Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
UTILITY									
ANALYZER DEVICE									
1	320042270	RCAM-110	RCAM-110:ROTARY COLOR CAMERA FOR FLARE A	D	WKSH-03	Analzyer Device	FLARE SYSTEM AREA-119		Zone 5
	320042271	RCAM-111	RCAM-111:ROTARY COLOR CAMERA FOR FLARE A	D	WKSH-03	Analzyer Device	FLARE SYSTEM AREA-119		Zone 5
	330189312	000-AE-001	000-AE-001:ANALYZER ELEMENT, CONDUCTIVIT	D	INST-05	Analzyer Device	NITROGEN SYSTEM AREA-109		Zone 5
	330189314	000-AE-002	000-AE-002:ANALYZER ELEMENT, CONDUCTIVIT	D	INST-05	Analzyer Device	SEA WATER SYSTEM AREA-115		Zone 5
	330189317	000-AE-003	000-AE-003:ANALYZER ELEMENT, CONDUCTIVIT	D	INST-05	Analzyer Device	SEA WATER SYSTEM AREA-115		Zone 5
	330189319	000-AE-004	000-AE-004:ANALYZER ELEMENT, CONDUCTIVIT	D	INST-05	Analzyer Device	COOLING WATER SYSTEM AREA-116		Zone 5
	330189322	000-AE-005	000-AE-005:ANALYZER ELEMENT, CONDUCTIVIT	D	INST-05	Analzyer Device	COOLING WATER SYSTEM AREA-116		Zone 5
	330189324	000-AE-006	000-AE-006:ANALYZER ELEMENT, CONDUCTIVIT	D	INST-05	Analzyer Device	COOLING WATER SYSTEM AREA-116		Zone 5
	330189327	000-AE-007	000-AE-007:ANALYZER ELEMENT, CONDUCTIVIT	D	INST-05	Analzyer Device	CHILLER WATER SYSTEM AREA-117		Zone 5
	330189330	000-AE-008	000-AE-008:ANALYZER ELEMENT, CONDUCTIVIT	D	INST-05	Analzyer Device	CHILLER WATER SYSTEM AREA-117		Zone 5
	330190371	109-AE-101	109-AE-101:ANALYZER ELEMENT	B	INST-05	Analzyer Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190372	109-AE-102	109-AE-102:ANALYZER ELEMENT	B	INST-05	Analzyer Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190373	109-AE-103	109-AE-103:ANALYZER ELEMENT	B	INST-05	Analzyer Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330191039	110-AE-401	110-AE-401:ANALYZER ELEMENT	B	INST-05	Analzyer Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191040	110-AE-501	110-AE-501:ANALYZER ELEMENT	B	INST-05	Analzyer Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191450	111-AE-110	111-AE-110:ANALYZER ELEMENT, O2	C	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191451	111-AE-111	111-AE-111:ANALYZER ELEMENT, NOX	C	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191452	111-AE-112	111-AE-112:ANALYZER ELEMENT, SO2	C	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191453	111-AE-121	111-AE-121:ANALYZER ELEMENT, CONDUCTIVIT	C	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191454	111-AE-122	111-AE-122:ANALYZER ELEMENT, PH	C	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191455	111-AE-123	111-AE-123:ANALYZER ELEMENT, CONDUCTIVIT	C	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191456	111-AE-210	111-AE-210:ANALYZER ELEMENT, O2	C	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191457	111-AE-211	111-AE-211:ANALYZER ELEMENT, NOX	C	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191458	111-AE-212	111-AE-212:ANALYZER ELEMENT, SO2	C	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191459	111-AE-221	111-AE-221:ANALYZER ELEMENT, CONDUCTIVIT	C	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191460	111-AE-222	111-AE-222:ANALYZER ELEMENT, PH	C	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191461	111-AE-223	111-AE-223:ANALYZER ELEMENT, CONDUCTIVIT	C	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191462	111-AE-310	111-AE-310:ANALYZER ELEMENT, O2	C	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191463	111-AE-311	111-AE-311:ANALYZER ELEMENT, NOX	C	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191464	111-AE-312	111-AE-312:ANALYZER ELEMENT, SO2	C	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191465	111-AE-321	111-AE-321:ANALYZER ELEMENT, CONDUCTIVIT	C	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191466	111-AE-322	111-AE-322:ANALYZER ELEMENT, PH	C	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191467	111-AE-323	111-AE-323:ANALYZER ELEMENT, CONDUCTIVIT	C	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191468	111-AE-410	111-AE-410:ANALYZER ELEMENT, O2	C	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191470	111-AE-411	111-AE-411:ANALYZER ELEMENT, NOX	C	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191472	111-AE-412	111-AE-412:ANALYZER ELEMENT, SO2	C	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191473	111-AE-421	111-AE-421:ANALYZER ELEMENT, CONDUCTIVIT	C	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191474	111-AE-422	111-AE-422:ANALYZER ELEMENT, PH	C	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191475	111-AE-423	111-AE-423:ANALYZER ELEMENT, CONDUCTIVIT	C	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191476	111-AE-921	111-AE-921:ANALYZER ELEMENT, DISSOLVED O	D	INST-05	Analzyer Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191477	111-AE-922	111-AE-922:ANALYZER ELEMENT, DISSOLVED O	D	INST-05	Analzyer Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191478	111-AP-116	111-AP-116:ANALYZER DEW POINT	D	INST-05	Analzyer Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191479	111-AP-117	111-AP-117:ANALYZER DEW POINT	D	INST-05	Analzyer Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192959	111-YJ-001	111-YJ-001:SAMPLING SYSTEM FOR 111-B-001	D	WKSH-06	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192960	111-YJ-002	111-YJ-002:SAMPLING SYSTEM FOR 111-B-002	D	WKSH-06	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192961	111-YJ-003	111-YJ-003:SAMPLING SYSTEM FOR 111-B-003	D	WKSH-06	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192962	111-YJ-004	111-YJ-004:SAMPLING SYSTEM FOR 111-D-001	D	WKSH-06	Analzyer Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192963	111-YJ-005	111-YJ-005:SAMPLING SYSTEM FOR 111-B-004	D	WKSH-06	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192964	112-AE-101	112-AE-101:ANALYZER ELEMENT, MIXED BED U	D	INST-05	Analzyer Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192965	112-AE-201	112-AE-201:ANALYZER ELEMENT, MIXED BED U	D	INST-05	Analzyer Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192966	112-AE-301	112-AE-301:ANALYZER ELEMENT, MIXED BED U	D	INST-05	Analzyer Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192967	112-AE-401	112-AE-401:ANALYZER ELEMENT, MIXED BED U	D	INST-05	Analzyer Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192968	112-AE-402	112-AE-402:AE, ACID REGENERATION TO MBU	D	INST-05	Analzyer Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192969	112-AE-403	112-AE-403:AE, ACID REGENERATION TO MBU	D	INST-05	Analzyer Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192974	112-AT-402	112-AT-402:AT, ACID REGENERATION TO MBU	D	WKSH-06	Analzyer Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192975	112-AT-403	112-AT-403:AT, ACID REGENERATION TO MBU	D	WKSH-06	Analzyer Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193114	115-ACE-105	115-ACE-105:ANALYZER CONDENSER ELEMENT,	D	INST-05	Analzyer Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193115	115-ACE-106	115-ACE-106:ANALYZER CONDENSER ELEMENT,	D	INST-05	Analzyer Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193116	115-ACT-105	115-ACT-105:ANALYZER CONDENSER ELEMENT,	D	INST-05	Analzyer Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193117	115-ACT-106	115-ACT-106:ANALYZER CONDENSER ELEMENT,	D	INST-05	Analzyer Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193118	115-AT-002	115-AT-002:AT, CONDUCTIVITY, SEA WATER	D	WKSH-06	Analzyer Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193119	115-AT-003	115-AT-003:AT, CONDUCTIVITY, SEA WATER	D	WKSH-06	Analzyer Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193183	116-AE-004	116-AE-004:ANALYZER ELEMENT, CONDUCTIVIT	B	INST-05	Analzyer Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330193184	116-AE-005	116-AE-005:ANALYZER ELEMENT, CONDUCTIVIT	B	INST-05	Analzyer Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330193185	116-AT-004	116-AT-004:AT, CONDUCTIVITY - COOLING WA	D	WKSH-06	Analzyer Device	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area	Zone 5
	330193186	116-AT-005	116-AT-005:AT, CONDUCTIVITY - COOLING WA	D	WKSH-06	Analzyer Device	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area	Zone 5
	330193255	117-AT-006	117-AT-006:AT, CONDUCTIVITY - CHIILLED WA	D	WKSH-06	Analzyer Device	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330193256	117-AT-007	117-AT-007:AT, CONDUCTIVITY - CHIILLED WA	D	WKSH-06	Analzyer Device	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330193257	117-AT-008	117-AT-008:AT, CONDUCTIVITY - CHIILLED WA	D	WKSH-06	Analzyer Device	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330199426	120-AE-101	120-AE-101:AE, RAW WASTE WATER FEED PUMP	D	INST-05	Analzyer Device	PRETREATMENT AREA AREA-120		Zone 5
	330199429	120-AE-102	120-AE-102:AE, RAW WASTE WATER FEED PUMP	C	INST-05	Analzyer Device	PRETREATMENT AREA AREA-120		Zone 5
	330199432	120-AE-103	120-AE-103:ANALYZER ELEMENT, DIGESTED W.	C	INST-05	Analzyer Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199434	120-AE-104	120-AE-104:ANALYZER ELEMENT, DIGESTED W.	C	INST-05	Analzyer Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199436	120-AE-105	120-AE-105:ANALYZER ELEMENT, MIXED LIQUO	C	INST-05	Analzyer Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199439	120-AE-106	120-AE-106:ANALYZER ELEMENT, MIXED LIQUO	C	INST-05	Analzyer Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199442	120-AE-107	120-AE-107:ANALYZER ELEMENT, MIXED LIQUO	C	INST-05	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330199594	120-AE-108	120-AE-108:ANALYZER ELEMENT, MIXED LIQUO	C	INST-05	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330199597	120-AE-109	120-AE-109:ANALYZER ELEMENT, FINAL EFFLU	B	INST-05	Analzyer Device	EFFLUENT STORAGE AREA-120		Zone 5
	330199600	120-AE-110	120-AE-110:AE, ANAEROBIC DIGEST F6 INLET	D	INST-05	Analzyer Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199603	120-AE-111	120-AE-111:AE, ANAEROBIC DIGEST F6 OUTLE	D	INST-05	Analzyer Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199606	120-AE-112	120-AE-112:AE, RAW WASTE WATER FEED PUMP	D	INST-05	Analzyer Device	PRETREATMENT AREA AREA-120		Zone 5
	330199608	120-AE-113	120-AE-113:ANALYZER ELEMENT, FINAL TREAT	D	INST-05	Analzyer Device	EFFLUENT STORAGE AREA-120		Zone 5
	330199611	120-AE-114	120-AE-114:AE, ANAEROBIC DIGESTER F7 INL	D	WKSH-06	Analzyer Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199614	120-AE-115	120-AE-115:AE, ANAEROBIC DIGESTER F7 OUT	D	INST-05	Analzyer Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199617	120-AE-116	120-AE-116:ANALYZER ELEMENT, PTA WASTE W	D	INST-05	Analzyer Device	EFFLUENT STORAGE AREA-120		Zone 5
	330199620	120-AT-101	120-AT-101:AT, RAW WASTE WATER FEED PUMP	D	WKSH-06	Analzyer Device	PRETREATMENT AREA AREA-120		Zone 5
	330199623	120-AT-112	120-AT-112:AT, RAW WASTE WATER FEED PUMP	D	WKSH-06	Analzyer Device	PRETREATMENT AREA AREA-120		Zone 5
	330199625	120-AT-113	120-AT-113:AT, FINAL TREATED WATER	D	WKSH-06	Analzyer Device	EFFLUENT STORAGE AREA-120		Zone 5
	330199628	120-AT-114	120-AT-114:AT, ANAEROBIC DIGESTER F7 INL	D	WKSH-06	Analzyer Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199631	120-AT-115	120-AT-115:AT, ANAEROBIC DIGESTER F7 OUT	D	WKSH-06	Analzyer Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199642	120-AT-102	120-AT-102:AT, RAW WASTE WATER FEED PUMP	D	WKSH-06	Analzyer Device	PRETREATMENT AREA AREA-120		Zone 5
	330199665	120-AT-110	120-AT-110:AT, ANAEROBIC DIGEST F6 INLET	D	WKSH-06	Analzyer Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199668	120-AT-111	120-AT-111:AT, ANAEROBIC DIGEST F6 OUTLE	D	WKSH-06	Analzyer Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330228023	111-BE-164A	111-BE-164A:FLAME DETECTOR	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228024	111-BE-164B	111-BE-164B:FLAME DETECTOR	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228025	111-BE-165	111-BE-165:FLAME ROD	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228026	111-BE-171A	111-BE-171A:FLAME DETECTOR	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228027	111-BE-171B	111-BE-171B:FLAME DETECTOR	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228028	111-BE-172	111-BE-172:FLAME ROD	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228029	111-BE-178A	111-BE-178A:FLAME DETECTOR	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228030	111-BE-178B	111-BE-178B:FLAME DETECTOR	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228031	111-BE-179	111-BE-179:FLAME ROD	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228032	111-BE-185A	111-BE-185A:FLAME DETECTOR	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228033	111-BE-185B	111-BE-185B:FLAME DETECTOR	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228035	111-BE-150A	111-BE-150A:FLAME DETECTOR	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228036	111-BE-150B	111-BE-150B:FLAME DETECTOR	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228037	111-BE-151	111-BE-151:FLAME ROD	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228038	111-BE-157A	111-BE-157A:FLAME DETECTOR	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228039	111-BE-157B	111-BE-157B:FLAME DETECTOR	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228040	111-BE-158	111-BE-158:FLAME ROD	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228041	111-BE-186	111-BE-186:FLAME ROD	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330229738	111-BE-250A	111-BE-250A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229739	111-BE-250B	111-BE-250B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229740	111-BE-251	111-BE-251:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229741	111-BE-257A	111-BE-257A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229742	111-BE-257B	111-BE-257B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229743	111-BE-258	111-BE-258:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229744	111-BE-264A	111-BE-264A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229745	111-BE-264B	111-BE-264B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229746	111-BE-265	111-BE-265:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229747	111-BE-271A	111-BE-271A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229748	111-BE-357A	111-BE-357A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229749	111-BE-357B	111-BE-357B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229750	111-BE-358	111-BE-358:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229751	111-BE-364A	111-BE-364A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229752	111-BE-364B	111-BE-364B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229753	111-BE-365	111-BE-365:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229754	111-BE-371A	111-BE-371A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5

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S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330229755	111-BE-371B	111-BE-371B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229756	111-BE-372	111-BE-372:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229757	111-BE-378A	111-BE-378A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229758	111-BE-378B	111-BE-378B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229759	111-BE-464B	111-BE-464B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229760	111-BE-465	111-BE-465:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229761	111-BE-471A	111-BE-471A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229762	111-BE-471B	111-BE-471B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229763	111-BE-472	111-BE-472:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229764	111-BE-478A	111-BE-478A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229765	111-BE-478B	111-BE-478B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229766	111-BE-479	111-BE-479:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229767	111-BE-485A	111-BE-485A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229768	111-BE-485B	111-BE-485B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229769	111-BE-486	111-BE-486:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229770	111-BE-271B	111-BE-271B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229771	111-BE-272	111-BE-272:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229772	111-BE-278A	111-BE-278A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229773	111-BE-278B	111-BE-278B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229774	111-BE-279	111-BE-279:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229775	111-BE-285A	111-BE-285A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229776	111-BE-285B	111-BE-285B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229777	111-BE-286	111-BE-286:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229778	111-BE-350A	111-BE-350A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229779	111-BE-350B	111-BE-350B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229780	111-BE-351	111-BE-351:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229781	111-BE-379	111-BE-379:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229782	111-BE-385A	111-BE-385A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229783	111-BE-385B	111-BE-385B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229784	111-BE-386	111-BE-386:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229785	111-BE-450A	111-BE-450A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229786	111-BE-450B	111-BE-450B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229787	111-BE-451	111-BE-451:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229788	111-BE-457A	111-BE-457A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229789	111-BE-457B	111-BE-457B:FLAME DETECTOR, IR	A	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229790	111-BE-458	111-BE-458:FLAME ROD	D	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229791	111-BE-464A	111-BE-464A:FLAME DETECTOR, UV	A	INST-05	Analzyer Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330278073	111-BI-150I	111-BI-150I:FLAME IND BNR#1 TO 6,BLR#1	D	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278074	111-BI-250I	111-BI-250I:FLAME IND BNR#1 TO 6,BLR#2	C	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278075	111-BI-350I	111-BI-350I:FLAME IND BNR#1 TO 6,BLR#3	D	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278076	111-BI-450I	111-BI-450I:FLAME IND BNR#1 TO 6,BLR#4	A	INST-05	Analzyer Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330461452	123-AS-001	123-AS-001: Unload Sulfpuric Acid Pump	D	INST-05	Analzyer Device	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	330461453	123-AS-002	123-AS-002: Transf. Sulfpuric Acid Pump	D	INST-05	Analzyer Device	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	330461454	123-AS-003	123-AS-003: Transf. Sulfpuric Acid Pump	D	INST-05	Analzyer Device	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	330462734	124-AS-001	124-AS-001: Unload Caustic Acid Pump	D	INST-05	Analzyer Device	CAUSTIC SYSTEM AREA-124		Zone 5
	330462735	124-AS-002	124-AS-002: Transfer Caustic Pump	D	INST-05	Analzyer Device	CAUSTIC SYSTEM AREA-124		Zone 5
	330465212	115-SIC-101	115-SIC-101: SPEED CONTROLLER	B	INST-05	Analzyer Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330483063	UTY2-GT-001	Portable gas testor INOVA S/NO.1013054	C	WKSH-06	Analzyer Device	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330517182	UTY2-GT-002	Gas testor Altair 5X S/N. 033514	D	WKSH-06	Analzyer Device	BOILER # 04 AREA-111		Zone 5
	330517614	120-AT-125	Dissolve Oxygen analyzer	C	WKSH-06	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330517615	112-AT-001	Conductivity analyzer	C	WKSH-06	Analzyer Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330517616	112-AT-002	PH Analyzer	C	WKSH-06	Analzyer Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330520931	120-AIT-1001	120-AIT-1001:PH-ORP ANALYZER	C	INST-05	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520933	120-AIT-1141	120-AIT-1141:PH-ORP ANALYZER	C	INST-05	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520934	120-AIT-1210	120-AIT-1210:PH-ORP ANALYZER	C	INST-05	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520935	120-AIT-1240	120-AIT-1240:PH-ORP ANALYZER	C	INST-05	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520936	120-AIT-1301	120-AIT-1301:DISSOLVED OXYGEN ANALYZER	C	INST-05	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520937	120-AIT-1302	120-AIT-1302:DISSOLVED OXYGEN ANALYZER	C	INST-05	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520938	120-AIT-1310	120-AIT-1310:PH-ORP ANALYZER	C	INST-05	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520939	120-AIT-1311	120-AIT-1311:DISSOLVED OXYGEN ANALYZER	C	INST-05	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520940	120-AIT-1312	120-AIT-1312:DISSOLVED OXYGEN ANALYZER	C	INST-05	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520941	120-AIT-1313	120-AIT-1313:DISSOLVED OXYGEN ANALYZER	C	INST-05	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520942	120-AIT-1314	120-AIT-1314:DISSOLVED OXYGEN ANALYZER	C	INST-05	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520943	120-AIT-1315	120-AIT-1315:DISSOLVED OXYGEN ANALYZER	C	INST-05	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520944	120-AIT-1316	120-AIT-1316:DISSOLVED OXYGEN ANALYZER	C	INST-05	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520945	120-AIT-1341	120-AIT-1341:CONDUCTIVITY ANALYZER	C	INST-05	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520947	120-AIT-1343	120-AIT-1343:PH-ORP ANALYZER	C	INST-05	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
	330524904	72-AT-060	72-AT-060:GC ANALYZER	C	INST-05	Analzyer Device	PIPING SYSTEM		Zone 5
	330525339	112-AIT-501	112-AIT-501:112-D-004 CONDUCTIVITY ANALY	C	WKSH-06	Analzyer Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525345	112-AIT-601	112-AIT-601:112-D-005 CONDUCTIVITY ANALY	C	WKSH-06	Analzyer Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525346	112-AIT-602	112-AIT-602:SILICA ANALYZER	C	INST-05	Analzyer Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525348	112-AIT-402	112-AIT-402:CONCENTRATION ANALYZER(% H2S	C	WKSH-06	Analzyer Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525350	112-AIT-403	112-AIT-403:CONCENTRATION ANALYZER(% NAO	C	WKSH-06	Analzyer Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533456	TF2-VA-2239	TF2-VA-2239: LED BEACON	A	INST-05	Analzyer Device	PIPING SYSTEM		Zone 5
	330533737	000-AT-5001	000-AT-5001: pH Analyzer	C	WKSH-06	Analzyer Device	PIPING SYSTEM		Zone 5
	330533738	72-AT-061	72-AT-061: Calorie Analyzer	C	WKSH-05	Analzyer Device	PIPING SYSTEM		Zone 5
	330535360	120-AIT-1318	120-AIT-1318 : ANALYZER TRANSMITTER	D	WKSH-06	Analzyer Device	AEROBIC TREATMENT AREA-120		Zone 5
BLOWER / FAN									
2	320042970	157-AC-K01	157-AC-K01:UTY2 - 157 CCR BUILDING	D	WKSH-05	Blower / Fan	CENTRAL CONTROL ROOM		Zone 5
	320042971	157-AC-K02	157-AC-K02:UTY2 - 157 CCR BUILDING	D	WKSH-05	Blower / Fan	CENTRAL CONTROL ROOM		Zone 5
	320042972	157-AC-K03	157-AC-K03:UTY2 - 157 CCR BUILDING	D	WKSH-05	Blower / Fan	CENTRAL CONTROL ROOM		Zone 5
	320042973	157-AC-K04	157-AC-K04:UTY2 - 157 CCR BUILDING	D	WKSH-05	Blower / Fan	CENTRAL CONTROL ROOM		Zone 5
	320042976	157-ACP-01	157-ACP-01:UTY2 - 157 CCR BUILDING PANEL	D	WKSH-05	Blower / Fan	CENTRAL CONTROL ROOM		Zone 5
	320042977	157-ACP-02	157-ACP-02:UTY2 - 157 CCR BUILDING PANEL	D	WKSH-05	Blower / Fan	CENTRAL CONTROL ROOM		Zone 5
BURNER DEVICE									
3	310171770	111-BUR-101	111-BUR-101: UTY2 BOILER#1 BURNER#1	D	MECH-05	Burner Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	310171774	111-BUR-102	111-BUR-102: UTY2 BOILER#1 BURNER#2	D	MECH-05	Burner Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	310171775	111-BUR-103	111-BUR-103: UTY2 BOILER#1 BURNER#3	D	MECH-05	Burner Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	310171776	111-BUR-104	111-BUR-104: UTY2 BOILER#1 BURNER#4	D	MECH-05	Burner Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	310171777	111-BUR-105	111-BUR-105: UTY2 BOILER#1 BURNER#5	D	MECH-05	Burner Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	310171778	111-BUR-106	111-BUR-106: UTY2 BOILER#1 BURNER#6	D	MECH-05	Burner Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	310171779	111-BUR-201	111-BUR-201: UTY2 BOILER#2 BURNER#1	D	MECH-05	Burner Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	310171780	111-BUR-202	111-BUR-202: UTY2 BOILER#2 BURNER#2	D	MECH-05	Burner Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	310171781	111-BUR-203	111-BUR-203: UTY2 BOILER#2 BURNER#3	D	MECH-05	Burner Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	310171782	111-BUR-204	111-BUR-204: UTY2 BOILER#2 BURNER#4	D	MECH-05	Burner Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	310171783	111-BUR-205	111-BUR-205: UTY2 BOILER#2 BURNER#5	D	MECH-05	Burner Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	310171784	111-BUR-206	111-BUR-206: UTY2 BOILER#2 BURNER#6	D	MECH-05	Burner Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	310171785	111-BUR-301	111-BUR-301: UTY2 BOILER#3 BURNER#1	D	MECH-05	Burner Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	310171786	111-BUR-302	111-BUR-302: UTY2 BOILER#3 BURNER#2	D	MECH-05	Burner Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	310171787	111-BUR-303	111-BUR-303: UTY2 BOILER#3 BURNER#3	D	MECH-05	Burner Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	310171788	111-BUR-304	111-BUR-304: UTY2 BOILER#3 BURNER#4	D	MECH-05	Burner Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	310171789	111-BUR-305	111-BUR-305: UTY2 BOILER#3 BURNER#5	D	MECH-05	Burner Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	310171790	111-BUR-306	111-BUR-306: UTY2 BOILER#3 BURNER#6	D	MECH-05	Burner Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	310171791	111-BUR-401	111-BUR-401: UTY2 BOILER#4 BURNER#1	D	MECH-05	Burner Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	310171792	111-BUR-402	111-BUR-402: UTY2 BOILER#4 BURNER#2	D	MECH-05	Burner Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	310171793	111-BUR-403	111-BUR-403: UTY2 BOILER#4 BURNER#3	D	MECH-05	Burner Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	310171794	111-BUR-404	111-BUR-404: UTY2 BOILER#4 BURNER#4	D	MECH-05	Burner Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	310171795	111-BUR-405	111-BUR-405: UTY2 BOILER#4 BURNER#5	D	MECH-05	Burner Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	310171796	111-BUR-406	111-BUR-406: UTY2 BOILER#4 BURNER#6	D	MECH-05	Burner Device	BOILER # 04 AREA-111	Steam Area	Zone 5
CABLES AND GROUNDING									
4	320229789	000-GND-01	000-GND-01: UTY-II Grounding system	A	ELEC-05	Cables and Grounding	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	320229790	120-GND-01	120-GND-01: ETP-III Grounding system	A	ELEC-05	Cables and Grounding	ETP PROCESS		Zone 5
CALCULATION CONVERT									
5	330190570	109-SE-962	109-SE-962:SPEED ELEMENT	D	INST-05	Calculation-Convert	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190571	109-SG-264	109-SG-264:SPEED GAUGE	D	INST-05	Calculation-Convert	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190572	109-SG-273	109-SG-273:SPEED GAUGE	D	INST-05	Calculation-Convert	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190574	109-SSHH-962	109-SSHH-962:SPEED SWITCH HIGH HIGH	D	INST-05	Calculation-Convert	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190575	109-SSLL-962	109-SSLL-962:SPEED SWITCH LOW LOW	D	INST-05	Calculation-Convert	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330191267	110-SE-101	110-SE-101:SPEED ELEMENT	D	INST-05	Calculation-Convert	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191268	110-SLL-107	110-SLL-107:SPEED SWITCH	D	INST-05	Calculation-Convert	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191978	111-SSHH-125C	111-SSHH-125C:SPEED SWITCH HIGH HIGH	B	INST-05	Calculation-Convert	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191979	111-SSHH-225	111-SSHH-225:SPEED SWITCH HIGH HIGH	B	INST-05	Calculation-Convert	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191980	111-SSHH-325	111-SSHH-325:SPEED SWITCH HIGH HIGH	B	INST-05	Calculation-Convert	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191981	111-SSHH-425	111-SSHH-425:SPEED SWITCH HIGH HIGH	B	INST-05	Calculation-Convert	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191982	111-SSHH-941	111-SSHH-941:SPEED SWITCH HIGH HIGH	B	INST-05	Calculation-Convert	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191983	111-SSHH-951	111-SSHH-951:SPEED SWITCH HIGH HIGH	B	INST-05	Calculation-Convert	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330191984	111-SSHH-971	111-SSHH-971:SPEED SWITCH HIGH HIGH	B	INST-05	Calculation-Convert	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191985	111-SSL-110	111-SSL-110:SPEED SWITCH LOW	D	INST-05	Calculation-Convert	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191986	111-SSL-210	111-SSL-210:SPEED SWITCH LOW	D	INST-05	Calculation-Convert	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191987	111-SSL-310	111-SSL-310:SPEED SWITCH LOW	D	INST-05	Calculation-Convert	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191988	111-SSL-410	111-SSL-410:SPEED SWITCH LOW	D	INST-05	Calculation-Convert	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192046	111-SSHH-125	111-SSHH-125:SPEED SWITCH HIGH HIGH	B	INST-05	Calculation-Convert	BOILER # 01 AREA-111	Steam Area	Zone 5
CIVIL									
6	310062959	000-Q-003	000-Q-003:CONTAM. STRM WTR COLLECTION BA	D	MECH-05	Civil	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310062966	000-Q-006	000-Q-006:SANITARY SUMP (WAREHOUSE)	D	MECH-05	Civil	SANITARY WASTE WATER AREA-000		Zone 5
	310062969	000-Q-007	000-Q-007:SANITARY SUMP (TRANSFER)	D	MECH-05	Civil	SANITARY WASTE WATER AREA-000		Zone 5
	310062971	000-Q-008	000-Q-008:SANITARY SUMP (SECUTIRY)	D	MECH-05	Civil	SANITARY WASTE WATER AREA-000		Zone 5
	310062974	000-Q-010	000-Q-010:STORM WTR TRANSFER SUMP (PIPE	D	MECH-05	Civil	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310062977	000-Q-011	000-Q-011:STRM WTR TRANSFER SUMP (PIPE C	D	MECH-05	Civil	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310063067	000-Q-012	000-Q-012:LAB CONTAMINATED WATER SUMP	D	MECH-05	Civil	SANITARY WASTE WATER AREA-000		Zone 5
	310063069	000-Q-013	000-Q-013:SANITARY SUMP	D	MECH-05	Civil	SANITARY WASTE WATER AREA-000		Zone 5
	310063102	000-Y-015	000-Y-015:STRM WTR TRANSFER SUMP PACK. (	D	MECH-05	Civil	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310065171	109-Y-001	109-Y-001:NITROGEN PACKAGE	D	MECH-05	Civil	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310067084	112-Y-001	112-Y-001:DEMIN WATER TREATMENT PACKAGE	C	MECH-05	Civil	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310067102	114-Y-001	114-Y-001:POTABLE WATER CHEMICAL INJECTI	D	MECH-05	Civil	POTABLE WATER AREA-114	Potable water Area	Zone 5
	310067108	115-Q-001	115-Q-001:SEA WATER POND	D	MECH-05	Civil	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310067160	116-Y-001	116-Y-001:COOLING/CHLLED WTR CHEMICAL IN	C	MECH-05	Civil	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310067476	120-T-001	120-T-001:ANOXIC MIXER SUMP	C	MECH-05	Civil	ANAEROBIC TREATMENT AREA-120		Zone 5
	310067477	120-T-002	120-T-002:SITE DRAINAGE SUMP	D	MECH-05	Civil	EFFLUENT STORAGE AREA-120		Zone 5
	310067478	120-T-003	120-T-003:SITE DRAINAGE SUMP	D	MECH-05	Civil	EFFLUENT STORAGE AREA-120		Zone 5
	310067486	120-Y-001	120-Y-001:WASTE WATER TREATMENT PACKAGE	C	MECH-05	Civil	PRETREATMENT AREA AREA-120		Zone 5
	310080593	115-Y-001	115-Y-001:SEA WATER CHEMICAL INJECTION P	C	MECH-05	Civil	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310232218	119-Y-002	119-Y-002:LP AND HP FLARE PACKAGE	C	MECH-05	Civil	FLARE SYSTEM AREA-119		Zone 5
COMBUSTION ENGINE									
7	310068143	122-DY-001	122-DY-001:EMERGENCY DIESEL ENGINE	A	MECH-05	Combustion Engine	EMERGENCY POWER SYSTEM AREA-122		Zone 5
COMPRESSOR									
8	310065098	109-K-001	109-K-001:AIR COMPRESSOR	A	MECH-05	Compressor	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	310065100	109-K-003	109-K-003:CHILLIER COMPRESSOR	A	MECH-05	Compressor	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	310065442	110-K-001	110-K-001:COMPRESSOR 1	A	MECH-05	Compressor	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065443	110-K-002	110-K-002:COMPRESSOR 2	A	MECH-05	Compressor	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065444	110-K-003	110-K-003:COMPRESSOR 3	A	MECH-05	Compressor	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065558	110-Y-001	110-Y-001:AIR COMPRESSOR UNIT PACKAGE	B	MECH-05	Compressor	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
FILTERS									
9	311329100	"-CS-921-CSW-C12	4"-CS-921-CSW-C12A: Closed Drain Line	E	MECH-05	Filters	STEAM SYSTEM AREA-111		Zone 5
	311329101	"-CS-905-CSW-C12	4"-CS-905-CSW-C12A: Closed Drain Line	E	MECH-05	Filters	STEAM SYSTEM AREA-111		Zone 5
FIRE DEVICES									
10	330259491	124-ASH-003	124-ASH-003:DETECTOR, LEAK	D	INST-05	Fire Device	CAUSTIC SYSTEM AREA-124		Zone 5
	330524882	000-AT-0002	000-AT-0002:COMBUSTIBLE GAS DETECTOR	A	WKSH-06	Fire Device	PIPING SYSTEM		Zone 5
	330524883	000-AT-0001	000-AT-0001:COMBUSTIBLE GAS DETECTOR	A	WKSH-06	Fire Device	PIPING SYSTEM		Zone 5
	330524884	TF2-GD-2225	TF2-GD-2225:COMBUSTIBLE GAS DETECTOR	C	INST-05	Fire Device	PIPING SYSTEM		Zone 5
	330524885	TF2-GD-2226	TF2-GD-2226:COMBUSTIBLE GAS DETECTOR	C	INST-05	Fire Device	PIPING SYSTEM		Zone 5
	330524886	TF2-GD-2227	TF2-GD-2227:COMBUSTIBLE GAS DETECTOR	C	INST-05	Fire Device	PIPING SYSTEM		Zone 5
	330524887	TF2-GD-2228	TF2-GD-2228:COMBUSTIBLE GAS DETECTOR	C	INST-05	Fire Device	PIPING SYSTEM		Zone 5
	330524888	TF2-GD-2229	TF2-GD-2229:COMBUSTIBLE GAS DETECTOR	C	INST-05	Fire Device	PIPING SYSTEM		Zone 5
	330524889	TF2-GD-2230	TF2-GD-2230:COMBUSTIBLE GAS DETECTOR	C	INST-05	Fire Device	PIPING SYSTEM		Zone 5
	330524890	TF2-GD-2223	TF2-GD-2223:COMBUSTIBLE GAS DETECTOR	C	INST-05	Fire Device	PIPING SYSTEM		Zone 5
	330524891	TF2-GD-2224	TF2-GD-2224:COMBUSTIBLE GAS DETECTOR	A	INST-05	Fire Device	PIPING SYSTEM		Zone 5
	330524892	TF2-GD-2233	TF2-GD-2233:COMBUSTIBLE GAS DETECTOR	C	INST-05	Fire Device	PIPING SYSTEM		Zone 5
	330524893	TF2-GD-2234	TF2-GD-2234:COMBUSTIBLE GAS DETECTOR	C	INST-05	Fire Device	PIPING SYSTEM		Zone 5
	330524894	TF2-GD-2235	TF2-GD-2235:COMBUSTIBLE GAS DETECTOR	C	INST-05	Fire Device	PIPING SYSTEM		Zone 5
	330524895	TF2-GD-2236	TF2-GD-2236:COMBUSTIBLE GAS DETECTOR	C	INST-05	Fire Device	PIPING SYSTEM		Zone 5
	330524896	TF2-GD-2237	TF2-GD-2237:COMBUSTIBLE GAS DETECTOR	C	INST-05	Fire Device	PIPING SYSTEM		Zone 5
	330524897	TF2-GD-2238	TF2-GD-2238:COMBUSTIBLE GAS DETECTOR	C	INST-05	Fire Device	PIPING SYSTEM		Zone 5
	330524901	72-AT-062	72-AT-062:HYDROGEN GAS DETECTOR	A	INST-05	Fire Device	PIPING SYSTEM		Zone 5
	330524902	72-AT-063	72-AT-063:FLAME GAS DETECTOR	A	INST-05	Fire Device	PIPING SYSTEM		Zone 5
	330524903	72-AT-064	72-AT-064:FLAME GAS DETECTOR	A	INST-05	Fire Device	PIPING SYSTEM		Zone 5
	360006206	2124-HD-001F	2124-HD-001F:HEAT DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006207	2124-HD-001G	2124-HD-001G:HEAT DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006208	2124-HD-001H	2124-HD-001H:HEAT DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006215	2125-SD-001A	2125-SD-001A:SMOKE DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006216	2125-SD-001B	2125-SD-001B:SMOKE DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006234	2124-HD-001A	2124-HD-001A:HEAT DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006235	2124-HD-001B	2124-HD-001B:HEAT DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006236	2124-HD-001C	2124-HD-001C:HEAT DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006237	2124-HD-001D	2124-HD-001D:HEAT DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006238	2124-HD-001E	2124-HD-001E:HEAT DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006240	2126-HD-001H	2126-HD-001H:HEAT DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006243	2126-SD-001A	2126-SD-001A:SMOKE DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006244	2126-SD-001B	2126-SD-001B:SMOKE DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006245	2126-SD-001C	2126-SD-001C:SMOKE DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006246	2126-SD-001D	2126-SD-001D:SMOKE DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006247	2126-SD-001E	2126-SD-001E:SMOKE DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006248	2126-SD-001F	2126-SD-001F:SMOKE DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006249	2126-SD-001G	2126-SD-001G:SMOKE DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006311	2127-SD-001A	2127-SD-001A:SMOKE DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006312	2127-SD-001B	2127-SD-001B:SMOKE DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006313	2127-SD-001C	2127-SD-001C:SMOKE DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006314	2127-SD-001D	2127-SD-001D:SMOKE DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006315	2127-SD-001E	2127-SD-001E:SMOKE DETECTOR	A	INST-05	Fire Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006437	2201-SD-001A	2201-SD-001A:SMOKE DETECTOR	A	INST-05	Fire Device	OPERATOR SHELTER		Zone 5
	360006438	2201-SD-001B	2201-SD-001B:SMOKE DETECTOR	A	INST-05	Fire Device	OPERATOR SHELTER		Zone 5
	360006439	2201-SD-001C	2201-SD-001C:SMOKE DETECTOR	A	INST-05	Fire Device	OPERATOR SHELTER		Zone 5
	360006440	2201-SD-001D	2201-SD-001D:SMOKE DETECTOR	A	INST-05	Fire Device	OPERATOR SHELTER		Zone 5
	360006443	2204-1-SD-001A	2204-1-SD-001A:SMOKE DETECTOR	A	INST-05	Fire Device	MECHANICAL WORK SHOP		Zone 5
	360006444	2204-1-SD-001B	2204-1-SD-001B:SMOKE DETECTOR	A	INST-05	Fire Device	MECHANICAL WORK SHOP		Zone 5
	360006445	2204-1-SD-001C	2204-1-SD-001C:SMOKE DETECTOR	A	INST-05	Fire Device	MECHANICAL WORK SHOP		Zone 5
	360006446	2204-1-SD-001D	2204-1-SD-001D:SMOKE DETECTOR	A	INST-05	Fire Device	MECHANICAL WORK SHOP		Zone 5
	360006447	2204-1-SD-001E	2204-1-SD-001E:SMOKE DETECTOR	A	INST-05	Fire Device	MECHANICAL WORK SHOP		Zone 5
	360006499	2201-HD-001A	2201-HD-001A:HEAT DETECTOR	A	INST-05	Fire Device	OPERATOR SHELTER		Zone 5
	360006500	2201-HD-001B	2201-HD-001B:HEAT DETECTOR	A	INST-05	Fire Device	OPERATOR SHELTER		Zone 5
	360006503	2204-1-SD-001F	2204-1-SD-001F:SMOKE DETECTOR	A	INST-05	Fire Device	MECHANICAL WORK SHOP		Zone 5
	360006504	2204-2-HD-001A	2204-2-HD-001A:HEAT DETECTOR	A	INST-05	Fire Device	MECHANICAL WORK SHOP		Zone 5
	360006505	2204-2-HD-001B	2204-2-HD-001B:HEAT DETECTOR	A	INST-05	Fire Device	MECHANICAL WORK SHOP		Zone 5
	360006506	2204-2-SD-001A	2204-2-SD-001A:SMOKE DETECTOR	A	INST-05	Fire Device	MECHANICAL WORK SHOP		Zone 5
	360006508	2204-3-HD-001A	2204-3-HD-001A:HEAT DETECTOR	A	INST-05	Fire Device	MECHANICAL WORK SHOP		Zone 5
	360006509	2204-3-HD-001B	2204-3-HD-001B:HEAT DETECTOR	A	INST-05	Fire Device	MECHANICAL WORK SHOP		Zone 5
FIRE EQUIPMENT									
11	310065071	109-E-001	109-E-001:MAIN HEAT EXCHANGER	D	MECH-05	Fired Equipment	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065717	111-B-001	111-B-001:STEAM BOILER # 1	A	MECH-05	Fired Equipment	BOILER # 01 AREA-111	Steam Area	Zone 5
	310067057	111-Y-001	111-Y-001:STEAM BOILER PACKAGE	D	MECH-05	Fired Equipment	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310067058	111-Y-002	111-Y-002:BFW CHEMICAL INJECTION PACKAGE	D	MECH-05	Fired Equipment	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	310067267	119-Y-001	119-Y-001:LP AND HP FLARE PACKAGE	C	MECH-05	Fired Equipment	FLARE SYSTEM AREA-119		Zone 5
	310080332	111-B-002	111-B-002:STEAM BOILER # 2	A	MECH-05	Fired Equipment	BOILER # 02 AREA-111	Steam Area	Zone 5
	310080334	111-B-003	111-B-003:STEAM BOILER # 3	A	MECH-05	Fired Equipment	BOILER # 03 AREA-111	Steam Area	Zone 5
	310080335	111-B-004	111-B-004:STEAM BOILER # 4	A	MECH-05	Fired Equipment	BOILER # 04 AREA-111	Steam Area	Zone 5
	320123191	120-EH-01	120-EH-01:ELECTRIC HEATER	D	MECH-05	Fired Equipment	AEROBIC TREATMENT AREA-120		Zone 5
	320123192	120-EH-02	120-EH-02:ELECTRIC HEATER	D	MECH-05	Fired Equipment	AEROBIC TREATMENT AREA-120		Zone 5
	320123193	120-EH-03	120-EH-03:ELECTRIC HEATER	D	MECH-05	Fired Equipment	AEROBIC TREATMENT AREA-120		Zone 5
	310894795	119-Y-001-T-01	119-Y-001-T-01:HP Flare Tip	A	MECH-05	Fired Equipment	FLARE SYSTEM AREA-119		Zone 5
	310894796	119-Y-001-T-02	119-Y-001-T-02:LP Flare Tip	A	MECH-05	Fired Equipment	FLARE SYSTEM AREA-119		Zone 5
FLOW DEVICE									
12	330193109	114-FQI-001	114-FQI-001:FLOW METER, POTABLE WATER TO	D	INST-05	Flow Device	POTABLE WATER AREA-114	Potable water Area	Zone 5
	330189376	000-FT-020	000-FT-020:FLOW TRANSMITTER	D	INST-05	Flow Device	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	330189611	000-RO-007	000-RO-007:RESTRICTION ORIFICE	D	INST-05	Flow Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189612	000-RO-009	000-RO-009:RESTRICTION ORIFICE	D	INST-05	Flow Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189613	000-RO-010	000-RO-010:RESTRICTION ORIFICE	D	INST-05	Flow Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189614	000-RO-011	000-RO-011:RESTRICTION ORIFICE	D	INST-05	Flow Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189615	000-RO-012	000-RO-012:RESTRICTION ORIFICE	D	INST-05	Flow Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330189616	000-RO-013	000-RO-013:RESTRICTION ORIFICE	D	INST-05	Flow Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189617	000-RO-014	000-RO-014:RESTRICTION ORIFICE	D	INST-05	Flow Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330190117	106-RO-007	106-RO-007:RESTRICTION ORIFICE	C	INST-05	Flow Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190118	106-RO-008	106-RO-008:RESTRICTION ORIFICE	C	INST-05	Flow Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190265	106-FT-001A	106-FT-001A:FLOW TRANSMITTER	C	INST-05	Flow Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190266	106-FT-001B	106-FT-001B:FLOW TRANSMITTER	C	INST-05	Flow Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190267	106-FT-003A	106-FT-003A:FLOW TRANSMITTER	C	INST-05	Flow Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190268	106-FT-003B	106-FT-003B:FLOW TRANSMITTER	C	INST-05	Flow Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190312	106-RO-003	106-RO-003:RESTRICTION ORIFICE	C	INST-05	Flow Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190313	106-RO-004	106-RO-004:RESTRICTION ORIFICE	C	INST-05	Flow Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190314	106-RO-005	106-RO-005:RESTRICTION ORIFICE	C	INST-05	Flow Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190315	106-RO-006	106-RO-006:RESTRICTION ORIFICE	C	INST-05	Flow Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190317	107-FQI-002	107-FQI-002:FLOW METER, FUEL GAS DISTRIB	D	INST-05	Flow Device	FUEL GAS SYSTEM AREA-107		Zone 5
	330190318	107-FQI-003	107-FQI-003:FLOW METER, FUEL GAS TO FLAR	D	INST-05	Flow Device	FUEL GAS SYSTEM AREA-107		Zone 5
	330190320	107-FT-002	107-FT-002:FLOW TRANSMITTER	D	INST-05	Flow Device	FUEL GAS SYSTEM AREA-107		Zone 5
	330190321	107-FT-003	107-FT-003:FLOW TRANSMITTER	D	INST-05	Flow Device	FUEL GAS SYSTEM AREA-107		Zone 5
	330190338	107-RO-001	107-RO-001:RESTRICTION ORIFICE	D	INST-05	Flow Device	FUEL GAS SYSTEM AREA-107		Zone 5
	330190370	108-RO-001	108-RO-001:RESTRICTION ORIFICE	D	INST-05	Flow Device	DIESEL SYSTEM AREA-108		Zone 5
	330190383	109-FE-185	109-FE-185:FLOW ELEMENT	D	INST-05	Flow Device	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190384	109-FE-195	109-FE-195:FLOW ELEMENT	D	INST-05	Flow Device	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190385	109-FE-30	109-FE-30:FLOW ELEMENT	D	INST-05	Flow Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190386	109-FE-31	109-FE-31:FLOW ELEMENT	D	INST-05	Flow Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190387	109-FE-506	109-FE-506:FLOW ELEMENT	D	INST-05	Flow Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190388	109-FE-70	109-FE-70:FLOW ELEMENT	D	INST-05	Flow Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190389	109-FE-92	109-FE-92:FLOW ELEMENT	D	INST-05	Flow Device	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190390	109-FG-262	109-FG-262:FLOW GAUGE	D	INST-05	Flow Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190391	109-FG-263	109-FG-263:FLOW GAUGE	D	INST-05	Flow Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190392	109-FG-272	109-FG-272:FLOW GAUGE	D	INST-05	Flow Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190393	109-FG-968	109-FG-968:FLOW GAUGE	D	INST-05	Flow Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190398	109-FO-004	109-FO-004:FLOW ORIFICE	C	INST-05	Flow Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190399	109-FO-83	109-FO-83:FLOW ORIFICE	C	INST-05	Flow Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190400	109-FSL-184	109-FSL-184:FLOW SWITCH LOW	D	INST-05	Flow Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190401	109-FT-001	109-FT-001:FLOW TRANSMITTER	B	INST-05	Flow Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190402	109-FT-185	109-FT-185:FLOW TRANSMITTER	B	INST-05	Flow Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190403	109-FT-195	109-FT-195:FLOW TRANSMITTER	D	INST-05	Flow Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190404	109-FT-30	109-FT-30:FLOW TRANSMITTER	B	INST-05	Flow Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190405	109-FT-31	109-FT-31:FLOW TRANSMITTER	B	INST-05	Flow Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190406	109-FT-506	109-FT-506:FLOW TRANSMITTER	B	INST-05	Flow Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190407	109-FT-70	109-FT-70:FLOW TRANSMITTER	B	INST-05	Flow Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190408	109-FT-92	109-FT-92:FLOW TRANSMITTER	B	INST-05	Flow Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330191093	110-FE-102	110-FE-102:FLOW ELEMENT	C	INST-05	Flow Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191094	110-FE-202	110-FE-202:FLOW ELEMENT	C	INST-05	Flow Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191104	110-FSLL-141	110-FSLL-141:FLOW SWITCH LOW LOW	C	INST-05	Flow Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191107	110-FSLL-142	110-FSLL-142:FLOW SWITCH LOW LOW	C	INST-05	Flow Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191109	110-FSLL-241	110-FSLL-241:FLOW SWITCH LOW LOW	C	INST-05	Flow Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191112	110-FSLL-242	110-FSLL-242:FLOW SWITCH LOW LOW	C	INST-05	Flow Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191115	110-FSLL-342	110-FSLL-342:FLOW SWITCH LOW LOW	C	INST-05	Flow Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191117	110-FT-001A	110-FT-001A:FLOW TRANSMITTER	C	INST-05	Flow Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191120	110-FT-001B	110-FT-001B:FLOW TRANSMITTER	C	INST-05	Flow Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191122	110-FT-002	110-FT-002:FLOW TRANSMITTER	B	INST-05	Flow Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191125	110-FT-102	110-FT-102:FLOW TRANSMITTER	B	INST-05	Flow Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191193	110-FT-202	110-FT-202:FLOW TRANSMITTER	B	INST-05	Flow Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191264	110-RO-129	110-RO-129:RESTRICTION ORIFICE	C	INST-05	Flow Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191265	110-RO-130	110-RO-130:RESTRICTION ORIFICE	C	INST-05	Flow Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191266	110-RO-131	110-RO-131:RESTRICTION ORIFICE	C	INST-05	Flow Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191506	111-FIC-930	111-FIC-930:FLOW INDICATOR CONTROLLER	D	INST-05	Flow Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191508	111-FT-001	111-FT-001:FLOW TRANSMITTER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191509	111-FT-002	111-FT-002:FLOW TRANSMITTER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191510	111-FT-005	111-FT-005:FLOW TRANSMITTER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191511	111-FT-006A	111-FT-006A:FLOW TRANSMITTER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191512	111-FT-006B	111-FT-006B:FLOW TRANSMITTER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191513	111-FT-007	111-FT-007:FLOW TRANSMITTER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191514	111-FT-008	111-FT-008:FLOW TRANSMITTER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191515	111-FT-009	111-FT-009:FLOW TRANSMITTER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192040	111-RO-130	111-RO-130:RESTRICTION ORIFICE	C	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192041	111-RO-230	111-RO-230:RESTRICTION ORIFICE	D	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192042	111-RO-330	111-RO-330:RESTRICTION ORIFICE	D	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192043	111-RO-430	111-RO-430:RESTRICTION ORIFICE	D	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192044	111-RO-901	111-RO-901:RESTRICTION ORIFICE	D	INST-05	Flow Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192045	111-RO-911	111-RO-911:RESTRICTION ORIFICE	D	INST-05	Flow Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192756	112-FE-101	112-FE-101:FLOW ELEMENT, PROCESS WATER F	D	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192757	112-FE-201	112-FE-201:FLOW ELEMENT, PROCESS WATER F	D	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192758	112-FE-301	112-FE-301:FLOW ELEMENT, PROCESS WATER F	D	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192762	112-FIT-101	112-FIT-101:FLOW IND. XMITTER, PROCESS W	D	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192763	112-FIT-201	112-FIT-201:FLOW IND. XMITTER, PROCESS W	D	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192764	112-FIT-301	112-FIT-301:FLOW IND. XMITTER, PROCESS W	D	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193076	115-FG-101	115-FG-101:FLOW GAUGE, GLASS	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193077	115-FG-102	115-FG-102:FLOW GAUGE, GLASS	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193078	115-FG-103	115-FG-103:FLOW GAUGE, GLASS	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193079	115-FG-104	115-FG-104:FLOW GAUGE, GLASS	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193080	115-FG-151	115-FG-151:FLOW GAUGE, GLASS	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193081	115-FG-152	115-FG-152:FLOW GAUGE, GLASS	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193082	115-FG-181	115-FG-181:FLOW GAUGE, GLASS	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193083	115-FG-182	115-FG-182:FLOW GAUGE, GLASS	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193103	113-FQI-001	113-FQI-001:FLOW METER, PROCESS WATER FR	D	INST-05	Flow Device	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330193104	113-FT-001	113-FT-001:FLOW XMTR, PROC WTR TO PROC W	D	INST-05	Flow Device	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330193108	114-FE-001	114-FE-001:FLOW ELEMENT, POTABLE WATER T	D	INST-05	Flow Device	POTABLE WATER AREA-114	Potable water Area	Zone 5
	330193113	114-RO-004	114-RO-004:RESTRICTION ORIFICE, POTABLE	D	INST-05	Flow Device	POTABLE WATER AREA-114	Potable water Area	Zone 5
	330193122	115-FG-186	115-FG-186:FLOW GAUGE, GLASS	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193123	115-FG-187	115-FG-187:FLOW GAUGE, GLASS	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193124	115-FT-006	115-FT-006:FLOW TRANSMITTER, SEA WATER	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193125	115-FT-007	115-FT-007:FLOW TRANSMITTER, SEA WATER	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193153	116-FT-001	116-FT-001:FLOW TRANSMITTER	B	INST-05	Flow Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193154	116-FT-002	116-FT-002:FLOW TRANSMITTER, C. W. TO PL	B	INST-05	Flow Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193155	116-FT-003	116-FT-003:FLOW TRANSMITTER	B	INST-05	Flow Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193156	116-FT-004	116-FT-004:FLOW TRANSMITTER	C	INST-05	Flow Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330193189	116-FZSH-001	116-FZSH-001:FLOW SWITCH OPEN, ON VALVE	D	INST-05	Flow Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193190	116-FZSH-003	116-FZSH-003:FLOW SWITCH OPEN, ON VALVE	D	INST-05	Flow Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193909	118-FSH-005G	118-FSH-005G:FLOW SWITCH HIGH, PARAXYLEN	D	INST-04	Flow Device	FIRE ALARM SYSTEM AREA-118		Zone 5
	330193987	118-FSH-012B	118-FSH-012B:FLOW SWITCH HIGH, DIESEL ST	D	INST-05	Flow Device	FIRE ALARM SYSTEM AREA-118		Zone 5
	330193988	118-FSH-012C	118-FSH-012C:FLOW SWITCH HIGH, DIESEL ST	D	INST-05	Flow Device	FIRE ALARM SYSTEM AREA-118		Zone 5
	330193989	118-FSH-013	118-FSH-013:FLOW SWITCH HIGH, DIESEL TRA	D	INST-05	Flow Device	FIRE ALARM SYSTEM AREA-118		Zone 5
	330194004	118-FSH-010A	118-FSH-010A:FLOW SWITCH HIGH, PROPANE V	D	INST-05	Flow Device	FIRE ALARM SYSTEM AREA-118		Zone 5
	330194005	118-FSH-010B	118-FSH-010B:FLOW SWITCH HIGH, PROPANE S	D	INST-05	Flow Device	FIRE ALARM SYSTEM AREA-118		Zone 5
	330194006	118-FSH-011	118-FSH-011:FLOW SWITCH HIGH, FUEL GAS D	D	INST-05	Flow Device	FIRE ALARM SYSTEM AREA-118		Zone 5
	330194007	118-FSH-012A	118-FSH-012A:FLOW SWITCH HIGH, DIESEL ST	D	INST-05	Flow Device	FIRE ALARM SYSTEM AREA-118		Zone 5
	330194165	119-FE-002	119-FE-002:FLOW ELEMENT, STEAM TO HP FLA	C	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194166	119-FE-003	119-FE-003:FLOW ELEMENT, STEAM TO HP FLA	B	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194169	119-FISL-005	119-FISL-005:FLOW IND. SWITCH LOW, LPG G	C	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194170	119-FISL-006	119-FISL-006:FLOW IND. SWITCH LOW, FUEL	C	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194171	119-FISL-008	119-FISL-008:F. IND. SWITCH LOW, LPG GAS	C	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194172	119-FISL-009	119-FISL-009:FLOW IND. SWITCH LOW, IGNIT	C	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194173	119-FISL-010	119-FISL-010:F. IND. SWITCH LOW, LPG GAS	C	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194174	119-FISL-011	119-FISL-011:FLOW IND. SWITCH LOW, FUEL	B	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194175	119-FISL-012	119-FISL-012:FLOW IND. SWITCH LOW, FUEL	C	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194221	119-RO-003	119-RO-003:RESTRICTION ORIFICE, STEAM TO	D	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194222	119-RO-004	119-RO-004:RESTRICTION ORIFICE, STEAM TO	D	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194223	119-RO-005	119-RO-005:RESTRICTION ORIFICE, STEAM TO	B	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194245	119-FISL-013	119-FISL-013:FLOW IND. SWITCH LOW, FUEL	C	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194246	119-FIT-002	119-FIT-002:FLOW IND. XMITTER, STEAM TO	B	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194247	119-FT-001	119-FT-001:FLOW XMITTER, MP STEAM TO FLA	C	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194248	119-FT-002	119-FT-002:FLOW TRANSMITTER, STEAM TO HP	C	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194249	119-FT-003	119-FT-003:FLOW TRANSMITTER, STEAM TO HP	C	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194250	119-FT-009	119-FT-009:FLOW TRANSMITTER, HP FLARE SY	C	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194251	119-FT-056	119-FT-056:FLOW TRANSMITTER, FLARE GAS T	C	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194252	119-FT-057	119-FT-057:FLOW TRANSMITTER, FLARE GAS T	C	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194288	119-RO-006	119-RO-006:RESTRICTION ORIFICE, STEAM TO	C	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194289	119-RO-007	119-RO-007:RESTRICTION ORIFICE, STEAM TO	B	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330194290	119-RO-008	119-RO-008:RESTRICTION ORIFICE, STEAM TO	C	INST-05	Flow Device	FLARE SYSTEM AREA-119		Zone 5
	330199708	120-FE-101	120-FE-101:FLOW ELEMENT, MAGNETIC	D	INST-05	Flow Device	PRETREATMENT AREA AREA-120		Zone 5
	330199711	120-FE-112	120-FE-112:FLOW ELEMENT, MAGNETIC	B	INST-05	Flow Device	EFFLUENT STORAGE AREA-120		Zone 5
	330199713	120-FE-115	120-FE-115:FLOW ELEMENT, PITOT TUBE	D	INST-05	Flow Device	EFFLUENT STORAGE AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330199716	120-FIT-112	120-FIT-112:FLOW INDICATOR TRANSMITTER,	B	INST-05	Flow Device	EFFLUENT STORAGE AREA-120		Zone 5
	330199719	120-FIT-115	120-FIT-115:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	EFFLUENT STORAGE AREA-120		Zone 5
	330199722	120-FSL-116	120-FSL-116:FLOW SWITCH LOW	D	INST-05	Flow Device	EFFLUENT STORAGE AREA-120		Zone 5
	330199725	120-FSL-117	120-FSL-117:FLOW SWITCH LOW	C	INST-05	Flow Device	EFFLUENT STORAGE AREA-120		Zone 5
	330199728	120-FSL-118	120-FSL-118:FLOW SWITCH LOW	D	INST-05	Flow Device	PRETREATMENT AREA AREA-120		Zone 5
	330199731	120-FSL-119	120-FSL-119:FLOW SWITCH LOW	D	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330199734	120-FSL-120	120-FSL-120:FLOW SWITCH LOW	D	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330199737	120-FSL-121	120-FSL-121:FLOW SWITCH LOW	D	INST-05	Flow Device	BELT PRESS PROCESS AREA-120		Zone 5
	330199740	120-FSL-122	120-FSL-122:FLOW SWITCH LOW	D	INST-05	Flow Device	BELT PRESS PROCESS AREA-120		Zone 5
	330199743	120-FSL-123	120-FSL-123:FLOW SWITCH LOW	D	INST-05	Flow Device	BELT PRESS PROCESS AREA-120		Zone 5
	330199745	120-FSL-124	120-FSL-124:FLOW SWITCH LOW	D	INST-05	Flow Device	BELT PRESS PROCESS AREA-120		Zone 5
	330199857	120-FIT-101	120-FIT-101:FLOW INDICATOR TRANSMITTER,	D	INST-05	Flow Device	PRETREATMENT AREA AREA-120		Zone 5
	330199860	120-FIT-104	120-FIT-104:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330199862	120-FIT-105	120-FIT-105:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330199865	120-FIT-108	120-FIT-108:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330199868	120-FIT-109	120-FIT-109:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330199871	120-FIT-110	120-FIT-110:FLOW INDICATOR TRANSMITTER,	D	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330199874	120-FIT-111	120-FIT-111:FLOW INDICATOR TRANSMITTER,	D	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330199877	120-FSL-125	120-FSL-125:FLOW SWITCH LOW	D	INST-05	Flow Device	PRETREATMENT AREA AREA-120		Zone 5
	330199879	120-FSL-126	120-FSL-126:FLOW SWITCH LOW	D	INST-05	Flow Device	EFFLUENT STORAGE AREA-120		Zone 5
	330199882	120-FSL-127	120-FSL-127:FLOW SWITCH LOW	D	INST-05	Flow Device	EFFLUENT STORAGE AREA-120		Zone 5
	330199885	120-FSL-128	120-FSL-128:FLOW SWITCH LOW	D	INST-05	Flow Device	BELT PRESS PROCESS AREA-120		Zone 5
	330199888	120-FT-001	120-FT-001:FLOW TRANSMITTER, CHILLED WAT	D	INST-05	Flow Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200806	120-RO-001	120-RO-001:RESTRICTION ORIFICE	D	INST-05	Flow Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200809	120-RO-002	120-RO-002:RESTRICTION ORIFICE	D	INST-05	Flow Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200812	120-RO-003	120-RO-003:RESTRICTION ORIFICE	D	INST-05	Flow Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200815	120-RO-004	120-RO-004:RESTRICTION ORIFICE	D	INST-05	Flow Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200818	120-RO-005	120-RO-005:RESTRICTION ORIFICE	D	INST-05	Flow Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200821	120-RO-006	120-RO-006:RESTRICTION ORIFICE	D	INST-05	Flow Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330203643	124-RO-001	124-RO-001:RESTRICTION ORIFICE	C	INST-05	Flow Device	CAUSTIC SYSTEM AREA-124		Zone 5
	330203765	123-RO-001	123-RO-001:RESTRICTION ORIFICE	C	INST-05	Flow Device	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	330204373	132-FE-005	132-FE-005:FLOW ELEMENT	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204374	132-FE-007	132-FE-007:FLOW ELEMENT	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204375	132-FE-010	132-FE-010:FLOW ELEMENT	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204376	132-FE-011	132-FE-011:FLOW ELEMENT	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204377	132-FQI-001	132-FQI-001:F. METER, TOTALIZER PARA-XYL	D	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204378	132-FQI-002	132-FQI-002:F. METER, TOTALIZER HYDROGEN	D	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204379	132-FQI-003	132-FQI-003:F. METER, TOTALIZER DEMI. WT	D	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204380	132-FQI-004	132-FQI-004:F. METER, TOTALIZER COOLING	D	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204381	132-FQI-005	132-FQI-005:F. METER, TOTALIZER PROCESS	D	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204382	132-FQI-006	132-FQI-006:F. METER, TOTALIZER LP NITRO	D	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204383	132-FQI-007	132-FQI-007:F. METER, TOTALIZER P&I AIR	D	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204384	132-FT-010	132-FT-010:FLOW TRANSMITTER	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204385	132-FT-011	132-FT-011:FLOW TRANSMITTER	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204411	131-FE-001	131-FE-001:FLOW ELEMENT	C	INST-05	Flow Device	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	330204412	131-FE-003	131-FE-003:FLOW ELEMENT	C	INST-05	Flow Device	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	330204413	131-FE-004	131-FE-004:FLOW ELEMENT	C	INST-05	Flow Device	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	330204414	131-FE-007	131-FE-007:FLOW ELEMENT	C	INST-05	Flow Device	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	330204415	131-FE-010	131-FE-010:FLOW ELEMENT	C	INST-05	Flow Device	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	330204416	131-FQI-008	131-FQI-008:F. METER, TOTALIZER LP N2 TO	D	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204417	131-FQI-012	131-FQI-012:FLOW METER, TOTALIZER HYDROG	D	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204423	131-RO-002	131-RO-002:RESTRICTION ORIFICE	D	INST-05	Flow Device	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	330204424	131-RO-003	131-RO-003:RESTRICTION ORIFICE	D	INST-05	Flow Device	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	330204425	132-FE-001	132-FE-001:FLOW ELEMENT	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204426	132-FE-002	132-FE-002:FLOW ELEMENT	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204427	132-FE-003	132-FE-003:FLOW ELEMENT	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204428	132-FQI-008	132-FQI-008:F. METER, TOTALIZER FUEL GAS	D	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204429	132-FQI-009	132-FQI-009:F. METER, TOTALIZER CHILLED	D	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204430	132-FT-001	132-FT-001:FLOW TRANSMITTER	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204431	132-FT-002	132-FT-002:FLOW TRANSMITTER	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204432	132-FT-003	132-FT-003:FLOW TRANSMITTER	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204433	132-FT-004	132-FT-004:FLOW TRANSMITTER	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204434	132-FT-005	132-FT-005:FLOW TRANSMITTER	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204435	132-FT-006	132-FT-006:FLOW TRANSMITTER	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204436	132-FT-007	132-FT-007:FLOW TRANSMITTER	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204437	132-FT-008	132-FT-008:FLOW TRANSMITTER	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204438	132-FT-009	132-FT-009:FLOW TRANSMITTER	C	INST-05	Flow Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330228054	111-FG-921	111-FG-921:FLOW GAUGE	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228055	111-FIQ-133	111-FIQ-133:FLOW TOTALIZER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228056	111-FIQ-135	111-FIQ-135:FLOW TOTALIZER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228058	111-FE-100	111-FE-100:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228059	111-FE-102	111-FE-102:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228060	111-FE-105	111-FE-105:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228061	111-FE-110	111-FE-110:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228062	111-FE-140	111-FE-140:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228063	111-FG-114	111-FG-114:FLOW GAUGE	C	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228064	111-FG-121	111-FG-121:FLOW GAUGE	C	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228065	111-FG-122	111-FG-122:FLOW GAUGE	C	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228066	111-FG-123	111-FG-123:FLOW GAUGE	C	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228068	111-FIC-100	111-FIC-100:FLOW INDICATOR CONTROLLER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228069	111-FIC-105	111-FIC-105:FLOW INDICATOR CONTROLLER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228070	111-FIC-110	111-FIC-110:FLOW INDICATOR CONTROLLER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228071	111-FIC-133C	111-FIC-133C:FLOW INDICATOR CONTROLLER	B	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228072	111-FIC-135C	111-FIC-135C:FLOW INDICATOR CONTROLLER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228073	111-FIC-140	111-FIC-140:FLOW INDICATOR CONTROLLER	B	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228074	111-FIT-100	111-FIT-100:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228075	111-FIT-102	111-FIT-102:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228076	111-FIT-105	111-FIT-105:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228077	111-FIT-110	111-FIT-110:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228078	111-FIT-111	111-FIT-111:FLOW INDICATOR TRANSMITTER	A	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228079	111-FT-140	111-FT-140:FLOW INDICATOR TRANSMITTER	B	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228080	111-FT-133	111-FT-133:FLOW TRANSMITTER	B	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228081	111-FT-135	111-FT-135:FLOW TRANSMITTER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228367	115-RO-102	115-RO-102:RESTRICTION ORIFICE	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228368	115-RO-103	115-RO-103:RESTRICTION ORIFICE	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228369	115-RO-104	115-RO-104:RESTRICTION ORIFICE	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228370	115-RO-105	115-RO-105:RESTRICTION ORIFICE	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228371	115-RO-131	115-RO-131:RESTRICTION ORIFICE	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228372	115-RO-141	115-RO-141:RESTRICTION ORIFICE	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228373	115-RO-142	115-RO-142:RESTRICTION ORIFICE	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228374	115-RO-172	115-RO-172:RESTRICTION ORIFICE	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228375	115-RO-181	115-RO-181:RESTRICTION ORIFICE	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228376	115-RO-182	115-RO-182:RESTRICTION ORIFICE	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228377	115-RO-186	115-RO-186:RESTRICTION ORIFICE	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228406	115-RO-101	115-RO-101:RESTRICTION ORIFICE	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228407	115-RO-187	115-RO-187:RESTRICTION ORIFICE	D	INST-05	Flow Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228434	117-FO-172	117-FO-172:FLOW ORIFICE, TURBINE CONDENS	C	INST-05	Flow Device	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330229736	106-RO-001	106-RO-001:RESTRICTION ORIFICE	C	INST-05	Flow Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330229737	106-RO-002	106-RO-002:RESTRICTION ORIFICE	C	INST-05	Flow Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330229792	111-FE-202	111-FE-202:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229793	111-FE-205	111-FE-205:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229794	111-FE-210	111-FE-210:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229795	111-FE-240	111-FE-240:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229796	111-FE-300	111-FE-300:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229797	111-FE-302	111-FE-302:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229798	111-FE-305	111-FE-305:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229799	111-FE-310	111-FE-310:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229800	111-FE-340	111-FE-340:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229801	111-FE-400	111-FE-400:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229802	111-FG-223	111-FG-223:FLOW GAUGE	C	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229803	111-FG-314	111-FG-314:FLOW GAUGE	C	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229804	111-FG-321	111-FG-321:FLOW GAUGE	C	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229805	111-FG-322	111-FG-322:FLOW GAUGE	C	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229806	111-FG-323	111-FG-323:FLOW GAUGE	C	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229807	111-FG-414	111-FG-414:FLOW GAUGE	C	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229808	111-FG-421	111-FG-421:FLOW GAUGE	C	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229809	111-FG-422	111-FG-422:FLOW GAUGE	C	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229810	111-FG-423	111-FG-423:FLOW GAUGE	C	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229811	111-FG-922	111-FG-922:FLOW GAUGE	C	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229812	111-FIC-305	111-FIC-305:FIC, AUTO/MANUAL CONTROL STA	D	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229813	111-FIC-333C	111-FIC-333C:FIC, AUTO/MANUAL CONTROL ST	B	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229814	111-FIC-335C	111-FIC-335C:FIC, AUTO/MANUAL CONTROL ST	D	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330229815	111-FIC-405	111-FIC-405:FIC, AUTO/MANUAL CONTROL STA	D	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229816	111-FIC-433C	111-FIC-433C:FIC, AUTO/MANUAL CONTROL ST	B	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229817	111-FIC-435C	111-FIC-435C:FIC, AUTO/MANUAL CONTROL ST	D	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229818	111-FIQ-233	111-FIQ-233:FLOW TOTALIZER	D	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229819	111-FIQ-235	111-FIQ-235:FLOW TOTALIZER	D	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229820	111-FIT-200	111-FIT-200:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229821	111-FIT-202	111-FIT-202:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229822	111-FIT-205	111-FIT-205:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229823	111-FIT-210	111-FIT-210:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229824	111-FIT-211	111-FIT-211:FLOW INDICATOR TRANSMITTER	A	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229825	111-FT-240	111-FT-240:FLOW INDICATOR TRANSMITTER	B	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229826	111-FIT-300	111-FIT-300:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229827	111-FIT-302	111-FIT-302:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229828	111-FIT-305	111-FIT-305:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229829	111-FIT-310	111-FIT-310:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229830	111-FE-200	111-FE-200:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229831	111-FE-402	111-FE-402:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229832	111-FE-405	111-FE-405:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229833	111-FE-410	111-FE-410:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229834	111-FE-440	111-FE-440:FLOW ELEMENT	C	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229835	111-FG-214	111-FG-214:FLOW GAUGE	C	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229836	111-FG-221	111-FG-221:FLOW GAUGE	C	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229837	111-FG-222	111-FG-222:FLOW GAUGE	C	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229838	111-FIC-205	111-FIC-205:FIC, AUTO/MANUAL CONTROL STA	D	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229839	111-FIC-233C	111-FIC-233C:FIC, AUTO/MANUAL CONTROL ST	B	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229840	111-FIC-235C	111-FIC-235C:FIC, AUTO/MANUAL CONTROL ST	D	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229841	111-FIQ-333	111-FIQ-333:FLOW TOTALIZER	D	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229842	111-FIQ-335	111-FIQ-335:FLOW TOTALIZER	D	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229843	111-FIQ-433	111-FIQ-433:FLOW TOTALIZER	D	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229844	111-FIQ-435	111-FIQ-435:FLOW TOTALIZER	D	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229845	111-FIT-311	111-FIT-311:FLOW INDICATOR TRANSMITTER	A	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229846	111-FT-340	111-FT-340:FLOW INDICATOR TRANSMITTER	B	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229847	111-FIT-400	111-FIT-400:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229848	111-FIT-402	111-FIT-402:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229849	111-FIT-405	111-FIT-405:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229850	111-FIT-410	111-FIT-410:FLOW INDICATOR TRANSMITTER	D	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229851	111-FIT-411	111-FIT-411:FLOW INDICATOR TRANSMITTER	A	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229852	111-FT-440	111-FT-440:FLOW INDICATOR TRANSMITTER	B	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229878	111-FT-233	111-FT-233:FLOW TRANSMITTER	B	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229879	111-FT-235	111-FT-235:FLOW TRANSMITTER	D	INST-05	Flow Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229880	111-FT-333	111-FT-333:FLOW TRANSMITTER	B	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229881	111-FT-335	111-FT-335:FLOW TRANSMITTER	D	INST-05	Flow Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229882	111-FT-433	111-FT-433:FLOW TRANSMITTER	B	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229883	111-FT-435	111-FT-435:FLOW TRANSMITTER	D	INST-05	Flow Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230247	116-FO-172	116-FO-172:FLOW ORIFICE, FLOW TO SURFACE	C	INST-05	Flow Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330230248	116-FO-272	116-FO-272:FLOW ORIFICE, FLOW TO SURFACE	C	INST-05	Flow Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330278083	111-FIC-200C	111-FIC-200C:FLOW INDICATOR CONTROLLER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278084	111-FIC-300C	111-FIC-300C:FLOW INDICATOR CONTROLLER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278085	111-FIC-400C	111-FIC-400C:FLOW INDICATOR CONTROLLER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278086	111-FIC-210	111-FIC-210:FLOW INDICATOR CONTROLLER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278087	111-FIC-310	111-FIC-310:FLOW INDICATOR CONTROLLER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278088	111-FIC-410	111-FIC-410:FLOW INDICATOR CONTROLLER	D	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278089	111-FIC-240	111-FIC-240:FLOW INDICATOR CONTROLLER	B	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278090	111-FIC-340	111-FIC-340:FLOW INDICATOR CONTROLLER	B	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278091	111-FIC-440	111-FIC-440:FLOW INDICATOR CONTROLLER	B	INST-05	Flow Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330357766	110-FSLL-341	110-FSLL-341: CHILLED WATER FLOW SWITCH	C	INST-05	Flow Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330357774	110-FT-302	110-FT-302: 110-K-003 DISCHARGE FLOW TX	B	INST-05	Flow Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330520950	120-FI-1451	120-FI-1451:ROTAMETER FLOWMETER	C	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520951	120-FI-1452	120-FI-1452:ROTAMETER FLOWMETER	C	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520952	120-FIT-1001	120-FIT-1001:MAGNETIC FLOWMETER	C	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520953	120-FIT-1002	120-FIT-1002:MAGNETIC FLOWMETER	C	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520954	120-FIT-1140	120-FIT-1140:MAGNETIC FLOWMETER	C	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520955	120-FIT-1161	120-FIT-1161:MAGNETIC FLOWMETER	C	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520956	120-FIT-1162	120-FIT-1162:MAGNETIC FLOWMETER	C	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520957	120-FIT-1171	120-FIT-1171:MAGNETIC FLOWMETER	C	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520958	120-FIT-1251	120-FIT-1251:MAGNETIC FLOWMETER	C	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520959	120-FIT-1261	120-FIT-1261:MAGNETIC FLOWMETER	C	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520960	120-FIT-1331	120-FIT-1331:MAGNETIC FLOWMETER	C	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520961	120-FIT-1332	120-FIT-1332:MAGNETIC FLOWMETER	C	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520962	120-FIT-1341	120-FIT-1341:MAGNETIC FLOWMETER	C	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520963	120-FIT-1411	120-FIT-1411:MAGNETIC FLOWMETER	C	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520964	120-FIT-1412	120-FIT-1412:MAGNETIC FLOWMETER	C	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520965	120-FIT-1511	120-FIT-1511:MAGNETIC FLOWMETER	C	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330524914	000-FE-5001	000-FE-5001:ULTRASONIC FLOWMETER	C	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330524915	000-FE-5047	000-FE-5047:ORIFICE PLATE	C	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330524916	103-FE-5001	103-FE-5001:ORIFICE PLATE	C	INST-05	Flow Device	PIPING SYSTEM	Tankage Area	Zone 5
	330524917	103-FE-5002	103-FE-5002:ORIFICE PLATE	C	INST-05	Flow Device	PIPING SYSTEM	Tankage Area	Zone 5
	330524918	112-FE-001	112-FE-001:ORIFICE PLATE	C	MECH-05	Flow Device	AEROBIC TREATMENT AREA-120	Deaminraize Area	Zone 5
	330524919	112-FE-002	112-FE-002:ORIFICE PLATE	C	MECH-05	Flow Device	AEROBIC TREATMENT AREA-120	Deaminraize Area	Zone 5
	330524920	112-FE-003	112-FE-003:ORIFICE PLATE	C	MECH-05	Flow Device	AEROBIC TREATMENT AREA-120	Deaminraize Area	Zone 5
	330524921	113-FE-5012	113-FE-5012:ULTRASONIC FLOWMETER	C	MECH-05	Flow Device	AEROBIC TREATMENT AREA-120	Process Water Area	Zone 5
	330524922	117-FE-5001	117-FE-5001:ULTRASONIC FLOWMETER	C	MECH-05	Flow Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330524923	TF2-FE-2203	TF2-FE-2203:ORIFICE PLATE	C	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330524924	TF2-FE-2201	TF2-FE-2201:ORIFICE PLATE	C	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330524925	TF2-FE-2202	TF2-FE-2202:ORIFICE PLATE	C	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330524928	132-FE-5001	132-FE-5001:ULTRASONIC FLOWMETER	C	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330524929	132-FE-5004	132-FE-5004:ULTRASONIC FLOWMETER	C	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330524930	V84-FE-1123	V84-FE-1123:ORIFICE PLATE	C	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330524932	V84-FE-1121	V84-FE-1121:ORIFICE PLATE	C	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330524933	V84-FE-1122	V84-FE-1122:ORIFICE PLATE	C	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330524953	112-FIC-001	112-FIC-001:DIFF. PRESS. TRANSMITTER-FLO	D	MECH-05	Flow Device	AEROBIC TREATMENT AREA-120	Deaminraize Area	Zone 5
	330524965	000-FT-5047	000-FT-5047:DIFF. PRESS. TRANSMITTER-FLO	C	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330524966	103-FT-5001	103-FT-5001:DIFF. PRESS. TRANSMITTER-FLO	D	INST-05	Flow Device	PIPING SYSTEM	Tankage Area	Zone 5
	330524967	103-FT-5002	103-FT-5002:DIFF. PRESS. TRANSMITTER-FLO	D	INST-05	Flow Device	PIPING SYSTEM	Tankage Area	Zone 5
	330524968	TF2-FT-2203	TF2-FT-2203:DIFF. PRESS. TRANSMITTER-FLO	C	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330524969	TF2-FT-2201	TF2-FT-2201:DIFF. PRESS. TRANSMITTER-FLO	C	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330524970	TF2-FT-2202	TF2-FT-2202:DIFF. PRESS. TRANSMITTER-FLO	C	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330524976	V84-FT-1121	V84-FT-1121:DIFF. PRESS. TRANSMITTER-FLO	A	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330524977	V84-FT-1122	V84-FT-1122:DIFF. PRESS. TRANSMITTER-FLO	A	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330524978	V84-FT-1123	V84-FT-1123:DIFF. PRESS. TRANSMITTER-FLO	A	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330525324	100-FE-0006	100-FE-0006:POSITIVE DISPLACEMENT FLOW M	C	INST-05	Flow Device	PIPING SYSTEM	Acetic Acid Plant	Zone 5
	330525325	29-FE-220	29-FE-220:POSITIVE DISPLACEMENT FLOW MET	C	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330525326	29-FE-221	29-FE-221:POSITIVE DISPLACEMENT FLOW MET	C	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330525334	112-FIT-501	112-FIT-501:112-D-004 FLOW TRANSMITTER -	C	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525335	112-FE-501	112-FE-501:112-D-004 FLOW ORIFICE	C	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525340	112-FIT-601	112-FIT-601:112-D-005 FLOW TRANSMITTER -	C	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525341	112-FE-601	112-FE-601:112-D-005 FLOW ORIFICE	C	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330531560	120-RO-1161	120-RO-1161:RESTRICTIVE ORIFICE PLATE	C	INST-05	Flow Device	AEROBIC TREATMENT AREA-120		Zone 5
	330531962	120-FE-1303	120-FE-1303:FLOW NOZZLE FLOW ELEMENT	B	INST-03	Flow Device	PRETREATMENT AREA AREA-120		Zone 5
	330531968	120-FE-1302	120-FE-1302:FLOW NOZZLE FLOW ELEMENT	B	INST-03	Flow Device	PRETREATMENT AREA AREA-120		Zone 5
	330531970	120-FIT-1302	120-FIT-1302:FLOW TRANSMITTER	B	INST-03	Flow Device	PRETREATMENT AREA AREA-120		Zone 5
	330531974	120-FIT-1303	120-FIT-1303:FLOW TRANSMITTER	B	INST-03	Flow Device	PRETREATMENT AREA AREA-120		Zone 5
	330531975	120-FI-1661	120-FI-1661:ROTAMETER FLOWMETER	D	INST-03	Flow Device	PRETREATMENT AREA AREA-120		Zone 5
	330531976	120-FI-1471	120-FI-1471:ROTAMETER FLOWMETER	B	INST-03	Flow Device	PRETREATMENT AREA AREA-120		Zone 5
	330531977	120-FI-1541	120-FI-1541:ROTAMETER FLOWMETER	D	INST-03	Flow Device	PRETREATMENT AREA AREA-120		Zone 5
	330531978	120-FIT-1301	120-FIT-1301:FLOW TRANSMITTER	B	INST-03	Flow Device	PRETREATMENT AREA AREA-120		Zone 5
	330533765	V84-FE-1143	V84-FE-1143: Ultrasonic Flowmeter	C	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330533778	72-FM-151	72-FM-151: CORIOLIS METER	A	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330533779	72-FM-152	72-FM-152: CORIOLIS METER	A	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330533780	72-FM-153	72-FM-153: CORIOLIS METER	A	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330533781	72-FM-154	72-FM-154: CORIOLIS METER	A	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330533800	V84-FT-1143	V84-FT-1143: Ultrasonic Flow Transmitter	A	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330533807	72-FT-151	72-FT-151: CORIOLIS TRANSMITTER	A	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330533808	72-FT-152	72-FT-152: CORIOLIS TRANSMITTER	A	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330533809	72-FT-153	72-FT-153: CORIOLIS TRANSMITTER	A	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330533810	72-FT-154	72-FT-154: CORIOLIS TRANSMITTER	A	INST-05	Flow Device	PIPING SYSTEM		Zone 5
	330536474	113-FE-001	113-FE-001:ULTRASONIC FLOWMETER	D	INST-05	Flow Device	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330536475	113-FE-002	113-FE-002:ORIFICE PLATE	D	INST-05	Flow Device	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330536476	113-FE-003	113-FE-003:ORIFICE PLATE	D	INST-05	Flow Device	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330536477	112-FT-002	112-FT-002:DIFF. PRESS. TRANSMITTER-FLOW	D	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536478	112-FT-003	112-FT-003:DIFF. PRESS. TRANSMITTER-FLOW	D	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536479	113-FT-002	113-FT-002:DIFF. PRESS. TRANSMITTER-FLOW	D	INST-05	Flow Device	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330536480	113-FT-003	113-FT-003:DIFF. PRESS. TRANSMITTER-FLOW	D	INST-05	Flow Device	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330536490	112-FT-001	112-FT-001:DIFF. PRESS. TRANSMITTER-FLOW	D	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536491	112-FI-403	112-FI-403:Flow Indicator	D	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536496	112-FIT-401	112-FIT-401:Flow Transmitter - DP type	D	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536497	112-FE-401	112-FE-401:Flow Orifice	D	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536501	112-FIT-402	112-FIT-402:Flow Transmitter - DP type	C	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536502	112-FE-402	112-FE-402:Flow Orifice	D	INST-05	Flow Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	360006213	2125-FAH-001	2125-FAH-001:FLOW SWITCH	D	INST-05	Flow Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006239	2126-FAH-001	2126-FAH-001:FLOW SWITCH	D	INST-05	Flow Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006305	2127-FAH-001A	2127-FAH-001A:FLOW SWITCH	D	INST-05	Flow Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006306	2127-FAH-001B	2127-FAH-001B:FLOW SWITCH	D	INST-05	Flow Device	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
GENERATORS									
13	320038163	122-YEG-001	122-YEG-001:UTY-II EMERGENCY DIESEL GENE	A	ELEC-05	Generators	EMERGENCY POWER SYSTEM AREA-122		Zone 5
	320123300	EDG-120-01	EDG-120-01:EMERGENCY DIESEL GENERATOR (E	B	ELEC-03	Generators	PRETREATMENT AREA AREA-120		Zone 5
HEAT EXCHANGER									
14	310065074	109-E-002	109-E-002:REBOILER / CONDENSER	D	MECH-05	Heat Exchanger	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065077	109-E-003	109-E-003:DISPOSAL / PURGE VAPORISER	C	MECH-05	Heat Exchanger	STORAGE AREA AREA-109	N2 Plant	Zone 5
	310065079	109-E-004	109-E-004:LP LIQUID NITROGEN VAPORISER	C	MECH-05	Heat Exchanger	STORAGE AREA AREA-109	N2 Plant	Zone 5
	310065082	109-E-005	109-E-005:HP LIQUID NITROGEN VAPORISER	C	MECH-05	Heat Exchanger	STORAGE AREA AREA-109	N2 Plant	Zone 5
	310065085	109-E-007	109-E-007:INSTRUMENT AIR BACKUP VAPORISE	D	MECH-05	Heat Exchanger	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065087	109-E-008	109-E-008:MOLECULAR SIEVE HEATER	D	MECH-05	Heat Exchanger	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065090	109-E-110	109-E-110:CHILLIER CONDENSER	D	MECH-05	Heat Exchanger	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065092	109-E-009	109-E-009:CHILLIER EVAPORATOR	C	MECH-05	Heat Exchanger	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065181	109-Y-005	109-Y-005:COLD BOX	D	MECH-05	Heat Exchanger	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065188	109-Y-009	109-Y-009:CONDENSATE PACKAGE	D	MECH-05	Heat Exchanger	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	310065424	110-E-011	110-E-011:COMPRESSOR 3 ADDITIONAL AFTER	D	MECH-05	Heat Exchanger	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065425	110-E-012	110-E-012:COMPRESSOR 1 AFTER COOLER	D	MECH-05	Heat Exchanger	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065426	110-E-013	110-E-013:COMPRESSOR 2 AFTER COOLER	D	MECH-05	Heat Exchanger	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065427	110-E-014	110-E-014:COMPRESSOR 3 AFTER COOLER	D	MECH-05	Heat Exchanger	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065432	110-E-001	110-E-001:REGENERATION AIR COOLER	D	MECH-05	Heat Exchanger	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065433	110-E-002	110-E-002:REGENERATION AIR COOLER	D	MECH-05	Heat Exchanger	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065434	110-E-003	110-E-003:REGENERATION AIR HEATER	B	MECH-05	Heat Exchanger	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065435	110-E-004	110-E-004:REGENERATION AIR HEATER	B	MECH-05	Heat Exchanger	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065436	110-E-006	110-E-006:COMPRESSOR 1 LUBE OIL COOLER	B	MECH-05	Heat Exchanger	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065437	110-E-007	110-E-007:COMPRESSOR 2 LUBE OIL COOLER	D	MECH-05	Heat Exchanger	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065438	110-E-008	110-E-008:COMPRESSOR 3 LUBE OIL COOLER	D	MECH-05	Heat Exchanger	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065439	110-E-009	110-E-009:COMPRESSOR 1 ADDITIONAL AFTER	B	MECH-05	Heat Exchanger	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065440	110-E-010	110-E-010:COMPRESSOR 2 ADDITIONAL AFTER	D	MECH-05	Heat Exchanger	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065732	111-E-003	111-E-003:BOILER BLOWDOWN EXCHANGER	D	MECH-05	Heat Exchanger	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310065735	111-E-004	111-E-004:EXCESS STEAM CONDENSER	D	MECH-05	Heat Exchanger	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310067064	111-YE-001	111-YE-001:ECONOMIZER FOR BOILER 111-B-0	B	MECH-05	Heat Exchanger	BOILER # 01 AREA-111	Steam Area	Zone 5
	310067065	111-YE-002	111-YE-002:ECONOMIZER FOR BOILER 111-B-0	B	MECH-05	Heat Exchanger	BOILER # 02 AREA-111	Steam Area	Zone 5
	310067066	111-YE-003	111-YE-003:ECONOMIZER FOR BOILER 111-B-0	B	MECH-05	Heat Exchanger	BOILER # 03 AREA-111	Steam Area	Zone 5
	310067067	111-YE-004	111-YE-004:ECONOMIZER FOR BOILER 111-B-0	B	MECH-05	Heat Exchanger	BOILER # 04 AREA-111	Steam Area	Zone 5
	310067109	116-E-001B	116-E-001B:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067110	116-E-001C	116-E-001C:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067111	116-E-001D	116-E-001D:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067112	116-E-001E	116-E-001E:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067113	116-E-001F	116-E-001F:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067114	116-E-001G	116-E-001G:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067115	116-E-001H	116-E-001H:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067116	116-E-001I	116-E-001I:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067117	116-E-001J	116-E-001J:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067118	116-E-001T	116-E-001T:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067132	116-E-001A	116-E-001A:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067133	116-E-001K	116-E-001K:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067134	116-E-001L	116-E-001L:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067135	116-E-001M	116-E-001M:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067136	116-E-001N	116-E-001N:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067137	116-E-001O	116-E-001O:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067138	116-E-001P	116-E-001P:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067139	116-E-001Q	116-E-001Q:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067140	116-E-001R	116-E-001R:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067141	116-E-001S	116-E-001S:COOLING WATER PLATE HEAT EXCH	B	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067203	117-GE-001	117-GE-001:LP CONDENSER FOR TURBINE 117-	C	MECH-05	Heat Exchanger	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310067204	117-GE-002	117-GE-002:INTER CONDENSER FOR 117-GE-00	C	MECH-05	Heat Exchanger	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310067205	117-GE-003	117-GE-003:AFTER CONDENSER FOR 117-GE-00	C	MECH-05	Heat Exchanger	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310067211	117-GE-004	117-GE-004:LUBE OIL COOLER FOR TURBINE 1	C	MECH-05	Heat Exchanger	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310067212	117-GE-005	117-GE-005:GLAND CONDENSER FOR TURBINE 1	C	MECH-05	Heat Exchanger	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310067390	120-E-001	120-E-001:PRE AEROBIC PLATE HEAT EXCHANG	B	MECH-05	Heat Exchanger	BELT PRESS PROCESS AREA-120		Zone 5
	310067391	120-E-002	120-E-002:PRE AEROBIC PLATE HEAT EXCHANG	B	MECH-05	Heat Exchanger	BELT PRESS PROCESS AREA-120		Zone 5
	310068144	122-E-001	122-E-001:ENGINE COOLING HEAT EXCHANGER	B	MECH-05	Heat Exchanger	EMERGENCY POWER SYSTEM AREA-122		Zone 5
	310068145	122-E-002	122-E-002:ENGINE INTER COOLER	B	MECH-05	Heat Exchanger	EMERGENCY POWER SYSTEM AREA-122		Zone 5
	310080286	109-E-013	109-E-013:COMPRESSOR LUBE OIL COOLER	D	MECH-05	Heat Exchanger	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	310080287	109-E-014	109-E-014:EXPANDER LUBE OIL COOLER	D	MECH-05	Heat Exchanger	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	310080338	111-E-004A	111-E-004A:FIN FAN	C	MECH-05	Heat Exchanger	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310080341	111-E-004B	111-E-004B:FIN FAN	C	MECH-05	Heat Exchanger	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310080344	111-E-004C	111-E-004C:FIN FAN	C	MECH-05	Heat Exchanger	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310080347	111-E-004D	111-E-004D:FIN FAN	C	MECH-05	Heat Exchanger	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310080350	111-E-004E	111-E-004E:FIN FAN	C	MECH-05	Heat Exchanger	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310080357	111-E-004F	111-E-004F:FIN FAN	C	MECH-05	Heat Exchanger	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310080360	111-E-004G	111-E-004G:FIN FAN	C	MECH-05	Heat Exchanger	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310080363	111-E-004H	111-E-004H:FIN FAN	C	MECH-05	Heat Exchanger	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310080366	111-E-004I	111-E-004I:FIN FAN	C	MECH-05	Heat Exchanger	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310080368	111-E-004J	111-E-004J:FIN FAN	C	MECH-05	Heat Exchanger	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310080370	111-E-004K	111-E-004K:FIN FAN	C	MECH-05	Heat Exchanger	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310080375	111-E-004L	111-E-004L:FIN FAN	C	MECH-05	Heat Exchanger	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310082451	115-GE-001	115-GE-001:LP CONDENSER FOR TURBINE 115-	C	MECH-05	Heat Exchanger	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082452	115-GE-002	115-GE-002:LP CONDENSER FOR TURBINE 115-	C	MECH-05	Heat Exchanger	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082453	115-GE-007	115-GE-007:LUBE OIL COOLER FOR TURBINE 1	C	MECH-05	Heat Exchanger	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082454	115-GE-008	115-GE-008:LUBE OIL COOLER FOR TURBINE 1	C	MECH-05	Heat Exchanger	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082455	115-GE-009	115-GE-009:GLAND CONDENSER FOR TURBINE 1	C	MECH-05	Heat Exchanger	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082457	115-GE-010	115-GE-010:GLAND CONDENSER FOR TURBINE 1	C	MECH-05	Heat Exchanger	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082535	115-GE-003	115-GE-003:INTER CONDENSER FOR 115-GE-00	C	MECH-05	Heat Exchanger	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082536	115-GE-004	115-GE-004:INTER CONDENSER FOR 115-GE-00	C	MECH-05	Heat Exchanger	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082537	115-GE-005	115-GE-005:INTER CONDENSER FOR 115-GE-00	C	MECH-05	Heat Exchanger	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082538	115-GE-006	115-GE-006:INTER CONDENSER FOR 115-GE-00	C	MECH-05	Heat Exchanger	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082552	116-GE-001	116-GE-001:LP CONDENSER FOR TURBINE 116-	C	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082553	116-GE-002	116-GE-002:LP CONDENSER FOR TURBINE 116-	C	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082554	116-GE-007	116-GE-007:LUBE OIL COOLER FOR TURBINE 1	C	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082555	116-GE-008	116-GE-008:LUBE OIL COOLER FOR TURBINE 1	C	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082556	116-GE-009	116-GE-009:GLAND CONDENSER FOR TURBINE 1	C	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082557	116-GE-010	116-GE-010:GLAND CONDENSER FOR TURBINE 1	C	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082580	116-GE-003	116-GE-003:INTER CONDENSER FOR 116-GE-00	C	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082581	116-GE-004	116-GE-004:AFTER CONDENSER FOR 116-GE-00	C	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082582	116-GE-005	116-GE-005:INTER CONDENSER FOR 116-GE-00	C	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082583	116-GE-006	116-GE-006:AFTER CONDENSER FOR 116-GE-00	C	MECH-05	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320049631	109-E-006	109-E-006:GASEOUS NITROGEN ELECTRIC TRIM	D	ELEC-05	Heat Exchanger	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320049632	109-E-011	109-E-011:COMPRESSOR LUBE OIL HEATER	D	ELEC-05	Heat Exchanger	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320049633	109-E-012	109-E-012:COMPRESSOR LUBE OIL HEATER	D	ELEC-05	Heat Exchanger	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320123187	120-AC-01A	120-AC-01A:AIR CONDENSING UNIT	D	WKSH-05	Heat Exchanger	AEROBIC TREATMENT AREA-120		Zone 5
	320123188	120-AC-01B	120-AC-01B:AIR CONDENSING UNIT	C	WKSH-05	Heat Exchanger	AEROBIC TREATMENT AREA-120		Zone 5
	310256885	109-E-108	109-E-108:Third Stage of Nitrogen Cooler	D	MECH-05	Heat Exchanger	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	310259514	109-E-107	109-E-107:Second Stage Nitrogen Cooler	D	MECH-05	Heat Exchanger	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	310259515	109-E-106	109-E-106:First Stage Nitrogen Cooler	D	MECH-05	Heat Exchanger	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	310262475	110-E-101	110-E-101: K-001 1st Stage Intercooler	B	MECH-05	Heat Exchanger	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310262476	110-E-102	110-E-102: K-001 2nd Stage Intercooler	B	MECH-05	Heat Exchanger	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310262477	110-E-201	110-E-201: K-002 1st Stage Intercooler	B	MECH-05	Heat Exchanger	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310262478	110-E-202	110-E-202: K-002 2nd Stage Intercooler	B	MECH-05	Heat Exchanger	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310262479	110-E-301	110-E-301: K-003 1ST STAGE INTERCOOLER	B	MECH-05	Heat Exchanger	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310262480	110-E-302	110-E-302: K-003 2nd STAGE INTERCOOLER	B	MECH-05	Heat Exchanger	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310309853	109-E-109	109-E-109: N2 MAC Aftercooler	D	MECH-05	Heat Exchanger	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	310654021	120-E-115A	120-E-115A:1ST WASTEWATER COOLER	C	MECH-05	Heat Exchanger	AEROBIC TREATMENT AREA-120		Zone 5
	310654022	120-E-115B	120-E-115B:1ST WASTEWATER COOLER	C	MECH-05	Heat Exchanger	AEROBIC TREATMENT AREA-120		Zone 5
	310654023	120-E-115C	120-E-115C:1ST WASTEWATER COOLER	C	MECH-05	Heat Exchanger	AEROBIC TREATMENT AREA-120		Zone 5
	310654024	120-E-115D	120-E-115D:1ST WASTEWATER COOLER	C	MECH-05	Heat Exchanger	AEROBIC TREATMENT AREA-120		Zone 5
	310654025	120-E-116A	120-E-116A:2ND WASTEWATER COOLER	C	MECH-05	Heat Exchanger	AEROBIC TREATMENT AREA-120		Zone 5
	310654026	120-E-116B	120-E-116B:2ND WASTEWATER COOLER	C	MECH-05	Heat Exchanger	AEROBIC TREATMENT AREA-120		Zone 5
	310654027	120-E-116C	120-E-116C:2ND WASTEWATER COOLER	C	MECH-05	Heat Exchanger	AEROBIC TREATMENT AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310655036	116-E-001U	116-E-001U:COOLING WATER 1 PLATE AND FRA	B	MECH-02	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310655037	116-E-001V	116-E-001V:COOLING WATER 1 PLATE AND FRA	B	MECH-02	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310655038	116-E-001W	116-E-001W:COOLING WATER 1 PLATE AND FRA	B	MECH-02	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310655039	116-E-001X	116-E-001X:COOLING WATER 1 PLATE AND FRA	B	MECH-02	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310655040	116-E-001Y	116-E-001Y:COOLING WATER 1 PLATE AND FRA	B	MECH-02	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310655041	116-E-001Z	116-E-001Z:COOLING WATER 1 PLATE AND FRA	B	MECH-02	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310655042	117-E-023A	117-E-023A:COOLING WATER 2 PLATE AND FRA	C	MECH-02	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area 2	Zone 5
	310655046	117-E-023E	117-E-023E:COOLING WATER 2 PLATE AND FRA	C	MECH-02	Heat Exchanger	PLATE HEAT EXCHANGER AREA116	Cooling Water Area 2	Zone 5
	310734427	120-E-154A	120-E-154A Re-boiler	C	MECH-05	Heat Exchanger	AEROBIC TREATMENT AREA-120		Zone 5
	310734428	120-E-154B	120-E-154B Top cooler	C	MECH-05	Heat Exchanger	AEROBIC TREATMENT AREA-120		Zone 5
	310734429	120-E-154C	120-E-154C 1st bottom cooler	C	MECH-05	Heat Exchanger	AEROBIC TREATMENT AREA-120		Zone 5
	310734430	120-E-154D	120-E-154D 2nd bottom cooler	B	MECH-05	Heat Exchanger	AEROBIC TREATMENT AREA-120		Zone 5
	320125336	TF2-AC-2211A	TF2-AC-2211A: Air Cooled CondensingUnit	C	WKSH-05	Heat Exchanger	PIPING SYSTEM		Zone 5
	320125344	Y-7203A-ACU	Y-7203A-ACU : Air Cooled Condensing Unit	C	WKSH-05	Heat Exchanger	PIPING SYSTEM		Zone 5
	320125353	134-AC-31A	134-AC-31A: Air Cooled condensing Unit	C	WKSH-05	Heat Exchanger	PIPING SYSTEM		Zone 5
	320125364	TF2-AC-2211B	TF2-AC-2211B: Air Cooled CondensingUnit	C	WKSH-05	Heat Exchanger	PIPING SYSTEM		Zone 5
	320125398	134-AC-31B	134-AC-31B: Air Cooled condensing Unit	C	WKSH-05	Heat Exchanger	PIPING SYSTEM		Zone 5
	320125400	Y-7203B-ACU	Y-7203B-ACU : Air Cooled Condensing Unit	C	WKSH-05	Heat Exchanger	PIPING SYSTEM		Zone 5
HOIST									
15	310067265	119-V-001	119-V-001:DEMOUNTING WINCH	D	MECH-05	Hoist	FLARE SYSTEM AREA-119		Zone 5
	310067266	119-V-002	119-V-002:DEMOUNTING WINCH	D	MECH-05	Hoist	FLARE SYSTEM AREA-119		Zone 5
	310069132	154-V-001	154-V-001:115 KV SWITCH ROOM O/H TRAVELI	D	MECH-05	Hoist	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320123284	120-H-102A	120-H-102A:MAINTENANCE HOIST FOR DEWATER	C	MECH-05	Hoist	AEROBIC TREATMENT AREA-120		Zone 5
	320123285	120-H-102B	120-H-102B:MAINTENANCE HOIST FOR DEWATER	C	MECH-05	Hoist	AEROBIC TREATMENT AREA-120		Zone 5
	320123286	120-H-142A	120-H-142A:MAINTENANCE HOIST FOR DEWATER	C	MECH-05	Hoist	AEROBIC TREATMENT AREA-120		Zone 5
	320123287	120-H-142B	120-H-142B:MAINTENANCE HOIST FOR DEWATER	C	MECH-05	Hoist	AEROBIC TREATMENT AREA-120		Zone 5
HVAC									
16	320042857	103-AC-U01	103-AC-U01:UTY - 103 TANKAGE SUB STATION	D	WKSH-05	HVAC	UTILITY-2 MAIN SUBSTATION AREA-000	Tankage Area	Zone 5
	320042859	103-AC-U02	103-AC-U02:UTY - 103 TANKAGE SUB STATION	D	WKSH-05	HVAC	UTILITY-2 MAIN SUBSTATION AREA-000	Tankage Area	Zone 5
	320042861	103-AC-U03	103-AC-U03:UTY - 103 TANKAGE SUB STATION	D	WKSH-05	HVAC	UTILITY-2 MAIN SUBSTATION AREA-000	Tankage Area	Zone 5
	320042863	103-AC-U04	103-AC-U04:UTY - 103 TANKAGE SUB STATION	D	WKSH-05	HVAC	UTILITY-2 MAIN SUBSTATION AREA-000	Tankage Area	Zone 5
	320042865	103-AC-U05	103-AC-U05:UTY - 103 TANKAGE SUB STATION	D	WKSH-05	HVAC	UTILITY-2 MAIN SUBSTATION AREA-000	Tankage Area	Zone 5
	320042867	103-AC-U06	103-AC-U06:UTY - 103 TANKAGE SUB STATION	D	WKSH-05	HVAC	UTILITY-2 MAIN SUBSTATION AREA-000	Tankage Area	Zone 5
	320042920	110-AC-U03	110-AC-U03:UTY2 - 110 SUB STATION	D	WKSH-05	HVAC	UTILITY-2 PACKAGE SUBSTATION AREA-000	Compressor Area	Zone 5
	320042921	110-AC-F03	110-AC-F03:UTY2 - 110 SUB STATION	D	WKSH-05	HVAC	UTILITY-2 PACKAGE SUBSTATION AREA-000	Compressor Area	Zone 5
	320042922	110-AC-U04	110-AC-U04:UTY2 - 110 SUB STATION	D	WKSH-05	HVAC	UTILITY-2 PACKAGE SUBSTATION AREA-000	Compressor Area	Zone 5
	320042923	110-AC-F04	110-AC-F04:UTY2 - 110 SUB STATION	D	WKSH-05	HVAC	UTILITY-2 PACKAGE SUBSTATION AREA-000	Compressor Area	Zone 5
	320042924	110-AC-U05	110-AC-U05:UTY2 - 110 SUB STATION	D	WKSH-05	HVAC	UTILITY-2 PACKAGE SUBSTATION AREA-000	Compressor Area	Zone 5
	320042925	110-AC-F05	110-AC-F05:UTY2 - 110 SUB STATION	D	WKSH-05	HVAC	UTILITY-2 PACKAGE SUBSTATION AREA-000	Compressor Area	Zone 5
	320042926	110-AC-U06	110-AC-U06:UTY2 - 110 SUB STATION	D	WKSH-05	HVAC	UTILITY-2 PACKAGE SUBSTATION AREA-000	Compressor Area	Zone 5
	320042927	110-AC-F06	110-AC-F06:UTY2 - 110 SUB STATION	D	WKSH-05	HVAC	UTILITY-2 PACKAGE SUBSTATION AREA-000	Compressor Area	Zone 5
	320042928	110-AC-U07	110-AC-U07:UTY2 - 110 SUB STATION	D	WKSH-05	HVAC	UTILITY-2 PACKAGE SUBSTATION AREA-000	Compressor Area	Zone 5
	320042929	110-AC-F07	110-AC-F07:UTY2 - 110 SUB STATION	D	WKSH-05	HVAC	UTILITY-2 PACKAGE SUBSTATION AREA-000	Compressor Area	Zone 5
	320042930	110-AC-U08	110-AC-U08:UTY2 - 110 SUB STATION	D	WKSH-05	HVAC	UTILITY-2 PACKAGE SUBSTATION AREA-000	Compressor Area	Zone 5
	320042931	110-AC-F08	110-AC-F08:UTY2 - 110 SUB STATION	D	WKSH-05	HVAC	UTILITY-2 PACKAGE SUBSTATION AREA-000	Compressor Area	Zone 5
	320042932	110-AC-U09	110-AC-U09:UTY2 - 110 SUB STATION	D	WKSH-05	HVAC	UTILITY-2 PACKAGE SUBSTATION AREA-000	Compressor Area	Zone 5
	320042933	110-AC-F09	110-AC-F09:UTY2 - 110 SUB STATION	D	WKSH-05	HVAC	UTILITY-2 PACKAGE SUBSTATION AREA-000	Compressor Area	Zone 5
	320042934	110-AC-U10	110-AC-U10:UTY2 - 110 SUB STATION	D	WKSH-05	HVAC	UTILITY-2 PACKAGE SUBSTATION AREA-000	Compressor Area	Zone 5
	320042935	110-AC-F10	110-AC-F10:UTY2 - 110 SUB STATION	D	WKSH-05	HVAC	UTILITY-2 PACKAGE SUBSTATION AREA-000	Compressor Area	Zone 5
	320042936	111-AC-U05	111-AC-U05:UTY2 - 111 BOILER ANALIZER -	D	WKSH-05	HVAC	BOILER # 01 AREA-111	Steam Area	Zone 5
	320042938	111-AC-U06	111-AC-U06:UTY2 - 111 BOILER ANALIZER -	D	WKSH-05	HVAC	BOILER # 02 AREA-111	Steam Area	Zone 5
	320042942	111-AC-U08	111-AC-U08:UTY2 - 111 BOILER ANALIZER -	D	WKSH-05	HVAC	BOILER # 04 AREA-111	Steam Area	Zone 5
	320042962	154-AC-F03	154-AC-F03:UTY2 - 154 MAIN SUB STATION	D	WKSH-05	HVAC	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320042963	154-AC-U01	154-AC-U01:UTY2 - 154 MAIN SUB STATION	D	WKSH-05	HVAC	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320042964	154-AC-U02	154-AC-U02:UTY2 - 154 MAIN SUB STATION	D	WKSH-05	HVAC	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320042965	154-AC-U03	154-AC-U03:UTY2 - 154 MAIN SUB STATION	D	WKSH-05	HVAC	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320123386	120-AH-01A	120-AH-01A:AIR HANDLING UNIT	C	WKSH-05	HVAC	AEROBIC TREATMENT AREA-120		Zone 5
	320123387	120-AH-01B	120-AH-01B:AIR HANDLING UNIT	C	WKSH-05	HVAC	AEROBIC TREATMENT AREA-120		Zone 5
	320125342	TF2-EH-2211	TF2-EH-2211 : Electric Heater	C	ELEC-05	HVAC	PIPING SYSTEM		Zone 5
	320125343	TF2-EH-2212	TF2-EH-2211 : Electric Heater	C	ELEC-05	HVAC	PIPING SYSTEM		Zone 5
	320125373	TF2-RAC-2201B	TF2-RAC-2201B: Packaged Roof Top Air Con	C	WKSH-05	HVAC	PIPING SYSTEM		Zone 5
	320125374	TF2-AH-2211B	TF2-AH-2211B: Air Handling Unit	C	WKSH-05	HVAC	PIPING SYSTEM		Zone 5
	320125375	Y-7203A-AHU	Y-7203A-AHU : Air Handling Unit	C	WKSH-05	HVAC	PIPING SYSTEM		Zone 5
	320125377	134-AH-31A	134-AH-31A: Air Handling Unit	C	WKSH-05	HVAC	PIPING SYSTEM		Zone 5
	320125384	TF2-RAC-2201A	TF2-RAC-2201A: Packaged Roof Top Air Con	C	WKSH-05	HVAC	PIPING SYSTEM		Zone 5
	320125385	TF2-AH-2211A	TF2-AH-2211A: Air Handling Unit	C	WKSH-05	HVAC	PIPING SYSTEM		Zone 5
	320125391	134-AH-31B	134-AH-31B: Air Handling Unit	C	WKSH-05	HVAC	PIPING SYSTEM		Zone 5
	320125402	Y-7203B-AHU	Y-7203B-AHU : Air Handling Unit	C	WKSH-05	HVAC	PIPING SYSTEM		Zone 5
	320042800	120-AC-W01	120-AC-W01:PTA - 120 ETP CONTAINER	D	WKSH-05	HVAC	LOCAL CONTROL ROOM AREA-120		Zone 5
	320042801	120-AC-W02	120-AC-W02:PTA - 120 ETP CONTAINER	D	WKSH-05	HVAC	LOCAL CONTROL ROOM AREA-120		Zone 5
	320042802	120-AC-W03	120-AC-W03:PTA - 120 ETP CONTAINER	D	WKSH-05	HVAC	LOCAL CONTROL ROOM AREA-120		Zone 5
	320042803	120-AC-W04	120-AC-W04:PTA - 120 ETP PANEL	D	WKSH-05	HVAC	LOCAL CONTROL ROOM AREA-120		Zone 5
	320042804	120-AC-W05	120-AC-W05:PTA - 120 ETP PANEL	D	WKSH-05	HVAC	LOCAL CONTROL ROOM AREA-120		Zone 5
	320042805	120-AC-W06	120-AC-W06:PTA - 120 ETP PANEL	D	WKSH-05	HVAC	LOCAL CONTROL ROOM AREA-120		Zone 5
	320042858	103-AC-F01	103-AC-F01:UTY - 103 TANKAGE SUB STATION	D	WKSH-05	HVAC	UTILITY-2 MAIN SUBSTATION AREA-000	Tankage Area	Zone 5
	320042860	103-AC-F02	103-AC-F02:UTY - 103 TANKAGE SUB STATION	D	WKSH-05	HVAC	UTILITY-2 MAIN SUBSTATION AREA-000	Tankage Area	Zone 5
	320042862	103-AC-F03	103-AC-F03:UTY - 103 TANKAGE SUB STATION	D	WKSH-05	HVAC	UTILITY-2 MAIN SUBSTATION AREA-000	Tankage Area	Zone 5
	320042864	103-AC-F04	103-AC-F04:UTY - 103 TANKAGE SUB STATION	D	WKSH-05	HVAC	UTILITY-2 MAIN SUBSTATION AREA-000	Tankage Area	Zone 5
	320042866	103-AC-F05	103-AC-F05:UTY - 103 TANKAGE SUB STATION	D	WKSH-05	HVAC	UTILITY-2 MAIN SUBSTATION AREA-000	Tankage Area	Zone 5
	320042868	103-AC-F06	103-AC-F06:UTY - 103 TANKAGE SUB STATION	D	WKSH-05	HVAC	UTILITY-2 MAIN SUBSTATION AREA-000	Tankage Area	Zone 5
	320042898	107-AC-W01	107-AC-W01:UTY2 - 107 FUEL GAS ANALIZER	D	WKSH-05	HVAC	FUEL GAS SYSTEM AREA-107		Zone 5
	320042899	107-AC-W02	107-AC-W02:UTY2 - 107 FUEL GAS ANALIZER	D	WKSH-05	HVAC	FUEL GAS SYSTEM AREA-107		Zone 5
	320042900	109-AC-U01	109-AC-U01:UTY2 - 109 N2 CONTROL ROOM -	D	WKSH-05	HVAC	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320042901	109-AC-F01	109-AC-F01:UTY2 - 109 N2 CONTROL ROOM -	D	WKSH-05	HVAC	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320042902	109-AC-U02	109-AC-U02:UTY2 - 109 N2 CONTROL ROOM -	D	WKSH-05	HVAC	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320042903	109-AC-F02	109-AC-F02:UTY2 - 109 N2 CONTROL ROOM -	D	WKSH-05	HVAC	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320042904	109-AC-U03	109-AC-U03:UTY2 - 109 N2 CONTROL ROOM -	D	WKSH-05	HVAC	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320042905	109-AC-F03	109-AC-F03:UTY2 - 109 N2 CONTROL ROOM -	D	WKSH-05	HVAC	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320042906	109-AC-U04	109-AC-U04:UTY2 - 109 N2 CONTROL ROOM -	D	WKSH-05	HVAC	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320042907	109-AC-F04	109-AC-F04:UTY2 - 109 N2 CONTROL ROOM -	D	WKSH-05	HVAC	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320042908	109-AC-U05	109-AC-U05:UTY2 - 109 COMPRESSOR CONTROL	D	WKSH-05	HVAC	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	320042909	109-AC-F05	109-AC-F05:UTY2 - 109 COMPRESSOR CONTROL	D	WKSH-05	HVAC	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	320042910	109-AC-U06	109-AC-U06:UTY2 - 109 COMPRESSOR CONTROL	D	WKSH-05	HVAC	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	320042911	109-AC-F06	109-AC-F06:UTY2 - 109 COMPRESSOR CONTROL	D	WKSH-05	HVAC	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	320042912	109-AC-U07	109-AC-U07:UTY2 - 109 CONTROL PANEL	D	WKSH-05	HVAC	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	320042913	109-AC-U08	109-AC-U08:UTY2 - 109 CONTROL PANEL	D	WKSH-05	HVAC	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	320042914	109-AC-U09	109-AC-U09:UTY2 - 109 CONTROL PANEL	D	WKSH-05	HVAC	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	320042915	109-AC-U10	109-AC-U10:UTY2 - 109 CONTROL PANEL	D	WKSH-05	HVAC	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	320042916	110-AC-U01	110-AC-U01:UTY2 - 110 AIR COMPRESSOR PLC	D	WKSH-05	HVAC	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320042917	110-AC-F01	110-AC-F01:UTY2 - 110 AIR COMPRESSOR PLC	D	WKSH-05	HVAC	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320042918	110-AC-U02	110-AC-U02:UTY2 - 110 AIR COMPRESSOR PLC	D	WKSH-05	HVAC	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320042919	110-AC-F02	110-AC-F02:UTY2 - 110 AIR COMPRESSOR PLC	D	WKSH-05	HVAC	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320042937	111-AC-F05	111-AC-F05:UTY2 - 111 BOILER ANALIZER -	D	WKSH-05	HVAC	BOILER # 01 AREA-111	Steam Area	Zone 5
	320042939	111-AC-F06	111-AC-F06:UTY2 - 111 BOILER ANALIZER -	D	WKSH-05	HVAC	BOILER # 02 AREA-111	Steam Area	Zone 5
	320042940	111-AC-U07	111-AC-U07:UTY2 - 111 BOILER ANALIZER -	D	WKSH-05	HVAC	BOILER # 03 AREA-111	Steam Area	Zone 5
	320042941	111-AC-F07	111-AC-F07:UTY2 - 111 BOILER ANALIZER -	D	WKSH-05	HVAC	BOILER # 03 AREA-111	Steam Area	Zone 5
	320042943	111-AC-F08	111-AC-F08:UTY2 - 111 BOILER ANALIZER -	C	WKSH-05	HVAC	BOILER # 04 AREA-111	Steam Area	Zone 5
	320042944	111-AC-U09	111-AC-U09:UTY2 - 111 BOILER PANEL	D	WKSH-05	HVAC	BOILER # 01 AREA-111	Steam Area	Zone 5
	320042945	111-AC-U10	111-AC-U10:UTY2 - 111 BOILER PANEL	D	WKSH-05	HVAC	BOILER # 02 AREA-111	Steam Area	Zone 5
	320042946	111-AC-U11	111-AC-U11:UTY2 - 111 BOILER PANEL	D	WKSH-05	HVAC	BOILER # 03 AREA-111	Steam Area	Zone 5
	320042947	111-AC-U12	111-AC-U12:UTY2 - 111 BOILER PANEL	D	WKSH-05	HVAC	BOILER # 04 AREA-111	Steam Area	Zone 5
	320042948	111-AC-U01	111-AC-U01:UTY2 - 111 BOILER PLC ROOM -	D	WKSH-05	HVAC	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	320042949	111-AC-F01	111-AC-F01:UTY2 - 111 BOILER PLC ROOM -	C	WKSH-05	HVAC	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	320042950	111-AC-U02	111-AC-U02:UTY2 - 111 BOILER PLC ROOM -	D	WKSH-05	HVAC	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	320042951	111-AC-F02	111-AC-F02:UTY2 - 111 BOILER PLC ROOM -	C	WKSH-05	HVAC	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	320042952	111-AC-U03	111-AC-U03:UTY2 - 111 BOILER PLC ROOM -	D	WKSH-05	HVAC	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	320042953	111-AC-F03	111-AC-F03:UTY2 - 111 BOILER PLC ROOM -	C	WKSH-05	HVAC	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	320042954	111-AC-U04	111-AC-U04:UTY2 - 111 BOILER PLC ROOM -	D	WKSH-05	HVAC	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	320042955	111-AC-F04	111-AC-F04:UTY2 - 111 BOILER PLC ROOM -	C	WKSH-05	HVAC	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	320042956	112-AC-U01	112-AC-U01:UTY2 - 112 DEMIN MCC ROOM	D	WKSH-05	HVAC	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320042957	112-AC-U02	112-AC-U02:UTY2 - 112 DEMIN MCC ROOM	D	WKSH-05	HVAC	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320042958	115-AC-U01	115-AC-U01:UTY2 - 115 SEA WATER PLC	D	WKSH-05	HVAC	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320042959	116-AC-U01	116-AC-U01:UTY2 - 116 COOL WATER PLC	D	WKSH-05	HVAC	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	320042960	116-AC-W01	116-AC-W01:UTY2 - 116 COOL WATER PLC	D	WKSH-05	HVAC	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	320042961	117-AC-U01	117-AC-U01:UTY2 - 117 CHILLED WATER PLC	D	WKSH-05	HVAC	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	320042978	163-AC-U01	163-AC-U01:UTY2 - 163 SATELITE WORK SHOP	D	WKSH-05	HVAC	MECHANICAL WORK SHOP		Zone 5
	320042979	164-AC-U01	164-AC-U01:UTY2 - 164 OPERATION SHELTOR	D	WKSH-05	HVAC	OPERATOR SHELTER		Zone 5
INDICATION CONTROLLER									

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
17	360006160	163-VA-001	163-VA-001:VISUAL ALARM	D	INST-05	Indication Controll.	MECHANICAL WORK SHOP		Zone 5
	360006161	164-VA-001	164-VA-001:VISUAL ALARM	D	INST-05	Indication Controll.	OPERATOR SHELTER		Zone 5
	360006441	2204-1-AA-001A	2204-1-AA-001A:AUDIBLE ALARM	D	INST-05	Indication Controll.	MECHANICAL WORK SHOP		Zone 5
	360006498	2201-AA-001	2201-AA-001:AUDIBLE ALARM	D	INST-05	Indication Controll.	OPERATOR SHELTER		Zone 5
	360006507	2204-3-AA-001A	2204-3-AA-001A:AUDIBLE ALARM	D	INST-05	Indication Controll.	MECHANICAL WORK SHOP		Zone 5
	360020248	000-AA-003	000-AA-003: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360020249	000-AA-004	000-AA-004: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360020250	000-AA-005	000-AA-005: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360020251	000-AA-006	000-AA-006: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360020252	000-AA-007	000-AA-007: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360020253	000-AA-008	000-AA-008: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360020254	000-AA-009	000-AA-009: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360020255	000-AA-010	000-AA-010: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360020256	000-AA-011	000-AA-011: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360020257	000-AA-012	000-AA-012: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360020258	000-AA-013	000-AA-013: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360020259	000-AA-014	000-AA-014: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360020260	000-AA-015	000-AA-015: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360020261	000-AA-016	000-AA-016: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360020262	000-AA-017	000-AA-017: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360020263	000-AA-018	000-AA-018: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360020264	000-AA-019	000-AA-019: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360020265	000-AA-020	000-AA-020: ELECTRICAL HORN	C	INST-05	Indication Controll.	PIPING SYSTEM		Zone 5
	360022390	TF2-AA-2240	TF2-AA-2240: AIR HORN	C	EHSS-01	Indication Controll.	PIPING SYSTEM		Zone 5
	360022502	TF2-PI-2219	TF2-PI-2219 : FROM N-125-690-3/4" to N-1	C	EHSS-01	Indication Controll.	PIPING SYSTEM		Zone 5
	330189413	000-LI-020	000-LI-020:LEVEL INDICATOR, REMOTE	D	INST-05	Indication Controll.	SANITARY WASTE WATER AREA-000		Zone 5
	330190284	106-LI-001A	106-LI-001A:LEVEL INDICATOR	D	INST-05	Indication Controll.	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190285	106-LI-003A	106-LI-003A:LEVEL INDICATOR	D	INST-05	Indication Controll.	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190364	108-LI-001A	108-LI-001A:LEVEL INDICATOR	D	INST-05	Indication Controll.	DIESEL SYSTEM AREA-108		Zone 5
	330190394	109-FI-030	109-FI-030:FLOW INDICATOR	D	INST-05	Indication Controll.	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190395	109-FI-031A	109-FI-031A:FLOW INDICATOR, GASEOUS NITR	D	INST-05	Indication Controll.	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190396	109-FI-112	109-FI-112:FLOW INDICATOR	D	INST-05	Indication Controll.	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190397	109-FI-30	109-FI-30:FLOW INDICATOR	D	INST-05	Indication Controll.	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190430	109-HIC-241	109-HIC-241:HAND INDICATOR CONTROLLER	C	INST-05	Indication Controll.	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190431	109-HIC-925	109-HIC-925:HAND INDICATOR CONTROLLER	C	INST-05	Indication Controll.	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190573	109-SI-962	109-SI-962:SPEED INDICATOR	D	INST-05	Indication Controll.	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190669	109-UC-184	109-UC-184:UNIT CONTROLLER	C	INST-05	Indication Controll.	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190670	109-UIC-570	109-UIC-570:UNIT INDICATOR CONTROLLER	C	INST-05	Indication Controll.	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190676	109-VI-510A	109-VI-510A:VIBRATION INDICATOR	C	INST-05	Indication Controll.	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190677	109-VI-510B	109-VI-510B:VIBRATION INDICATOR	C	INST-05	Indication Controll.	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190678	109-VI-510C	109-VI-510C:VIBRATION INDICATOR	C	INST-05	Indication Controll.	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190679	109-VI-510D	109-VI-510D:VIBRATION INDICATOR	C	INST-05	Indication Controll.	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190703	109-ZI-925	109-ZI-925:POSITION INDICATOR	D	INST-05	Indication Controll.	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330191095	110-FI-001	110-FI-001:FLOW INDICATOR, AIR COMPRESSO	D	INST-05	Indication Controll.	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191099	110-FI-122	110-FI-122:FLOW INDICATOR	D	INST-05	Indication Controll.	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191102	110-FI-222	110-FI-222:FLOW INDICATOR	D	INST-05	Indication Controll.	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191145	110-LI-121	110-LI-121:LEVEL INDICATOR	D	INST-05	Indication Controll.	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191147	110-LI-221	110-LI-221:LEVEL INDICATOR	D	INST-05	Indication Controll.	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191505	111-FI-005A	111-FI-005A:FLOW INDICATOR	D	INST-05	Indication Controll.	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191569	111-FAL-105C	111-FAL-105C:FLOW ALARM LOW	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191570	111-FAL-110C	111-FAL-110C:FLOW ALARM LOW	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191571	111-FI-001A	111-FI-001A:FLOW INDICATOR	D	INST-05	Indication Controll.	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191580	111-HIZ-903	111-HIZ-903:INDICATOR LAMP	C	INST-05	Indication Controll.	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191581	111-HIZ-904	111-HIZ-904:INDICATOR LAMP	C	INST-05	Indication Controll.	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191582	111-HIZ-905	111-HIZ-905:INDICATOR LAMP	C	INST-05	Indication Controll.	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191583	111-HIZ-906	111-HIZ-906:INDICATOR LAMP	C	INST-05	Indication Controll.	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191584	111-HIZ-907	111-HIZ-907:INDICATOR LAMP	C	INST-05	Indication Controll.	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191695	111-LAHH-100C	111-LAHH-100C:LEVEL ALARM	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191696	111-LAL-100C	111-LAL-100C:LEVEL ALARM	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191697	111-LALL-103C	111-LALL-103C:LEVEL ALARM	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191726	111-HZ-901	111-HZ-901:INDICATOR LAMP	C	INST-05	Indication Controll.	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191727	111-HZ-902	111-HZ-902:INDICATOR LAMP	C	INST-05	Indication Controll.	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191728	111-HZI-100C	111-HZI-100C:LEVEL TRANSMITTER INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191772	111-LAH-100C	111-LAH-100C:LEVEL ALARM	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191782	111-LI-001A	111-LI-001A:LEVEL INDICATOR	D	INST-05	Indication Controll.	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191783	111-LI-010	111-LI-010:LEVEL INDICATOR	D	INST-05	Indication Controll.	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191789	111-LL-103	111-LL-103:LEVEL LAMP INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191795	111-LI-100C	111-LI-100C:LEVEL INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191796	111-LI-101C	111-LI-101C:LEVEL INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191797	111-LI-701	111-LI-701:LEVEL INDICATOR	D	INST-05	Indication Controll.	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191814	111-LUAH-100C	111-LUAH-100C:HIGH LEVEL DEVIATION INDIC	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191820	111-MZI-108C	111-MZI-108C:MOV STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191891	111-PAH-102C	111-PAH-102C:PPRESSURE ALARM HIGH	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191892	111-PAL-102C	111-PAL-102C:PPRESSURE ALARM LOW	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191910	111-PI-142C	111-PI-142C:PRESSURE INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192309	111-WAH-106C	111-WAH-106C:FIRING RATE ALARM	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192312	111-WIC-106C	111-WIC-106C:FIRING RATE COTROLLER	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192314	111-XA-110C	111-XA-110C:MOTOR/TURBINE STATUS ALARM	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192348	111-XA-112C	111-XA-112C:MOTOR/TURBINE STATUS ALARM	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192615	111-XZI-105C	111-XZI-105C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192616	111-XZI-110C	111-XZI-110C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192617	111-XZI-112C	111-XZI-112C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192618	111-XZI-138C	111-XZI-138C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192619	111-XZI-140C	111-XZI-140C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192620	111-XZI-145C	111-XZI-145C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192621	111-XZI-150C	111-XZI-150C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192622	111-XZI-151	111-XZI-151:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192623	111-XZI-152C	111-XZI-152C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192624	111-XZI-173C	111-XZI-173C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192625	111-XZI-176A	111-XZI-176A:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192626	111-XZI-176C	111-XZI-176C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192627	111-XZI-178C	111-XZI-178C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192628	111-XZI-179	111-XZI-179:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192629	111-XZI-180C	111-XZI-180C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192630	111-XZI-183B	111-XZI-183B:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192631	111-XZI-185B	111-XZI-185B:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192632	111-XZI-186	111-XZI-186:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192633	111-XZI-187A	111-XZI-187A:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192634	111-XZI-187C	111-XZI-187C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192690	111-XZI-155C	111-XZI-155C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192691	111-XZI-157C	111-XZI-157C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192692	111-XZI-158	111-XZI-158:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192693	111-XZI-159C	111-XZI-159C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192694	111-XZI-162C	111-XZI-162C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192695	111-XZI-164C	111-XZI-164C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192696	111-XZI-165	111-XZI-165:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192697	111-XZI-166C	111-XZI-166C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192698	111-XZI-169C	111-XZI-169C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192699	111-XZI-171	111-XZI-171:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192700	111-XZI-172	111-XZI-172:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192701	111-XZI-190A	111-XZI-190A:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192702	111-XZI-190C	111-XZI-190C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192703	111-XZI-940C	111-XZI-940C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192704	111-XZI-950C	111-XZI-950C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192705	111-XZI-970C	111-XZI-970C:VALVE STATUS INDICATOR	D	INST-05	Indication Controll.	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192766	112-LI-001A	112-LI-001A:LEVEL INDICATOR,	D	INST-05	Indication Controll.	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193058	113-LI-001A	113-LI-001A:LEVEL INDICATOR,	D	INST-05	Indication Controll.	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330193111	114-LI-001A	114-LI-001A:LEVEL INDICATOR, POTABLE WAT	D	INST-05	Indication Controll.	POTABLE WATER AREA-114	Potable water Area	Zone 5
	330193150	116-FI-001	116-FI-001:FLOW INDICATOR, SEA WATER RET	C	INST-05	Indication Controll.	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193151	116-FI-003	116-FI-003:FLOW INDICATOR, SEA WATER RET	B	INST-05	Indication Controll.	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193152	116-FI-004	116-FI-004:FLOW IND., PROCESS WATER MAKE	B	INST-05	Indication Controll.	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193271	116-TI-002	116-TI-002:TEMPERATURE INDICATOR, C. W.	D	INST-05	Indication Controll.	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193661	117-TI-002	117-TI-002:TEMP. INDICATOR, CHILLLED COO	D	INST-05	Indication Controll.	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330193755	117-VXI-100	117-VXI-100:VIBRATION INDICATOR,TRB SHAF	D	INST-05	Indication Controll.	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193756	117-VXI-101	117-VXI-101:VIBRATION INDICATOR, HIGH SP	D	INST-05	Indication Controll.	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193757	117-VXI-102	117-VXI-102:VIBRATION INDICATOR, HIGH SP	D	INST-05	Indication Controll.	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193762	117-VXI-107	117-VXI-107:VIBRATION INDICATOR, TRB SHA	D	INST-05	Indication Controll.	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193817	117-VXI-200	117-VXI-200:VIBRATION INDICATOR,TRB SHAF	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193818	117-VXI-201	117-VXI-201:VIBRATION INDICATOR, HIGH SP	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193819	117-VXI-202	117-VXI-202:VIBRATION INDICATOR, HIGH SP	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193820	117-VXI-203	117-VXI-203:VIBRATION INDICATOR, LOW SPE	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193821	117-VXI-204	117-VXI-204:VIBRATION INDICATOR, LOW SPE	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330193822	117-VXI-205	117-VXI-205:VIBRATION INDICATOR, COMPRES	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193823	117-VXI-206	117-VXI-206:VIBRATION INDICATOR, COMPRES	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193824	117-VXI-207	117-VXI-207:VIBRATION INDICATOR, TRB SHA	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193837	117-VYI-100	117-VYI-100:VIBRATION INDI., TURBINE SHA	D	INST-05	Indication Controll.	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193838	117-VYI-101	117-VYI-101:VIBRATION INDI., HIGH SPEED	D	INST-05	Indication Controll.	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193839	117-VYI-102	117-VYI-102:VIBRATION INDI., HIGH SPEED	D	INST-05	Indication Controll.	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193844	117-VYI-107	117-VYI-107:VIBRATION INDI., TURBINE SHA	D	INST-05	Indication Controll.	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193845	117-VYI-200	117-VYI-200:VIBRATION INDI., TURBINE SHA	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193846	117-VYI-201	117-VYI-201:VIBRATION INDI., HIGH SPEED	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193857	117-VYI-202	117-VYI-202:VIBRATION INDI., HIGH SPEED	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193858	117-VYI-203	117-VYI-203:VIBRATION IND., LOW SPEED GE	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193859	117-VYI-204	117-VYI-204:VIBRATION IND., LOW SPEED GE	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193860	117-VYI-205	117-VYI-205:VIBRATION INDICATOR, COMPRES	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193861	117-VYI-206	117-VYI-206:VIBRATION INDICATOR, COMPRES	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193862	117-VYI-207	117-VYI-207:VIBRATION INDI., TURBINE SHA	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193887	117-ZXI-100	117-ZXI-100:THURST DISPLACEMENT INDICATO	D	INST-05	Indication Controll.	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193888	117-ZXI-101	117-ZXI-101:THURST DISPL. INDI., HIGH SP	D	INST-05	Indication Controll.	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193947	117-ZXI-102	117-ZXI-102:THURST DISPL. INDI., LOW SPE	D	INST-05	Indication Controll.	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193948	117-ZXI-103	117-ZXI-103:THURST DISPL. INDI., COMP. (	D	INST-05	Indication Controll.	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193949	117-ZXI-200	117-ZXI-200:THURST DISPLACEMENT INDICATO	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193950	117-ZXI-201	117-ZXI-201:THURST DISPL. INDI., HIGH SP	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193951	117-ZXI-202	117-ZXI-202:THURST DISPL. INDI., LOW SPE	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193959	117-ZYI-100	117-ZYI-100:THURST DISPLACEMENT INDICATO	D	INST-05	Indication Controll.	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193960	117-ZYI-101	117-ZYI-101:THURST DISPL. INDI., HIGH SP	D	INST-05	Indication Controll.	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193961	117-ZYI-102	117-ZYI-102:THURST DISPL. INDI., LOW SPE	D	INST-05	Indication Controll.	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193962	117-ZYI-103	117-ZYI-103:THURST DISPL. INDI., COMP. (	D	INST-05	Indication Controll.	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193963	117-ZYI-200	117-ZYI-200:THURST DISPLACEMENT INDICATO	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193964	117-ZYI-201	117-ZYI-201:THURST DISPL. INDI., HIGH SP	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193965	117-ZYI-202	117-ZYI-202:THURST DISPL. INDI., LOW SPE	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193966	117-ZYI-203	117-ZYI-203:THURST DISPL. INDI., COMP. (	D	INST-05	Indication Controll.	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193968	118-FI-003A	118-FI-003A:FLOW INDICATOR	D	INST-05	Indication Controll.	FIRE ALARM SYSTEM AREA-118		Zone 5
	330194074	118-LI-005A	118-LI-005A:LEVEL INDICATOR,	D	INST-05	Indication Controll.	FIRE ALARM SYSTEM AREA-118		Zone 5
	330194167	119-FI-056	119-FI-056:FLOW INDICATOR, FLARE GAS TO	B	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194168	119-FI-057	119-FI-057:FLOW INDICATOR, FLARE GAS TO	B	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194187	119-HS-001	119-HS-001:PUSH BUTTON, IGNITION TO HP F	B	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194188	119-HS-002	119-HS-002:PUSH BUTTON, IGNITION TO LP F	B	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194191	119-LI-001A	119-LI-001A:LEVEL INDICATOR, HP FLARE KN	C	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194192	119-LI-002A	119-LI-002A:LEVEL INDICATOR, HP FLARE KN	B	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194203	119-PI-033	119-PI-033:PRESSURE INDICATOR, FUEL GAS	B	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194204	119-PI-034	119-PI-034:PRESSURE INDICATOR, LPG GAS T	D	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194205	119-PI-036	119-PI-036:PRESSURE INDICATOR, LPG GAS T	C	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194206	119-PI-037	119-PI-037:PRESSURE INDICATOR, LPG GAS T	D	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194207	119-PI-039	119-PI-039:PRESSURE INDICATOR, LPG GAS T	B	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194208	119-PI-040	119-PI-040:PRESSURE INDICATOR, I. AIR TO	D	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194209	119-PI-042	119-PI-042:PRESSURE INDICATOR, I. AIR TO	D	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194210	119-PI-043	119-PI-043:PRESSURE IND., LPG GAS TO PIL	D	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194211	119-PI-045	119-PI-045:PRESSURE IND., LPG GAS TO PIL	D	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194212	119-PI-046	119-PI-046:PRESSURE INDICATOR, FUEL GAS	C	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194213	119-PI-048	119-PI-048:PRESSURE INDICATOR, FUEL GAS	C	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194232	119-TI-013	119-TI-013:TEMPERATURE INDICATOR, HP FLA	D	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194233	119-TI-014	119-TI-014:TEMPERATURE INDICATOR, HP FLA	C	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194260	119-LI-003A	119-LI-003A:LEVEL INDICATOR, HP FLARE KN	B	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194261	119-LI-004A	119-LI-004A:LEVEL INDICATOR, HP FLARE KN	C	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194262	119-LI-013A	119-LI-013A:LEVEL INDICATOR, HP FLARE KN	B	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194263	119-LI-014A	119-LI-014A:LEVEL INDICATOR, HP FLARE KN	B	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194276	119-PI-031	119-PI-031:PRESSURE INDICATOR, FUEL GAS	B	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194277	119-PI-049	119-PI-049:PRESSURE IND., FUEL GAS TO SE	D	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194278	119-PI-051	119-PI-051:PRESSURE IND., FUEL GAS TO SE	D	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194279	119-PI-052	119-PI-052:PRESSURE IND., FUEL GAS TO SE	B	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194280	119-PI-054	119-PI-054:PRESSURE IND., FUEL GAS TO SE	C	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194281	119-PI-058	119-PI-058:PRESSURE IND., WATER SEAL DRM	B	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194282	119-PI-059	119-PI-059:PRESSURE IND., WATER SEAL DRM	D	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194291	119-TAL-001	119-TAL-001:T. ALARM L, FLAME CTRL UNT P	C	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194292	119-TAL-002	119-TAL-002:T. ALARM L, FLAME CTRL UNT P	B	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194293	119-TAL-003	119-TAL-003:T. ALARM L, FLAME CTRL UNT P	D	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194294	119-TAL-004	119-TAL-004:T. ALARM L, FLAME CTRL UNT P	D	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194295	119-TAL-007	119-TAL-007:T. ALARM L, FLAME CTRL UNT P	D	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194296	119-TAL-008	119-TAL-008:T. ALARM L, FLAME CTRL UNT P	D	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194297	119-TAL-009	119-TAL-009:T. ALARM L, FLAME CTRL UNT P	D	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330194298	119-TAL-010	119-TAL-010:T. ALARM L, FLAME CTRL UNT P	B	INST-05	Indication Controll.	FLARE SYSTEM AREA-119		Zone 5
	330199845	120-FI-102	120-FI-102:FLOW INDICATOR, MAGNETIC	D	INST-05	Indication Controll.	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199848	120-FI-103	120-FI-103:FLOW INDICATOR, MAGNETIC	D	INST-05	Indication Controll.	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199851	120-FI-106	120-FI-106:FLOW INDICATOR	D	INST-05	Indication Controll.	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199854	120-FI-107	120-FI-107:FLOW INDICATOR	D	INST-05	Indication Controll.	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200101	120-LI-123	120-LI-123:LEVEL INDICATOR, REMOTE	D	INST-05	Indication Controll.	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200112	120-LI-149	120-LI-149:LEVEL INDICATOR	D	INST-05	Indication Controll.	EFFLUENT STORAGE AREA-120		Zone 5
	330200115	120-LI-150	120-LI-150:LEVEL INDICATOR	D	INST-05	Indication Controll.	EFFLUENT STORAGE AREA-120		Zone 5
	330200283	120-LI-107	120-LI-107:LEVEL INDICATOR, REMOTE	D	INST-05	Indication Controll.	AEROBIC TREATMENT AREA-120		Zone 5
	330203627	123-FI-001	123-FI-001:FLOW INDICATOR	D	INST-05	Indication Controll.	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	330228042	111-BI-185C	111-BI-185C:FLAME INDICATOR	A	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228043	111-BI-150	111-BI-150:FLAME INDICATOR	A	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228044	111-BI-150C	111-BI-150C:FLAME INDICATOR	A	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228045	111-BI-157	111-BI-157:FLAME INDICATOR	C	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228046	111-BI-157C	111-BI-157C:FLAME INDICATOR	A	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228047	111-BI-164	111-BI-164:FLAME INDICATOR	A	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228048	111-BI-164C	111-BI-164C:FLAME INDICATOR	A	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228049	111-BI-171	111-BI-171:FLAME INDICATOR	A	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228050	111-BI-171C	111-BI-171C:FLAME INDICATOR	A	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228051	111-BI-178	111-BI-178:FLAME INDICATOR	A	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228052	111-BI-178C	111-BI-178C:FLAME INDICATOR	A	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228053	111-BI-185	111-BI-185:FLAME INDICATOR	A	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228057	111-FALL-111C	111-FALL-111C:FLOW ALARM LOW LOW	B	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228067	111-FI-102C	111-FI-102C:FLOW INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228103	111-PI-115C	111-PI-115C:PRESSURE INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228123	111-PI-105C	111-PI-105C:PRESSURE INDICATOR	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228263	112-FI-001A	112-FI-001A:FLOW INDICATOR	D	INST-05	Indication Controll.	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228413	115-SI-151	115-SI-151:SPEED INDICATOR, STEAM TURBIN	D	INST-05	Indication Controll.	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228414	115-SI-181	115-SI-181:SPEED INDICATOR, STEAM TURBIN	D	INST-05	Indication Controll.	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228415	115-SI-186	115-SI-186:SPEED INDICATOR, STEAM TURBIN	D	INST-05	Indication Controll.	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330278078	111-AIC-930	111-AIC-912:PHOSPHATE IND CONTROLLER	D	INST-05	Indication Controll.	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330278079	111-AIC-110C	111-AIC-110C:O2% ON FLUE-IND CONTROLLER	B	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278080	111-AIC-210C	111-AIC-210C:O2% ON FLUE GAS CONTROLLER	B	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278081	111-AIC-310C	111-AIC-310C:O2% ON FLUE GAS CONTROLLER	B	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278082	111-AIC-410C	111-AIC-410C:O2% ON FLUE GAS CONTROLLER	B	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278095	111-WIC-206C	111-WIC-206C:FIRIING RATE CONTROLLER	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278096	111-WIC-306C	111-WIC-306C:FIRIING RATE CONTROLLER	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278097	111-WIC-406C	111-WIC-406C:FIRIING RATE CONTROLLER	D	INST-05	Indication Controll.	BOILER # 01 AREA-111	Steam Area	Zone 5
	330410320	115-SE-201	115-SE-201:PRI XMTR,TURBINE OVER SPEED	A	INST-05	Indication Controll.	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330410321	115-SE-202	115-SE-202:PRI XMTR,TURBINE OVER SPEED	A	INST-05	Indication Controll.	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330410322	115-SE-203	115-SE-203:PRI XMTR,TURBINE OVER SPEED	A	INST-05	Indication Controll.	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330410323	116-SE-101	116-SE-101:PRI XMTR,TURBINE OVER SPEED	A	INST-05	Indication Controll.	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330410324	116-SE-102	116-SAHH-102:PRI XMTR,TURBINE OVERSPEED	A	INST-05	Indication Controll.	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330410325	116-SE-103	116-SE-103:PRI XMTR,TURBINE OVERSPEED	A	INST-05	Indication Controll.	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330410326	116-SE-201	116-SE-201:PRI XMTR,TURBINE OVERSPEED	A	INST-05	Indication Controll.	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330410327	116-SE-202	116-SE-202:PRI XMTR,TURBINE OVERSPEED	A	INST-05	Indication Controll.	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330410328	116-SE-203	116-SE-203:PRI XMTR,TURBINE OVERSPEED	A	INST-05	Indication Controll.	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330410329	117-SE-101	117-SE-101:PRI XMTR,TURBINE OVERSPEED	A	INST-05	Indication Controll.	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330410330	117-SE-102	117-SE-102:PRI XMTR,TURBINE OVERSPEED	A	INST-05	Indication Controll.	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330410331	117-SE-103	117-SE-103:PRI XMTR,TURBINE OVERSPEED	A	INST-05	Indication Controll.	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330465211	107-LIC-004	107-LIC-004:LEVEL INDICATOR CONTROLLER	C	INST-05	Indication Controll.	FUEL GAS SYSTEM AREA-107		Zone 5
	330465213	115-SIC-201	115-SIC-201:SPEED CONTROLLER	B	INST-05	Indication Controll.	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330465215	116-SIC-101	116-SIC-101:SPEED INDICATOR CONTROLLER	B	INST-05	Indication Controll.	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330465216	116-SIC-201	116-SIC-201:SPEED INDICATOR CONTROLLER	B	INST-05	Indication Controll.	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330465217	117-SIC-101	117-SIC-101:SPEED INDICATOR CONTROLLER	A	INST-05	Indication Controll.	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330467974	109-FIC-506	109-FIC-506:FLOW INDICATOR CONTROLLER	D	INST-05	Indication Controll.	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330467976	107-PIC-015	107-PIC-015:PRESSURE IND CONTROLLER	D	INST-05	Indication Controll.	FUEL GAS SYSTEM AREA-107		Zone 5
	330467979	107-PIC-013	107-PIC-013: PRESS INDICATOR CONTROLLER	B	INST-05	Indication Controll.	FUEL GAS SYSTEM AREA-107		Zone 5
	330467980	120-LIC-121	120-LIC-121:LEVEL INDICATOR CONTROLLER	D	INST-05	Indication Controll.	EFFLUENT STORAGE AREA-120		Zone 5
	330467981	120-LIC-122	120-LIC-122:LEVEL INDICATOR CONTROLLER	D	INST-05	Indication Controll.	EFFLUENT STORAGE AREA-120		Zone 5
	330467982	107-LIC-009	107-LIC-009:LEVEL INDICATOR CONTROLLER	D	INST-05	Indication Controll.	FUEL GAS SYSTEM AREA-107		Zone 5
	330467986	109-TIC-197	109-TIC-197:TEMPERATURE IND CONTROLLER	D	INST-05	Indication Controll.	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330467989	112-LIC-002	112-LIC-002:LEVEL IND CONTROLLER	D	INST-05	Indication Controll.	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330467990	111-LIC-911	111-LIC-911:LEVEL INDICATOR CONTROLLER	D	INST-05	Indication Controll.	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330467991	106-LIC-027	106-LIC-027:LEVEL IND CONTROLLER	D	INST-05	Indication Controll.	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330467992	115-LIC-002	115-LIC-002:LEVEL IND CONTROLLER	D	INST-05	Indication Controll.	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330467994	109-LIC-027	109-LIC-027:LEVEL IND CONTROLLER	D	INST-05	Indication Controll.	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330467995	109-FIC-70	109-FIC-70:FLOW IND CONTROLLER	D	INST-05	Indication Controll.	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330467996	109-PIC-925	109-PIC-925:PRESSURE IND CONTROLLER	D	INST-05	Indication Controll.	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330467999	109-TIC-192	109-TIC-192:TEMPERATURE IND CONTROLLER	D	INST-05	Indication Controll.	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330468001	109-PDIC-951	109-PDIC-951:PRESS DIFF IND CONTROLLER	D	INST-05	Indication Controll.	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330468002	109-LIC-024	109-LIC-024:LEVEL IND CONTROLLER	D	INST-05	Indication Controll.	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330468004	120-LIC-129	120-LIC-129:LEVEL INDICATOR CONTROLLER	D	INST-05	Indication Controll.	EFFLUENT STORAGE AREA-120		Zone 5
	330468005	109-AIC-101	109-AIC-101:ANALYZER IND CONTROLLER	D	INST-05	Indication Controll.	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330468007	120-LIC-128	120-LIC-128:LEVEL INDICATOR CONTROLLER	D	INST-05	Indication Controll.	EFFLUENT STORAGE AREA-120		Zone 5
	330468008	120-LIC-101	120-LIC-101:LEVEL INDICATOR CONTROLLER	D	INST-05	Indication Controll.	EFFLUENT STORAGE AREA-120		Zone 5
	330468009	120-LIC-123	120-LIC-123:LEVEL INDICATOR CONTROLLER	D	INST-05	Indication Controll.	EFFLUENT STORAGE AREA-120		Zone 5
	330468010	120-LIC-150	120-LIC-150:LEVEL INDICATOR CONTROLLER	D	INST-05	Indication Controll.	EFFLUENT STORAGE AREA-120		Zone 5
	330468011	120-LIC-110	120-LIC-110:LEVEL INDICATOR CONTROLLER	D	INST-05	Indication Controll.	EFFLUENT STORAGE AREA-120		Zone 5
	330468012	120-LIC-149	120-LIC-149:LEVEL INDICATOR CONTROLLER	D	INST-05	Indication Controll.	EFFLUENT STORAGE AREA-120		Zone 5
	330722314	120-TQS-1321	120-TQS-1321:Micro Switch	D	INST-05	Indication Controll.	AEROBIC TREATMENT AREA-120		Zone 5
	330780340	120-TQS-1102	120-TQS-1102:Micro Switch	E	INST-05	Indication Controll.	AEROBIC TREATMENT AREA-120		Zone 5
	330780341	120-TQS-1104	120-TQS-1104:Micro Switch	E	INST-05	Indication Controll.	AEROBIC TREATMENT AREA-120		Zone 5
	330780342	120-TQS-1106	120-TQS-1106:Micro Switch	E	INST-05	Indication Controll.	AEROBIC TREATMENT AREA-120		Zone 5
LEVEL DEVICE									
18	330189428	000-LSH-017	000-LSH-017:LEVEL SWITCH HIGH	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189431	000-LSH-019	000-LSH-019:LEVEL SWITCH HIGH, VIBRATION	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189434	000-LSH-025	000-LSH-025:LEVEL SWITCH HIGH	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189436	000-LSH-028	000-LSH-028:LEVEL SWITCH HIGH	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189439	000-LSH-031	000-LSH-031:LEVEL SWITCH HIGH	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189441	000-LSH-038	000-LSH-038:LEVEL SWITCH HIGH	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189444	000-LSH-041	000-LSH-041:LEVEL SWITCH HIGH	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189446	000-LSH-045	000-LSH-045:LEVEL SWITCH HIGH	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189449	000-LSH-046	000-LSH-046:LEVEL SWITCH HIGH	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189451	000-LSH-047	000-LSH-047:LEVEL SWITCH HIGH	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189454	000-LSH-048	000-LSH-048:LEVEL SWITCH HIGH	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189457	000-LSH-049	000-LSH-049:LEVEL SWITCH HIGH	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189459	000-LSHH-026	000-LSHH-026:LEVEL SWITCH HIGH HIGH	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189462	000-LSHH-029	000-LSHH-029:LEVEL SWITCH HIGH HIGH	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189464	000-LSHH-032	000-LSHH-032:LEVEL SWITCH HIGH HIGH	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189467	000-LSHH-039	000-LSHH-039:LEVEL SWITCH HIGH HIGH	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189469	000-LSHH-042	000-LSHH-042:LEVEL SWITCH HIGH HIGH	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189472	000-LSL-027	000-LSL-027:LEVEL SWITCH LOW	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189475	000-LSL-030	000-LSL-030:LEVEL SWITCH LOW	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189477	000-LSL-037	000-LSL-037:LEVEL SWITCH LOW	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189480	000-LSL-040	000-LSL-040:LEVEL SWITCH LOW	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189482	000-LSL-047	000-LSL-047:LEVEL SWITCH LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189485	000-LSL-048	000-LSL-048:LEVEL SWITCH LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189488	000-LSL-049	000-LSL-049:LEVEL SWITCH LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189490	000-LSLL-011	000-LSLL-011:LEVEL SWITCH LOW LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189493	000-LSLL-011A	000-LSLL-011A:LEVEL SWITCH LOW LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189495	000-LSLL-014A	000-LSLL-014A:LEVEL SWITCH LOW LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189498	000-LSLL-017	000-LSLL-017:LEVEL SWITCH LOW LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189556	000-LSHH-051	000-LSHH-051:LEVEL SWITCH HIGH HIGH	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189557	000-LSHH-052	000-LSHH-052:LEVEL SWITCH HIGH HIGH	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189558	000-LSHH-053	000-LSHH-053:LEVEL SWITCH HIGH HIGH	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189559	000-LSHH-054	000-LSHH-054:LEVEL SWITCH HIGH HIGH	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189560	000-LSHH-055	000-LSHH-055:LEVEL SWITCH HIGH HIGH	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189561	000-LSHH-124	000-LSHH-124:LEVEL SWITCH HIGH HIGH, VIB	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189562	000-LSL-011	000-LSL-011:LEVEL SWITCH LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189563	000-LSL-014	000-LSL-014:LEVEL SWITCH LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189564	000-LSL-017	000-LSL-017:LEVEL SWITCH LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189565	000-LSL-019	000-LSL-019:LEVEL SWITCH LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189567	000-LSL-024	000-LSL-024:LEVEL SWITCH LOW	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330189570	000-LSLL-017A	000-LSLL-017A:LEVEL SWITCH LOW LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189572	000-LSLL-019	000-LSLL-019:LEVEL SWITCH LOW LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189575	000-LSLL-019A	000-LSLL-019A:LEVEL SWITCH LOW LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189577	000-LSLL-047	000-LSLL-047:LEVEL SWITCH LOW LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189580	000-LSLL-047A	000-LSLL-047A:LEVEL SWITCH LOW LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189583	000-LSLL-048	000-LSLL-048:LEVEL SWITCH LOW LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189585	000-LSLL-048A	000-LSLL-048A:LEVEL SWITCH LOW LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189588	000-LSLL-049	000-LSLL-049:LEVEL SWITCH LOW LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189590	000-LSLL-049A	000-LSLL-049A:LEVEL SWITCH LOW LOW	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189593	000-LT-020	000-LT-020:LEVEL TRANSMITTER	D	INST-05	Level Device	SANITARY WASTE WATER AREA-000		Zone 5
	330190100	106-LT-004	106-LT-004:LEVEL TRANSMITTER	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190101	106-LT-027	106-LT-027:LEVEL TRANSMITTER	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190102	106-LT-028	106-LT-028:LEVEL TRANSMITTER	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190126	107-LT-009	107-LT-009:LEVEL TRANSMITTER	B	INST-05	Level Device	FUEL GAS SYSTEM AREA-107		Zone 5
	330190127	107-LT-010	107-LT-010:LEVEL TRANSMITTER	D	INST-05	Level Device	FUEL GAS SYSTEM AREA-107		Zone 5
	330190272	106-LG-011	106-LG-011:LEVEL GAUGE	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190273	106-LG-012	106-LG-012:LEVEL GAUGE	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190274	106-LG-013	106-LG-013:LEVEL GAUGE	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190275	106-LG-014	106-LG-014:LEVEL GAUGE	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190276	106-LG-016	106-LG-016:LEVEL GAUGE	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190277	106-LG-017	106-LG-017:LEVEL GAUGE	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190278	106-LG-019	106-LG-019:LEVEL GAUGE	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190279	106-LG-020	106-LG-020:LEVEL GAUGE	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190280	106-LG-022	106-LG-022:LEVEL GAUGE	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190281	106-LG-023	106-LG-023:LEVEL GAUGE	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190282	106-LG-025	106-LG-025:LEVEL GAUGE	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190283	106-LG-026	106-LG-026:LEVEL GAUGE	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190286	106-LSL-007A	106-LSL-007A:LEVEL SWITCH LOW	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190287	106-LSL-007B	106-LSL-007B:LEVEL SWITCH LOW	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190288	106-LSL-008	106-LSL-008:LEVEL SWITCH LOW	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190290	106-LSLL-005	106-LSLL-005:LEVEL SWITCH LOW LOW	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190291	106-LSLL-005B	106-LSLL-005B:LEVEL SWITCH LOW LOW	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190292	106-LSLL-006	106-LSLL-006:LEVEL SWITCH LOW LOW	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190294	106-LT-001	106-LT-001:LEVEL TRANSMITTER	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190295	106-LT-002	106-LT-002:LEVEL TRANSMITTER	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190296	106-LT-003	106-LT-003:LEVEL TRANSMITTER	C	INST-05	Level Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190365	108-LT-001	108-LT-001:LEVEL TRANSMITTER	D	INST-05	Level Device	DIESEL SYSTEM AREA-108		Zone 5
	330190366	108-LT-002	108-LT-002:LEVEL TRANSMITTER	D	INST-05	Level Device	DIESEL SYSTEM AREA-108		Zone 5
	330190461	109-LG-189	109-LG-189:LEVEL GAUGE	D	INST-05	Level Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190462	109-LG-199	109-LG-199:LEVEL GAUGE	D	INST-05	Level Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190463	109-LG-529	109-LG-529:LEVEL GAUGE	D	INST-05	Level Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190464	109-LG-959	109-LG-959:LEVEL GAUGE	D	INST-05	Level Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190465	109-LISHL-311	109-LISHL-311:LEVEL INDICATOR SWITCH HIG	D	INST-05	Level Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190466	109-LISL-3141	109-LISL-3141:LEVEL INDICATOR SWITCH LOW	D	INST-05	Level Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190467	109-LS-532	109-LS-532:LEVEL SWITCH	B	INST-05	Level Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190468	109-LSH-205	109-LSH-205:LEVEL SWITCH HIGH	B	INST-05	Level Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190469	109-LSHL-093	109-LSHL-093:LEVEL SWITCH HIGH LOW	B	INST-05	Level Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190470	109-LSL-027	109-LSL-027:LEVEL SWITCH LOW	D	INST-05	Level Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190471	109-LSL-586	109-LSL-586:LEVEL SWITCH LOW	D	INST-05	Level Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190472	109-LT-024	109-LT-024:LEVEL TRANSMITTER	D	INST-05	Level Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190473	109-LT-027	109-LT-027:LEVEL TRANSMITTER	D	INST-05	Level Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190474	109-LT-310	109-LT-310:LEVEL TRANSMITTER	D	INST-05	Level Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330191129	110-LC-420	110-LC-420:LEVEL CONTROLLER	D	INST-05	Level Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191132	110-LC-421	110-LC-421:LEVEL CONTROLLER	D	INST-05	Level Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191134	110-LC-520	110-LC-520:LEVEL CONTROLLER	D	INST-05	Level Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191137	110-LC-521	110-LC-521:LEVEL CONTROLLER	D	INST-05	Level Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191140	110-LG-001	110-LG-001:LEVEL GAUGE	D	INST-05	Level Device	STORAGE AREA AREA-109	Compressor Area	Zone 5
	330191142	110-LG-002	110-LG-002:LEVEL GAUGE	D	INST-05	Level Device	STORAGE AREA AREA-109	Compressor Area	Zone 5
	330191148	110-LSH-003	110-LSH-003:LEVEL SWITCH HIGH	D	INST-05	Level Device	STORAGE AREA AREA-109	Compressor Area	Zone 5
	330191149	110-LSH-004	110-LSH-004:LEVEL SWITCH HIGH	D	INST-05	Level Device	STORAGE AREA AREA-109	Compressor Area	Zone 5
	330191150	110-LSH-420	110-LSH-420:LEVEL SWITCH HIGH	C	INST-05	Level Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191151	110-LSH-421	110-LSH-421:LEVEL SWITCH HIGH	C	INST-05	Level Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191152	110-LSH-520	110-LSH-520:LEVEL SWITCH HIGH	C	INST-05	Level Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191153	110-LSH-521	110-LSH-521:LEVEL SWITCH HIGH	C	INST-05	Level Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191154	110-LSL-122	110-LSL-122:LEVEL SWITCH LOW	C	INST-05	Level Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191155	110-LSL-222	110-LSL-222:LEVEL SWITCH LOW	C	INST-05	Level Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191640	111-HZI-101C	111-HZI-101C:LEVEL TRANSMITTER INDICATOR	C	INST-05	Level Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191641	111-HZI-102C	111-HZI-102C:LEVEL TRANSMITTER INDICATOR	B	INST-05	Level Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191642	111-HZI-908	111-HZI-908:LEVEL TRANSMITTER INDICATOR	D	INST-05	Level Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330191643	111-HZI-909	111-HZI-909:LEVEL TRANSMITTER INDICATOR	D	INST-05	Level Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191644	111-HZI-930C	111-HZI-930C:LEVEL TRANSMITTER INDICATOR	D	INST-05	Level Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191645	111-HZI-931C	111-HZI-931C:LEVEL TRANSMITTER INDICATOR	D	INST-05	Level Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191646	111-HZI-932C	111-HZI-932C:LEVEL TRANSMITTER INDICATOR	D	INST-05	Level Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191647	111-HZI-936C	111-HZI-936C:LEVEL TRANSMITTER INDICATOR	D	INST-05	Level Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191648	111-HZI-937C	111-HZI-937C:LEVEL TRANSMITTER INDICATOR	D	INST-05	Level Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191649	111-HZI-960	111-HZI-960:LEVEL TRANSMITTER INDICATOR	B	INST-05	Level Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191699	111-LG-012	111-LG-012:LEVEL GAUGE	D	INST-05	Level Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191700	111-LG-102	111-LG-102:LEVEL GAUGE	C	INST-05	Level Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191701	111-LG-103	111-LG-103:LEVEL GAUGE	C	INST-05	Level Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191702	111-LG-202	111-LG-202:LEVEL GAUGE	D	INST-05	Level Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191703	111-LG-203	111-LG-203:LEVEL GAUGE	D	INST-05	Level Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191704	111-LG-302	111-LG-302:LEVEL GAUGE	D	INST-05	Level Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191705	111-LG-303	111-LG-303:LEVEL GAUGE	D	INST-05	Level Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191725	111-HXA-103C	111-HXA-103C:LEVEL SWITCH, TEST SIGNALLI	D	INST-05	Level Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191773	111-LG-402	111-LG-402:LEVEL GAUGE	D	INST-05	Level Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191774	111-LG-403	111-LG-403:LEVEL GAUGE	D	INST-05	Level Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191775	111-LG-903	111-LG-903:LEVEL GAUGE	D	INST-05	Level Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191776	111-LG-904	111-LG-904:LEVEL GAUGE	D	INST-05	Level Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191777	111-LG-913	111-LG-913:LEVEL GAUGE	D	INST-05	Level Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191778	111-LG-914	111-LG-914:LEVEL GAUGE	D	INST-05	Level Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191779	111-LG-931	111-LG-931:LEVEL GAUGE	C	INST-05	Level Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191780	111-LG-936	111-LG-936:LEVEL GAUGE	C	INST-05	Level Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191781	111-LG-991	111-LG-991:LEVEL GAUGE	C	INST-05	Level Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191784	111-LIT-301	111-LIT-301:LEVEL INDICATOR TRANSMITTER	A	INST-05	Level Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191785	111-LIT-400	111-LIT-400:LEVEL INDICATOR TRANSMITTER	A	INST-05	Level Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191786	111-LIT-401	111-LIT-401:LEVEL INDICATOR TRANSMITTER	A	INST-05	Level Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191787	111-LIT-901	111-LIT-901:LEVEL INDICATOR TRANSMITTER	B	INST-05	Level Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191788	111-LIT-911	111-LIT-911:LEVEL INDICATOR TRANSMITTER	B	INST-05	Level Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191790	111-LSH-992	111-LSH-992:LEVEL SWITCH HIGH	D	INST-05	Level Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191791	111-LSL-701	111-LSL-701:LEVEL SWITCH LOW	D	INST-05	Level Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191792	111-LSL-930	111-LSL-930:LEVEL SWITCH LOW	D	INST-05	Level Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191793	111-LSL-935	111-LSL-935:LEVEL SWITCH LOW	D	INST-05	Level Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191794	111-LSLL-902	111-SLL-902:LEVEL SWITCH LOW LOW	B	INST-05	Level Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191798	111-LIC-901	111-LIC-901:LEVEL INDICATOR CONTROLLER	D	INST-05	Level Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191799	111-LIC-902	111-LIC-902:LEVEL INDICATOR CONTROLLER	D	INST-05	Level Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191800	111-LIC-990	111-LIC-990:LEVEL INDICATOR CONTROLLER	D	INST-05	Level Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191801	111-LIT-100	111-LIT-100:LEVEL INDICATOR TRANSMITTER	A	INST-05	Level Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191802	111-LIT-101	111-LIT-101:LEVEL INDICATOR TRANSMITTER	A	INST-05	Level Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191803	111-LIT-200	111-LIT-200:LEVEL INDICATOR TRANSMITTER	A	INST-05	Level Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191804	111-LIT-201	111-LIT-201:LEVEL INDICATOR TRANSMITTER	A	INST-05	Level Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191805	111-LIT-300	111-LIT-300:LEVEL INDICATOR TRANSMITTER	A	INST-05	Level Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191806	111-LSLL-912	111-SLL-912:LEVEL SWITCH LOW LOW	B	INST-05	Level Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191807	111-LT-001	111-LT-001:LEVEL TRANSMITTER	D	INST-05	Level Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191808	111-LT-002	111-LT-002:LEVEL TRANSMITTER	D	INST-05	Level Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191809	111-LT-004	111-LT-004:LEVEL TRANSMITTER	D	INST-05	Level Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191810	111-LT-005	111-LT-005:LEVEL TRANSMITTER	D	INST-05	Level Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191811	111-LT-006	111-LT-006:LEVEL TRANSMITTER	D	INST-05	Level Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191812	111-LT-013	111-LT-013:LEVEL TRANSMITTER	B	INST-05	Level Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191813	111-LT-014	111-LT-014:LEVEL TRANSMITTER	B	INST-05	Level Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192768	112-LT-001	112-LT-001:LEVEL TRANSMITTER, DM WATER T	D	INST-05	Level Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192769	112-LT-002	112-LT-002:LEVEL TRANSMITTER, DM WATER T	D	INST-05	Level Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193059	113-LT-001	113-LT-001:LEVEL TRANSMITTER, PROC WATER	D	INST-05	Level Device	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330193060	113-LT-002	113-LT-002:LEVEL TRANSMITTER, PROC WATER	D	INST-05	Level Device	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330193061	113-LT-003	113-LT-003:LEVEL TRANSMITTER, PROC WATER	D	INST-05	Level Device	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330193067	114-LT-002	114-LT-002:LEVEL TRANSMITTER, POTABLE WA	D	INST-05	Level Device	POTABLE WATER AREA-114	Potable water Area	Zone 5
	330193068	114-LT-003	114-LT-003:LEVEL TRANSMITTER, POTABLE WA	D	INST-05	Level Device	POTABLE WATER AREA-114	Potable water Area	Zone 5
	330193084	115-LT-001	115-LT-001:LEVEL TRANSMITTER, SEA WATER	D	INST-05	Level Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193112	114-LT-001	114-LT-001:LEVEL TRANSMITTER, POTABLE WA	D	INST-05	Level Device	POTABLE WATER AREA-114	Potable water Area	Zone 5
	330193127	115-LT-002	115-LT-002:LEVEL TRANSMITTER, SEA WATER	D	INST-05	Level Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193128	115-LT-003	115-LT-003:LEVEL TRANSMITTER, SEA WATER	D	INST-05	Level Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193129	115-LT-004	115-LT-004:LEVEL TRANSMITTER, SEA WATER	D	INST-05	Level Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193212	116-LT-001	116-LT-001:LEVEL TRANSMITTER, COOLING WA	C	INST-05	Level Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330193213	116-LT-003	116-LT-003:LEVEL TRANSMITTER, C WATER BU	C	INST-05	Level Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330193305	117-LG-002	117-LG-002:LEVEL GAUGE, PROC WATER TANK	D	INST-05	Level Device	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330193374	117-LT-001	117-LT-001:LEVEL XMITTER, CHILLED WATER	C	INST-05	Level Device	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330193375	117-LT-003	117-LT-003:LEVEL XMTR, CHILLED WTR BUSH	D	INST-05	Level Device	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330194078	118-LT-005	118-LT-005:LEVEL TRANSMITTER	D	INST-05	Level Device	FIRE ALARM SYSTEM AREA-118		Zone 5
	330194079	118-LT-006	118-LT-006:LEVEL TRANSMITTER	D	INST-05	Level Device	FIRE ALARM SYSTEM AREA-118		Zone 5
	330194189	119-LG-032	119-LG-032:LEVEL GAUGE, WATER SEAL OF 11	C	INST-05	Level Device	FLARE SYSTEM AREA-119		Zone 5
	330194190	119-LG-033	119-LG-033:LEVEL GAUGE, WATER SEAL OF 11	C	INST-05	Level Device	FLARE SYSTEM AREA-119		Zone 5
	330194193	119-LT-004	119-LT-004:LEVEL TRANSMITTER, HP FLARE K	C	INST-05	Level Device	FLARE SYSTEM AREA-119		Zone 5
	330194194	119-LT-010	119-LT-010:LEVEL XMTR, HP SEAL DRUM 119-	C	INST-05	Level Device	FLARE SYSTEM AREA-119		Zone 5
	330194195	119-LT-012	119-LT-012:LEVEL XMTR, LP SEAL DRUM 119-	C	INST-05	Level Device	FLARE SYSTEM AREA-119		Zone 5
	330194196	119-LT-013	119-LT-013:LEVEL TRANSMITTER, HP FLARE K	A	INST-05	Level Device	FLARE SYSTEM AREA-119		Zone 5
	330194197	119-LT-014	119-LT-014:LEVEL TRANSMITTER, HP FLARE K	C	INST-05	Level Device	FLARE SYSTEM AREA-119		Zone 5
	330194264	119-LIT-010	119-LIT-010:LEVEL INDI. XMTR, WTR SEAL D	B	INST-05	Level Device	FLARE SYSTEM AREA-119		Zone 5
	330194265	119-LIT-012	119-LIT-012:LEVEL INDI. XMTR, WTR SEAL D	C	INST-05	Level Device	FLARE SYSTEM AREA-119		Zone 5
	330194266	119-LSHH-034	119-LSHH-034:LEVEL SWITCH H.H, WTR SEAL	C	INST-05	Level Device	FLARE SYSTEM AREA-119		Zone 5
	330194267	119-LSHH-035	119-LSHH-035:LEVEL SWITCH H.H, WTR SEAL	C	INST-05	Level Device	FLARE SYSTEM AREA-119		Zone 5
	330194268	119-LT-001	119-LT-001:LEVEL TRANSMITTER, HP FLARE K	B	INST-05	Level Device	FLARE SYSTEM AREA-119		Zone 5
	330194269	119-LT-002	119-LT-002:LEVEL TRANSMITTER, HP FLARE K	A	INST-05	Level Device	FLARE SYSTEM AREA-119		Zone 5
	330194270	119-LT-003	119-LT-003:LEVEL TRANSMITTER, HP FLARE K	A	INST-05	Level Device	FLARE SYSTEM AREA-119		Zone 5
	330200095	120-LE-117	120-LE-117:LEVEL ELECTRODE, CONDUCTIVITY	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200098	120-LE-119	120-LE-119:LEVEL ELECTRODE, CONDUCTIVITY	D	INST-05	Level Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200104	120-LI-130	120-LI-130:LEVEL INDICATOR, MAGNETIC	D	INST-05	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330200107	120-LI-147	120-LI-147:LEVEL INDICATOR, MAGNETIC	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200109	120-LI-148	120-LI-148:LEVEL INDICATOR, MAGNETIC	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200118	120-LIT-101	120-LIT-101:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330200121	120-LIT-102	120-LIT-102:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330200124	120-LIT-105	120-LIT-105:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200127	120-LIT-106	120-LIT-106:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200130	120-LIT-108	120-LIT-108:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200133	120-LIT-109	120-LIT-109:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200136	120-LIT-110	120-LIT-110:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200139	120-LIT-111	120-LIT-111:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200142	120-LIT-112	120-LIT-112:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330200145	120-LIT-113	120-LIT-113:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330200148	120-LIT-114	120-LIT-114:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330200151	120-LIT-115	120-LIT-115:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330200154	120-LIT-116	120-LIT-116:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330200157	120-LIT-118	120-LIT-118:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330200160	120-LIT-121	120-LIT-121:LEVEL INDICATOR TRANSMITTER	B	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200163	120-LIT-122	120-LIT-122:LEVEL INDICATOR TRANSMITTER	B	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200166	120-LSHH-143	120-LSHH-143:LEVEL SWITCH HIGH HIGH, VIB	D	INST-05	Level Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200169	120-LSHH-144	120-LSHH-144:LEVEL SWITCH HIGH HIGH, VIB	D	INST-05	Level Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200172	120-LT-107	120-LT-107:LEVEL TRANSMITTER, CAPACITANC	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200175	120-LT-123	120-LT-123:LEVEL TRANSMITTER, CAPACITANC	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200177	120-LT-149	120-LT-149:LEVEL TRANSMITTER, CAPACITANC	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200180	120-LT-150	120-LT-150:LEVEL TRANSMITTER, CAPACITANC	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200253	120-LE-134	120-LE-134:LEVEL ELECTRODE, CONDUCTIVITY	D	INST-05	Level Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200256	120-LE-135	120-LE-135:LEVEL ELECTRODE, CONDUCTIVITY	D	INST-05	Level Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200259	120-LE-136	120-LE-136:LEVEL ELECTRODE, CONDUCTIVITY	D	INST-05	Level Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200262	120-LE-137	120-LE-137:LEVEL ELECTRODE, CONDUCTIVITY	D	INST-05	Level Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200265	120-LE-138	120-LE-138:LEVEL ELECTRODE, CONDUCTIVITY	D	INST-05	Level Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200268	120-LE-139	120-LE-139:LEVEL ELECTRODE, CONDUCTIVITY	D	INST-05	Level Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200271	120-LEH-140	120-LEH-140:LEVEL ELECTRODE HIGH, CONDUC	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200274	120-LEH-151	120-LEH-151:LEVEL ELECTRODE HIGH, CONDUC	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200277	120-LEL-120	120-LEL-120:LEVEL ELECTRODE LOW, CONDUCT	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200280	120-LEN-151	120-LEN-151:LEVEL ELECTRODE, CONDUCTIVIT	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200286	120-LIT-125	120-LIT-125:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330200289	120-LIT-126	120-LIT-126:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330200292	120-LIT-127	120-LIT-127:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330200296	120-LIT-128	120-LIT-128:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330200299	120-LIT-129	120-LIT-129:LEVEL INDICATOR TRANSMITTER	D	INST-05	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330200302	120-LSH-103	120-LSH-103:LEVEL SWITCH HIGH, VIBRATION	D	INST-05	Level Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200305	120-LSH-104	120-LSH-104:LEVEL SWITCH HIGH, VIBRATION	D	INST-05	Level Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200308	120-LSH-145	120-LSH-145:LEVEL SWITCH HIGH, D/P	D	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200311	120-LSH-146	120-LSH-146:LEVEL SWITCH HIGH, D/P	D	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200314	120-LSHH-141	120-LSHH-141:LEVEL SWITCH HIGH HIGH, D/P	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200317	120-LSHH-142	120-LSHH-142:LEVEL SWITCH HIGH HIGH, D/P	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330203628	123-LG-002	123-LG-002:LEVEL GAUGE	C	INST-05	Level Device	SULPHURIC ACID SYSTEM AREA-123		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330203629	123-LT-001	123-LT-001:LEVEL TRANSMITTER	C	INST-05	Level Device	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	330203632	124-LT-001	124-LT-001:LEVEL TRANSMITTER	C	INST-05	Level Device	CAUSTIC SYSTEM AREA-124		Zone 5
	330203633	124-LT-002	124-LT-002:LEVEL TRANSMITTER	C	INST-05	Level Device	CAUSTIC SYSTEM AREA-124		Zone 5
	330228115	111-LSLL-103	111-LSLL-103:LEVEL SWITCH LOW LOW	A	INST-05	Level Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228116	111-LSLL-203	111-LSLL-203:LEVEL SWITCH LOW LOW	A	INST-05	Level Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330228117	111-LSLL-303	111-LSLL-303:LEVEL SWITCH LOW LOW	A	INST-05	Level Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330228118	111-LSLL-403	111-LSLL-403:LEVEL SWITCH LOW LOW	A	INST-05	Level Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330228354	115-LG-141	115-LG-141:LEVEL GAUGE, LUBE OIL RESERVO	D	INST-05	Level Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228355	115-LG-171	115-LG-171:LEVEL GAUGE, SURF COND	D	INST-05	Level Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228356	115-LIT-171	115-LIT-171:LEVEL INDICATOR TRANSMITTER,	D	INST-05	Level Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330278077	111-LIC-912	111-LIC-912:LEVEL INDICATOR CONTROLLER	A	INST-05	Level Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330283685	000-LT-001	000-LT-001:Closed drain drum Level TX	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330283686	000-LT-002	000-LT-002: CLSD DRN DRM D-001 LVEL TX	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330283687	000-LT-003	000-LT-003: ACTC ACD DRN DRM LEVEL TX	D	INST-05	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330283688	000-LT-004	000-LT-004: ACTC ACD DRN DRM LEVEL TX	D	INST-04	Level Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330362540	110-LSL-322	110-LSL-322: K-003 L/O tank level switch	C	INST-05	Level Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330443323	117-LT-171	117-LT-171:LEVEL TRANSMITTER	C	INST-05	Level Device	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	330445742	120-LT-115	120-LT-115;LEVEL TRANSM:REM.SEAL DP TYPE	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330445743	120-LT-128	120-LT-128;LEVEL TRANSM:REM.SEAL DP TYPE	D	INST-05	Level Device	EFFLUENT STORAGE AREA-120		Zone 5
	330468003	109-LSL-026	109-LSL-026:LEVEL SWITCH LOW	D	INST-05	Level Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330507736	116-LT-171A	116-LT-171A	C	INST-05	Level Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330520972	120-LG-1181	120-LG-1181:MAGNETIC LEVEL GAUGE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520973	120-LG-1611	120-LG-1611:MAGNETIC LEVEL GAUGE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520974	120-LG-1621	120-LG-1621:MAGNETIC LEVEL GAUGE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520975	120-LG-1631	120-LG-1631:MAGNETIC LEVEL GAUGE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520976	120-LG-1632	120-LG-1632:MAGNETIC LEVEL GAUGE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520977	120-LG-1641	120-LG-1641:MAGNETIC LEVEL GAUGE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520978	120-LG-1642	120-LG-1642:MAGNETIC LEVEL GAUGE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520979	120-LG-1651	120-LG-1651:MAGNETIC LEVEL GAUGE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520980	120-LIT-1011	120-LIT-1011:NON-CONTACT ULTRASONIC LEVE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520981	120-LIT-1120	120-LIT-1120:NON-CONTACT ULTRASONIC LEVE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520982	120-LIT-1140	120-LIT-1140:DIFFERENTIAL PRESSURE LEVEL	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520983	120-LIT-1170	120-LIT-1170:NON-CONTACT ULTRASONIC LEVE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520984	120-LIT-1181	120-LIT-1181:DIFFERENTIAL PRESSURE LEVEL	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520985	120-LIT-1250	120-LIT-1250:NON-CONTACT ULTRASONIC LEVE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520986	120-LIT-1340	120-LIT-1340:NON-CONTACT ULTRASONIC LEVE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520987	120-LIT-1350	120-LIT-1350:NON-CONTACT ULTRASONIC LEVE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520988	120-LIT-1410	120-LIT-1410:NON-CONTACT ULTRASONIC LEVE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520989	120-LIT-1450	120-LIT-1450:NON-CONTACT ULTRASONIC LEVE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520990	120-LIT-1611	120-LIT-1611:DIFFERENTIAL PRESSURE LEVEL	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520991	120-LIT-1621	120-LIT-1621:DIFFERENTIAL PRESSURE LEVEL	D	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520992	120-LIT-1631	120-LIT-1631:DIFFERENTIAL PRESSURE LEVEL	D	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520993	120-LIT-1641	120-LIT-1641:DIFFERENTIAL PRESSURE LEVEL	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520994	120-LIT-1651	120-LIT-1651:DIFFERENTIAL PRESSURE LEVEL	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520995	120-LIT-1680	120-LIT-1680:NON-CONTACT ULTRASONIC LEVE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520996	120-LIT-1691	120-LIT-1691:NON-CONTACT ULTRASONIC LEVE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520997	120-LIT-1700	120-LIT-1700:NON-CONTACT ULTRASONIC LEVE	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520998	120-LSLL-1121	120-LSLL-1121:SWITCH	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330520999	120-LSLL-1141	120-LSLL-1141:SWITCH	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521000	120-LSLL-1171	120-LSLL-1171:SWITCH	C	INST-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330525004	107-LT-003B	107-LT-003B:SMART DIFF PRES TRANSM (LEVE	C	MECH-05	Level Device	AEROBIC TREATMENT AREA-120		Zone 5
	330525005	113-LT-5011	113-LT-5011:SMART DIFF PRES TRANSM (LEVE	C	MECH-05	Level Device	AEROBIC TREATMENT AREA-120	Process Water Area	Zone 5
	330525006	113-LT-5013	113-LT-5013:SMART DIFF PRES TRANSM (LEVE	C	MECH-05	Level Device	AEROBIC TREATMENT AREA-120	Process Water Area	Zone 5
	330525007	113-LT-5014	113-LT-5014:SMART DIFF PRES TRANSM (LEVE	C	MECH-05	Level Device	AEROBIC TREATMENT AREA-120	Process Water Area	Zone 5
	330525008	TF2-LT-2201	TF2-LT-2201:SMART DIFF PRES TRANSM (LEVE	C	INST-05	Level Device	PIPING SYSTEM		Zone 5
	330525009	TF2-LT-2203	TF2-LT-2203:RADAR TYPE LEVEL INSTRUMENT	C	INST-05	Level Device	PIPING SYSTEM		Zone 5
	330525010	TF2-LT-2202	TF2-LT-2202:SMART DIFF PRES TRANSM (LEVE	C	INST-05	Level Device	PIPING SYSTEM		Zone 5
	330525011	TF2-LT-2204	TF2-LT-2204:RADAR TYPE LEVEL INSTRUMENT	C	INST-05	Level Device	PIPING SYSTEM		Zone 5
	330525327	000-LT-5011A	000-LT-5011A:GUIDE WAVE RADAR TRANSMITTE	C	INST-05	Level Device	PIPING SYSTEM		Zone 5
	330525328	000-LT-5011B	000-LT-5011B:GUIDE WAVE RADAR TRANSMITTE	C	INST-05	Level Device	PIPING SYSTEM		Zone 5
	330525329	000-LT-5013A	000-LT-5013A:GUIDE WAVE RADAR TRANSMITTE	C	INST-05	Level Device	PIPING SYSTEM		Zone 5
	330525330	000-LT-5013B	000-LT-5013B:GUIDE WAVE RADAR TRANSMITTE	C	INST-05	Level Device	PIPING SYSTEM		Zone 5
	330525331	000-LT-5015A	000-LT-5015A:GUIDE WAVE RADAR TRANSMITTE	C	INST-05	Level Device	PIPING SYSTEM		Zone 5
	330525332	000-LT-5015B	000-LT-5015B:GUIDE WAVE RADAR TRANSMITTE	C	INST-05	Level Device	PIPING SYSTEM		Zone 5
	330525333	TF2-LT-2205	TF2-LT-2205:GUIDE WAVE RADAR TRANSMITTER	C	INST-05	Level Device	PIPING SYSTEM		Zone 5
	330531961	120-FE-1161	120-FE-1161:ELECTROMAGNET	C	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330531963	120-FE-1412	120-FE-1412:ELECTROMAGNET	B	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330531964	120-FE-1341	120-FE-1341:ELECTROMAGNET	C	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330531966	120-FE-1261	120-FE-1261:ELECTROMAGNET	C	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330531967	120-FE-1002	120-FE-1002:ELECTROMAGNET	C	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330531969	120-FE-1251	120-FE-1251:ELECTROMAGNET	C	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330531971	120-FE-1411	120-FE-1411:ELECTROMAGNET	B	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330531972	120-FE-1332	120-FE-1332:ELECTROMAGNET	C	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330531973	120-FE-1511	120-FE-1511:ELECTROMAGNET	C	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330531979	120-FE-1162	120-FE-1162:ELECTROMAGNET	C	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330531980	120-FE-1001	120-FE-1001:ELECTROMAGNET	C	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330531982	120-LIT-1541	120-LIT-1541:DIFFERENTIAL PRESSURE LEVEL	C	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330531983	120-LIT-1530	120-LIT-1530:DIFFERENTIAL PRESSURE LEVEL	C	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330531984	120-LIT-1471	120-LIT-1471:DIFFERENTIAL PRESSURE LEVEL	B	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330531986	120-LIT-1510	120-LIT-1510:DIFFERENTIAL PRESSURE LEVEL	C	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330531988	120-LIT-1661	120-LIT-1661:DIFFERENTIAL PRESSURE LEVEL	C	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330531989	120-LIT-1542	120-LIT-1542:DIFFERENTIAL PRESSURE LEVEL	C	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330531992	120-LIT-1561	120-LIT-1561:DIFFERENTIAL PRESSURE LEVEL	C	INST-03	Level Device	PRETREATMENT AREA AREA-120		Zone 5
	330536492	112-LIT-401	112-LIT-401:Level Transmitter - Ultrason	D	INST-05	Level Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
LOGIC CONTROL UNIT									
19	320035269	000-FDB-1A1	000-FDB-1A1:FIELD DB FOR UPS, UTILITIES	D	ELEC-05	Logical Control Unit	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320035270	000-FDB-1B1	000-FDB-1B1:FIELD DB FOR UPS, UTILITIES	D	ELEC-05	Logical Control Unit	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320035271	000-FLB-001	000-FLB-001:LIGHTING PANEL, SECURITY FEN	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035272	000-FLB-002	000-FLB-002:LIGHTING PANEL, SECURITY FEN	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035273	000-FLB-003	000-FLB-003:LIGHTING PANEL, SECURITY FEN	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035274	000-FLB-004	000-FLB-004:LIGHTING PANEL, SECURITY FEN	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035275	000-FLB-005	000-FLB-005:LIGHTING PANEL, SECURITY FEN	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035276	000-FLB-006	000-FLB-006:LIGHTING PANEL, SECURITY FEN	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035277	000-FLB-007	000-FLB-007:LIGHTING PANEL, SECURITY FEN	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035278	000-FLB-008	000-FLB-008:LIGHTING PANEL, SECURITY FEN	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035283	000-PDB-001	000-PDB-001:POWER DB, EM LIGHTING OFFICE	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035284	000-PDB-002	000-PDB-002:POWER DB, CAR PARK LIGHTING	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035285	000-PDB-003	000-PDB-003:POWER DB, CAR PARK LIGHTING	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035286	000-PDB-004	000-PDB-004:POWER DB, SMALL POWER UTILIT	D	ELEC-05	Logical Control Unit	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320035287	000-PDB-005	000-PDB-005:POWER DB, SMALL POWER UTILIT	D	ELEC-05	Logical Control Unit	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320035288	000-PDB-006	000-PDB-006:POWER DB, STREET LIGHTING MA	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035289	000-PDB-007	000-PDB-007:POWER DB, STREET LIGHTING UT	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035290	000-PDB-020	000-PDB-020:POWER DB, 115KV SWITCHGEAR A	D	ELEC-05	Logical Control Unit	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035291	000-PDB-021	000-PDB-021:POWER DB, 115KV SWITCHGR 380	D	ELEC-05	Logical Control Unit	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035292	000-PDB-CP1	000-PDB-CP1:POWER DB, CATHODIC PROTECTIO	D	ELEC-05	Logical Control Unit	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320035293	000-PDB-CP2	000-PDB-CP2:POWER DB, CATHODIC PROTECTIO	D	ELEC-05	Logical Control Unit	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320035294	000-PDB-TH1	000-PDB-TH1:POWER DB, HEAT TRACING UTILI	D	ELEC-05	Logical Control Unit	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320035295	000-PDB-TH2	000-PDB-TH2:POWER DISTRIBUTION BOARD, HE	D	ELEC-05	Logical Control Unit	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320035296	000-PDB-TH3	000-PDB-TH3:POWER DISTRIBUTION BOARD, HE	D	ELEC-05	Logical Control Unit	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320035333	000-PDB-009	000-PDB-009:POWER DB, STREET LIGHTING ET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035334	000-PDB-010	000-PDB-010:POWER DB, STREET LIGHTING W/	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035335	000-PDB-011	000-PDB-011:POWER DB, PLANT EMERGENCY LI	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035336	000-PDB-012	000-PDB-012:POWER DB, PLANT EMERGENCY LI	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035337	000-PDB-013	000-PDB-013:POWER DB, PLANT NORMAL LIGHT	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035338	000-PDB-014	000-PDB-014:POWER DB, PLANT NORMAL LIGHT	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035339	000-PDB-015	000-PDB-015:POWER DISTRIBUTION BOARD, LI	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035340	000-PDB-016	000-PDB-016:POWER DISTRIBUTION BOARD, OU	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320035341	000-PDB-017	000-PDB-017:POWER DISTRIBUTION BOARD, LI	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320037766	115-PDB-001	115-PDB-001:POWER DB, EM LIGHTING P/F &	D	ELEC-05	Logical Control Unit	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320037767	115-PDB-MOV1	115-PDB-MOV1:POWER DISTRIBUTION BOARD, M	D	ELEC-05	Logical Control Unit	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320037768	115-PDB-MOV2	115-PDB-MOV2:POWER DISTRIBUTION BOARD, M	D	ELEC-05	Logical Control Unit	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320037783	116-PDB-MOV1	116-PDB-MOV1:POWER DB, MOV SUPPLIES COOL	D	ELEC-05	Logical Control Unit	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320037784	116-PDB-MOV2	116-PDB-MOV2:POWER DB, MOV SUPPLIES COOL	D	ELEC-05	Logical Control Unit	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320037800	117-PDB-MOV1	117-PDB-MOV1:POWER DB, MOV SUPPLIES CHIL	D	ELEC-05	Logical Control Unit	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	320037801	117-PDB-MOV2	117-PDB-MOV2:POWER DB, MOV EM SPLY CHILL	D	ELEC-05	Logical Control Unit	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	320037955	120-PDB-001	120-PDB-001:POWER DB, EMERGENCY LIGHTING	D	ELEC-05	Logical Control Unit	LIGHTINGS FOR ETP SECTION		Zone 5
	320037956	120-PDB-002	120-PDB-002:POWER DB, PLANT LIGHTING ETP	D	ELEC-05	Logical Control Unit	LIGHTINGS FOR ETP SECTION		Zone 5
	320038505	154-EPDB-001	154-EPDB-001:EMERGENCY LIGHTING PANEL	D	ELEC-05	Logical Control Unit	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320038506	154-PDB-002	154-PDB-002:POWER DISTRIBUTION BOARD, LI	D	ELEC-05	Logical Control Unit	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320038507	154-PDB-003	154-PDB-003:POWER DISTRIBUTION BOARD, SO	D	ELEC-05	Logical Control Unit	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320038508	154-PDB-004	154-PDB-004:POWER DB, 220V AC AUX. SWITC	D	ELEC-05	Logical Control Unit	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	320038509	154-PDB-005	154-PDB-005:POWER DB, 220V AC AUX. SWITC	D	ELEC-05	Logical Control Unit	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320038512	158-PDB-001	158-PDB-001:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038513	158-PDB-002	158-PDB-002:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038515	158-PDB-003	158-PDB-003:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038516	159-PDB-001	159-PDB-001:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038517	159-PDB-002	159-PDB-002:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038518	159-PDB-003	159-PDB-003:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038549	160-PDB-002M	160-PDB-002M:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038550	161-PDB-001	161-PDB-001:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038551	161-PDB-002	161-PDB-002:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038552	161-PDB-003	161-PDB-003:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038553	163-PDB-001	163-PDB-001:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038554	163-PDB-002	163-PDB-002:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038569	160-PDB-002A	160-PDB-002A:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038570	160-PDB-002B	160-PDB-002B:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038571	160-PDB-002C	160-PDB-002C:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038572	160-PDB-002D	160-PDB-002D:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038573	160-PDB-002E	160-PDB-002E:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038574	160-PDB-002F	160-PDB-002F:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038575	160-PDB-002G	160-PDB-002G:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038576	160-PDB-002H	160-PDB-002H:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038577	160-PDB-002K	160-PDB-002K:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320038578	160-PDB-002L	160-PDB-002L:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320049775	115-PDB-002	115-PDB-002:POWER DB, GENREL LIGHTNG P/F	D	ELEC-05	Logical Control Unit	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320049847	158-PDB-001A	158-PDB-001A:POWER DB, LIGHTING & SOCKET	D	ELEC-02	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320049849	158-PDB-002A	158-PDB-002A:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320049850	158-PDB-002B	158-PDB-002B:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320049851	158-PDB-002C	158-PDB-002C:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320049852	158-PDB-002D	158-PDB-002D:POWER DB, LIGHTING & SOCKET	D	ELEC-02	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320049853	158-PDB-002E	158-PDB-002E:POWER DB, LIGHTING & SOCKET	D	ELEC-02	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320049854	158-PDB-003A	158-PDB-003A:POWER DB, LIGHTING & SOCKET	D	ELEC-02	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320049855	159-PDB-002A	159-PDB-002A:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320049856	159-PDB-002B	159-PDB-002B:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320049858	161-PDB-002B	161-PDB-002B:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320049859	161-PDB-002C	161-PDB-002C:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320049860	161-PDB-002D	161-PDB-002D:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320049863	163-PDB-002A	163-PDB-002A:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320049864	163-PDB-002B	163-PDB-002B:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320049895	159-PDB-002C	159-PDB-002C:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320049896	159-PDB-002D	159-PDB-002D:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320049901	161-PDB-002A	161-PDB-002A:POWER DB, LIGHTING & SOCKET	D	ELEC-05	Logical Control Unit	LIGHTING FOR UTY-2		Zone 5
	320069910	'S DIST. PANEL IN E	UPS DIST. PANEL IN ETP	D	MECH-05	Logical Control Unit	ETP SUBSTATION		Zone 5
	320069911	000-PMCC-005 A/B	SCADA FOR UTILITY # 2 PACKAGE SUBSTATION	B	ELEC-04	Logical Control Unit	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320123864	161-PP-001	161-PP-001:LIGHTING PANEL	D	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123865	161-PP-002	161-PP-002:LIGHTING PANEL	D	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123866	166-LP-001	166-LP-001:LIGHTING PANEL	D	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123867	190-LP-001	190-LP-001:LIGHTING PANEL	D	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123868	151-ELP-001	151-ELP-001:LIGHTING PANEL	D	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123869	131-LP-001	131-LP-001:LIGHTING PANEL	D	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123870	VSB-076-LP-002	VSB-076-LP-002:LIGHTING PANEL	D	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123871	161-LP-001	161-LP-001:LIGHTING PANEL	D	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123872	166-PANE-001	166-PANE-001:POWER PANEL	A	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123873	166-PANE-002	166-PANE-002:POWER PANEL	A	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123874	161-PANE-001	161-PANE-001:POWER PANEL	A	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123875	161-PANE-002	161-PANE-002:POWER PANEL	A	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123876	VSB-076-PDP-002	VSB-076-PDP-002:POWER PANEL	B	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123877	131-PANE-001	131-PANE-001:POWER PANEL	A	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123878	131-PANE-002	131-PANE-002:POWER PANEL	A	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123879	161-PANE-003	161-PANE-003:POWER PANEL	A	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123880	161-PANE-004	161-PANE-004:POWER PANEL	A	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123881	161-PANE-005	161-PANE-005:POWER PANEL	A	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123882	161-PANE-006	161-PANE-006:POWER PANEL	A	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123883	161-PANE-007	161-PANE-007:POWER PANEL	A	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123884	161-PANE-008	161-PANE-008:POWER PANEL	A	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123885	131-RP-001	131-RP-001:RECEPTABLE PANEL	C	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123886	166-PANE-003E	166-PANE-003E:POWER PANEL	A	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123887	VSB-076-PDP-004	VSB-076-PDP-004:POWER PANEL	B	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123888	TF2-LPB-2203	TF2-LPB-2203:POWER PANEL	C	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123889	TF2-PDP-2201	TF2-PDP-2201:POWER PANEL	C	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123890	TF2-PDP-2202	TF2-PDP-2202:POWER PANEL	C	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123891	TF2-LP-2201	TF2-LP-2201:LIGHTING PANEL	D	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123892	TF2-LP-2202	TF2-LP-2202:LIGHTING PANEL	D	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123893	TF2-LP-2203	TF2-LP-2203:LIGHTING PANEL	D	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123894	TF2-LP-2204	TF2-LP-2204:LIGHTING PANEL	D	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123895	TF2-LPB-2201	TF2-LPB-2201:RECEPTABLE PANEL	C	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123896	TF2-LPB-2202	TF2-LPB-2202:RECEPTABLE PANEL	C	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123897	VSB-076-PP-002	VSB-076-PP-002:RECEPTABLE PANEL	B	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123898	151-ERP-001	151-ERP-001:RECEPTABLE PANEL	C	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123899	190-ERP-001	190-ERP-001:RECEPTABLE PANEL	C	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123900	166-ERP-001	166-ERP-001:RECEPTABLE PANEL	C	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123901	161-RP-001	161-RP-001:RECEPTABLE PANEL	C	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123902	P-72-PP-3060	P-72-PP-3060:POWER PANEL	C	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123903	P-72-PP-3061	P-72-PP-3061:POWER PANEL	C	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123904	P-72-RP-3035	P-72-RP-3035:RECEPTABLE PANEL	C	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123905	P-72-LP-3021	P-72-LP-3021:LIGHTING PANEL	D	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123907	V25-006-LP-003	V25-006-LP-003:LIGHTING PANEL	D	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320123908	V23-006-PP-019	V23-006-PP-019:RECEPTABLE PANEL	C	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	320125382	V84-PP-01	V84-PP-01: Power Distribution Panel (Ara	A	ELEC-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	330471764	120-PLC	120-PLC: UYT-2 ETP PLC	C	INST-05	Logical Control Unit	LOCAL CONTROL ROOM AREA-120		Zone 5
	330481202	U-DCB-01	U-DCB-01:DCS COMMUNICATION BAY AT CCR	D	INST-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	330481203	U-DCB-02	U-DCB-02:DCS COMMUNICATION BAY AT CCR	D	INST-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	330525358	115-PDU-101	115-PDU-101:POWER CABINET	C	INST-05	Logical Control Unit	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330525359	115-DCB-501	115-DCB-501:NETWORK CABINET	C	INST-05	Logical Control Unit	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330525360	116-PDU-101	116-PDU-101:POWER CABINET	C	INST-05	Logical Control Unit	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330525361	116-DCB-501	116-DCB-501:NETWORK CABINET	C	INST-05	Logical Control Unit	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330525362	117-PDU-101	117-PDU-101:POWER CABINET	C	INST-05	Logical Control Unit	COOLING WATER SYSTEM AREA-116	Cooling Water Area 2	Zone 5
	330525363	117-DCB-501	117-DCB-501:NETWORK CABINET	C	INST-05	Logical Control Unit	COOLING WATER SYSTEM AREA-116	Cooling Water Area 2	Zone 5
	330525365	U-DCB-501	U-DCB-501:NETWORK CABINET	C	INST-05	Logical Control Unit	LOCAL CONTROL ROOM AREA-120		Zone 5
	330525366	U-DCB-502	U-DCB-502:NETWORK CABINET	C	INST-05	Logical Control Unit	LOCAL CONTROL ROOM AREA-120		Zone 5
	330525367	U-DCB-503	U-DCB-503:NETWORK CABINET	C	INST-05	Logical Control Unit	LOCAL CONTROL ROOM AREA-120		Zone 5
	330525368	U-DCB-504	U-DCB-504:NETWORK CABINET	C	INST-05	Logical Control Unit	LOCAL CONTROL ROOM AREA-120		Zone 5
	330525369	U-DCB-505	U-DCB-505:NETWORK CABINET	A	INST-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	330525373	P-DCB-501	P-DCB-501:NETWORK CABINET	A	INST-03	Logical Control Unit	PIPING SYSTEM		Zone 5
	330525374	P-DCB-502	P-DCB-502:NETWORK CABINET	A	INST-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	330525375	100-DCB-501	100-DCB-501:NETWORK CABINET	A	INST-05	Logical Control Unit	PIPING SYSTEM	Acetic Acid Plant	Zone 5
	330532088	E-OPS-301	E-OPS-301: Dual Screen HIS (DCS Operatio	C	INST-03	Logical Control Unit	PIPING SYSTEM		Zone 5
	330532089	E-PRT-301	E-PRT-301: Color Laser Printer	D	INST-03	Logical Control Unit	PIPING SYSTEM		Zone 5
	330533479	115-LPP-101C	115-LPP-101C: System Rack	B	INST-05	Logical Control Unit	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330533482	115-LPP-102C	115-LPP-102C: System Rack	B	INST-05	Logical Control Unit	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330533484	115-LPP-103B	115-LPP-103B: System Rack	B	INST-05	Logical Control Unit	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330533488	116-LPP-101C	116-LPP-101C: System Rack	C	INST-05	Logical Control Unit	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330533491	116-LPP-102C	116-LPP-102C: System Rack	C	INST-05	Logical Control Unit	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330533493	116-LPP-103B	116-LPP-103B: System Rack	C	INST-05	Logical Control Unit	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330533497	117-LPP-101C	117-LPP-101C: System Rack	C	INST-05	Logical Control Unit	COOLING WATER SYSTEM AREA-116	Cooling Water Area 2	Zone 5
	330533499	117-LPP-102B	117-LPP-102B: System Rack	C	INST-05	Logical Control Unit	COOLING WATER SYSTEM AREA-116	Cooling Water Area 2	Zone 5
	330533501	116-FCS-501	116-FCS-501: System Rack	C	INST-05	Logical Control Unit	LOCAL CONTROL ROOM AREA-120	Cooling Water Area	Zone 5
	330533503	116-FCS-502	116-FCS-502: System Rack	C	INST-05	Logical Control Unit	LOCAL CONTROL ROOM AREA-120	Cooling Water Area	Zone 5
	330533505	116-FCS-503	116-FCS-503: System Rack	C	INST-05	Logical Control Unit	LOCAL CONTROL ROOM AREA-120	Cooling Water Area	Zone 5
	330533506	116-FCS-504	116-FCS-504: System Rack	C	INST-05	Logical Control Unit	LOCAL CONTROL ROOM AREA-120	Cooling Water Area	Zone 5
	330533507	U-FCS-501	U-FCS-501: System Cabinet	C	INST-05	Logical Control Unit	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533541	111-LCC-101A	111-LCC-101A: Power Distrbn.Panel	B	INST-05	Logical Control Unit	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533547	111-LCC-201A	111-LCC-201A: Power Distrbn. Rack	B	INST-05	Logical Control Unit	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533553	111-LCC-301A	111-LCC-301A: Power dISTRBN.pANEL	B	INST-05	Logical Control Unit	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533559	111-LCC-401A	111-LCC-401A: Power Distrbn.Rack	B	INST-05	Logical Control Unit	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533565	111-LCC-901A	111-LCC-901A: Power Distrbn.Rack	B	INST-05	Logical Control Unit	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533570	U-ESD-501	U-ESD-501: System Cabinet	C	INST-05	Logical Control Unit	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533596	P-ESD-102	P-ESD-102: System Cabinet	A	INST-05	Logical Control Unit	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533619	P-F&G-02	P-F&G-02: System Cabinet	A	INST-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	330533621	100-FP-001	100-FP-001: System Cabinet	A	INST-05	Logical Control Unit	PIPING SYSTEM	Acetic Acid Plant	Zone 5
	330533634	TF2-ESD-2201	TF2-ESD-2201: System Cabinet	A	INST-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	330533636	TF2-FGS-2201	TF2-FGS-2201: System Cabinet	A	INST-05	Logical Control Unit	PIPING SYSTEM		Zone 5
	330533642	112-FCS-501	112-FCS-501: System Rack	C	INST-05	Logical Control Unit	LOCAL CONTROL ROOM AREA-120	Deaminraize Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330536982	U-F&G-01	U-F&G-01:Power Distrbn.Rack	A	INST-05	Logical Control Unit	LOCAL CONTROL ROOM AREA-120		Zone 5
	330536983	U-F&G-02	U-F&G-02:Power Distrbn.Rack	A	INST-05	Logical Control Unit	LOCAL CONTROL ROOM AREA-120		Zone 5
	330456364	120-ETP-SCADA	120-ETP-SCADA :LOGICAL CONTROL UNIT	C	INST-05	Logical Control Unit	LOCAL CONTROL ROOM AREA-120		Zone 5
MATERIAL MOVER									
20	310067389	120-BP-001	120-BP-001:SLUDGE THICKENER AND BELT PRE	C	MECH-05	Material Mover	BELT PRESS PROCESS AREA-120		Zone 5
	310067483	120-SC-001	120-SC-001:SLUDGE DISPOSAL CONVEYOR	D	MECH-05	Material Mover	BELT PRESS PROCESS AREA-120		Zone 5
	310654066	120-Y-111A2	120-Y-111A2:SLUDGE CONVEYOR	C	MECH-05	Material Mover	AEROBIC TREATMENT AREA-120		Zone 5
	310654068	120-Y-111B2	120-Y-111B2:SLUDGE CONVEYOR	C	MECH-05	Material Mover	AEROBIC TREATMENT AREA-120		Zone 5
	310654070	120-Y-111C2	120-Y-111C2:SLUDGE CONVEYOR	C	MECH-05	Material Mover	AEROBIC TREATMENT AREA-120		Zone 5
	310874896	120-Y-102A1	120-Y-102A1:conveyor belt	D	MECH-05	Material Mover	AEROBIC TREATMENT AREA-120		Zone 5
	310874897	120-Y-102B1	120-Y-102B1:conveyor belt	D	MECH-05	Material Mover	AEROBIC TREATMENT AREA-120		Zone 5
MATERIAL PROCESSING									
21	310654061	120-Y-102A	120-Y-102A:FILTER PRESS	D	MECH-05	Material Processing	AEROBIC TREATMENT AREA-120		Zone 5
	310654062	120-Y-102B	120-Y-102B:FILTER PRESS	D	MECH-05	Material Processing	AEROBIC TREATMENT AREA-120		Zone 5
	310654063	120-Y-142A	120-Y-142A:BELT PRESS(INCLUDING120-M-142	D	MECH-05	Material Processing	AEROBIC TREATMENT AREA-120		Zone 5
	310654064	120-Y-142B	120-Y-142B:BELT PRESS(INCLUDING120-M-142	D	MECH-05	Material Processing	AEROBIC TREATMENT AREA-120		Zone 5
MECHANICAL FIXED MISC.									
22	310067480	120-S-001	120-S-001:PRIMARY SETTLEMENT TANK SCRAPE	D	MECH-05	Mech. Fixed Misc.	PRETREATMENT AREA AREA-120		Zone 5
	310067481	120-S-002	120-S-002:FINAL SETTLEMENT TANK SCRAPER	D	MECH-05	Mech. Fixed Misc.	AEROBIC TREATMENT AREA-120		Zone 5
	310067482	120-S-003	120-S-003:FINAL SETTLEMENT TANK SCRAPER	D	MECH-05	Mech. Fixed Misc.	AEROBIC TREATMENT AREA-120		Zone 5
	360019340	120-FHY-044	120-FHY-044: Hydrants Pipe Carry Door	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019341	120-FHY-045	120-FHY-045: Hydrants Pipe Carry Door	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019342	115-FHY-060	115-FHY-060: Hydrants Car Parking Area	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Sea Water Area	Zone 5
	360019343	115-FHY-061	115-FHY-061: Hydrants W / S Of The Mosqu	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Sea Water Area	Zone 5
	360019344	115-FHY-062	115-FHY-062: Hydrants N / Side Of Admin	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Sea Water Area	Zone 5
	360019345	115-FHY-063	115-FHY-063: Hydrants S / S Of Security	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Sea Water Area	Zone 5
	360019346	115-FHY-064	115-FHY-064: Hydrants Near Security Gate	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Sea Water Area	Zone 5
	360019347	115-FHY-065	115-FHY-065: Hydrants W / Side Of C.C.R.	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Sea Water Area	Zone 5
	360019348	115-FHY-066	115-FHY-066: Hydrants N / S Of Chemical	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Sea Water Area	Zone 5
	360019349	110-FHY-067	110-FHY-067: Hydrants Utility Near Comp.	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Compressor Area	Zone 5
	360019350	113-FHY-068	113-FHY-068: Hydrants Util. Near Wat. St	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Process Water Area	Zone 5
	360019351	106-FHY-069	106-FHY-069: Hydrants C10/C6 OIL TANK	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Tankage Area	Zone 5
	360019352	107-FHY-070	107-FHY-070: Hydrants Util. Near Pipe Ra	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019353	120-FHY-093	120-FHY-093: Hydrants S / Side Of ETP Pl	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019354	120-FHY-094	120-FHY-094: Hydrants Front Of ETP N / S	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019355	120-FHY-095	120-FHY-095: Hydrants Chemical W/H. N/Si	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019356	120-FHY-096	120-FHY-096: Hydrants S/S. Of Chem. W /	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019357	120-FHY-097	120-FHY-097: Hydrants S/S Of Mat .W / Ho	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019358	120-FHY-098	120-FHY-098: Hydrants N/S Of Material W	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019359	120-FHY-099	120-FHY-099: Hydrants N/S Of Cent . W /	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019360	120-FHY-100	120-FHY-100: Hydrants S/W Of Cent. W / S	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019361	115-FHY-132	115-FHY-132: Hydrants Main Sub Station	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Sea Water Area	Zone 5
	360019362	118-FSH-011A	118-FSH-011A: Deluge System Fuel Oil Tan	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019363	118-FSH-011B	118-FSH-011B: Deluge System Fuel Oil Tan	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019364	118-FSH-011C	118-FSH-011C: Deluge System Fuel Oil Pum	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019365	118-FSH-011D	118-FSH-011D: Deluge System Fuel Oil Pum	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019366	118-FSH-011E	118-FSH-011E: Deluge System Fuel Oil Pum	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019367	118-FSH-011F	118-FSH-011F: Deluge System Fuel Oil Pum	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019368	118-FSH-010C	118-FSH-010C: Deluge System Fuel Gas Are	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019446	50-PIV-054	50-PIV-054:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019447	50-PIV-55	50-PIV-55:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019448	50-PIV-056	50-PIV-056:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019449	50-PIV-057	50-PIV-057:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019450	50-PIV-058	50-PIV-058:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019451	50-PIV-059	50-PIV-059:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019452	50-PIV-060	50-PIV-060:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019453	50-PIV-061	50-PIV-061:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019454	50-PIV-062	50-PIV-062:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019455	50-PIV-063	50-PIV-063:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019456	50-PIV-064	50-PIV-064:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019457	50-PIV-065	50-PIV-065:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019458	50-PIV-066	50-PIV-066:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019459	50-PIV-067	50-PIV-067:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019460	50-PIV-068	50-PIV-068:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019461	50-PIV-069	50-PIV-069:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019462	50-PIV-070	50-PIV-070:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019464	50-PIV-072	50-PIV-072:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019465	50-PIV-073	50-PIV-073:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019466	50-PIV-074	50-PIV-074:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019467	50-PIV-075	50-PIV-075:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019468	50-PIV-076	50-PIV-076:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019469	50-PIV-077	50-PIV-077:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019470	50-PIV-078	50-PIV-078:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019471	50-PIV-079	50-PIV-079:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019472	50-PIV-080	50-PIV-080:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019473	50-PIV-081	50-PIV-081:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019493	50-PIV-101	50-PIV-101:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019494	50-PIV-102	50-PIV-102:Fire water isolation	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Aromatics Common Unit	Zone 5
	360019547	120-FHY-101	120-FHY-101: Hydrants S/E Of Cent. W / S	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019710	FHY-060	FHY-060:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019711	FHY-061	FHY-061:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019712	FHY-062	FHY-062:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019713	FHY-063	FHY-063:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019714	FHY-064	FHY-064:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019715	FHY-065	FHY-065:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019716	FHY-066	FHY-066:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019717	FHY-067	FHY-067:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019718	FHY-068	FHY-068:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019719	FHY-069	FHY-069:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019720	FHY-070	FHY-070:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019721	FHY-093	FHY-093:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019722	FHY-094	FHY-094:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019723	FHY-095	FHY-095:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019724	FHY-096	FHY-096:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019725	FHY-097	FHY-097:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019726	FHY-098	FHY-098:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019727	FHY-099	FHY-099:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019728	FHY-100	FHY-100:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019729	FHY-101	FHY-101:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019730	FHY-132	FHY-132:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019731	FHY-165	FHY-165:Hydrants	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019732	FHC-44	FHC-44:Pipe Corridor	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019733	FHC-45	FHC-45:Pipe Corridor	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019734	FHC-60	FHC-60:Admin Building Area	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019735	FHC-61	FHC-61:Admin Near The Mosque	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019736	FHC-62	FHC-62:Admin Near The Medical	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019737	FHC-63	FHC-63:Admin Near Security Building	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019738	FHC-64	FHC-64:Near Gate 2	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019739	FHC-66	FHC-66:Pipe Corridor	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019740	FHC-67	FHC-67:Utility Shelter	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019741	FHC-68	FHC-68:Between Utility & Vaporizer	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019742	FHC-69	FHC-69:Water Tank	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019743	FHC-70	FHC-70:Process Water Tank	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019744	FHC-93	FHC-93:ETP	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019745	FHC-94	FHC-94:ETP	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019746	FHC-95	FHC-95:Pipe Corridor	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019747	FHC-96	FHC-96:Behind Chemical Store	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019748	FHC-97	FHC-97:Behind Chemical Store	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019749	FHC-98	FHC-98:Pipe Corridor	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019750	FHC-100	FHC-100:Central . M. W / Shop	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019751	FHC-101	FHC-101:Central . M. W / Shop	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019752	FHC-132	FHC-132:Maine. Sub. STN	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019753	FHC-165	FHC-165:CCR. Building	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019754	FHC-99	FHC-99:Pipe Corridor	A	MECH-05	Mech. Fixed Misc.	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360022369	120-PIV-101	120-PIV-101:From WF-120-114 to WF-120-11	A	EHSS-01	Mech. Fixed Misc.	PRETREATMENT AREA AREA-120		Zone 5
	360022370	120-PIV-102	120-PIV-102:From WF-120-116 to WF-120-11	A	EHSS-01	Mech. Fixed Misc.	PRETREATMENT AREA AREA-120		Zone 5
	360022371	120-PIV-103	120-PIV-103:From WF-120-114 to WF-120-11	A	EHSS-01	Mech. Fixed Misc.	PRETREATMENT AREA AREA-120		Zone 5
	360022372	120-PIV-104	120-PIV-104:From WF-120-117 to WF-120-11	A	EHSS-01	Mech. Fixed Misc.	PRETREATMENT AREA AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	360022373	120-FH-101	120-FH-101:From WF-120-115	A	EHSS-01	Mech. Fixed Misc.	PRETREATMENT AREA AREA-120		Zone 5
	360022374	120-FH-102	120-FH-102:From WF-120-117	A	EHSS-01	Mech. Fixed Misc.	PRETREATMENT AREA AREA-120		Zone 5
	360022375	120-FH-103	120-FH-103:From WF-120-116	A	EHSS-01	Mech. Fixed Misc.	PRETREATMENT AREA AREA-120		Zone 5
	360022376	2261-DV-01	2261-DV-01:From WF-120-101 to WF-120-102	A	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022377	2261-PSH-01	2261-PSH-01:From WF-120-102	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022378	2261-XV-01	2261-XV-01:From WF-120-101 to PA-120-102	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022379	2261-PCV-01	2261-PCV-01:From PA-120-107 to PA-120-10	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022380	2261-PG-01	2261-PG-01:From PA-120-107	D	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022381	2261-PG-02	2261-PG-02:From PA-120-107	D	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022382	2261-PSL-03	2261-PSL-03:From PA-120-107	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022383	2261-PSLL-02	2261-PSLL-02:From PA-120-101F	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022398	118-FM-501	118-FM-501 : FROM WF-118-507-8"	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022399	118-FM-502	118-FM-502 : FROM WF-118-507-8"	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022401	TF2-FH-2201	TF2-FH-2201 : FROM FW-125-501	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022402	TF2-FH-2202	TF2-FH-2202 : FROM FW-125-501	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022403	TF2-FH-2204	TF2-FH-2204 : FROM FW-125-501	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022404	TF2-FH-2205	TF2-FH-2205 : FROM FW-125-502	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022405	TF2-FH-2206	TF2-FH-2206 : FROM FW-125-502	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022406	TF2-FH-2208	TF2-FH-2208 : FROM FW-125-502	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022407	TF2-FH-2209	TF2-FH-2209 : FROM FW-125-503	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022408	TF2-FH-2210	TF2-FH-2210 : FROM FW-125-504	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022409	TF2-FH-2211	TF2-FH-2211 : FROM FW-125-501	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022410	118-FH-501	118-FH-501 : FROM WF-118-501-16"	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022411	118-FH-502	118-FH-502 : FROM WF-118-501-16"	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022412	118-FH-503	118-FH-503 : FROM WF-118-501-16"	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022413	118-FH-504	118-FH-504 : FROM WF-118-501-16"	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022426	4700-FH-513	4700-FH-513 : FROM 4700-12"-F10D-517-FW	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022427	4700-FH-514	4700-FH-514 : FROM 4700-16"-F10D-503-FW	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022428	4700-FH-515	4700-FH-515 : FROM 4700-6"-F10D-532-FW	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022429	4700-FH-516	4700-FH-516 : FROM 4700-6"-F10D-531-FW	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022430	4700-FH-517	4700-FH-517 : FROM 4700-6"-F10D-534-FW	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022431	4700-FH-518	4700-FH-518 : FROM 4700-6"-F10D-533-FW	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022432	4700-FH-519	4700-FH-519 : FROM 4700-6"-F10D-537-FW	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022433	4700-FH-520	4700-FH-520 : FROM 4700-6"-F10D-537-FW	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022434	TF2-FM-2201	TF2-FM-2201 : FROM FW-125-512-6"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022435	TF2-FM-2202	TF2-FM-2202 : FROM FW-125-513-6"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022436	TF2-DV-2201	TF2-DV-2201 : FROM FW-125-641-10" to FW-	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022437	TF2-DV-2202	TF2-DV-2202 : FROM FW-125-641-10" to FW-	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022438	TF2-DV-2203	TF2-DV-2203 : FROM FW-125-641-10" to FW-	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022439	TF2-DV-2204	TF2-DV-2204 : FROM FW-125-641-10" to FW-	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022440	TF2-DV-2205	TF2-DV-2205 : FROM FW-125-661-10" to FW-	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022441	TF2-DV-2206	TF2-DV-2206 : FROM FW-125-661-10" to FW-	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022442	TF2-DV-2207	TF2-DV-2207 : FROM FW-125-661-10" to FW-	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022443	TF2-DV-2208	TF2-DV-2208 : FROM FW-125-661-10" to FW-	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022444	TF2-DV-2209	TF2-DV-2209 : FROM FW-125-681-6" to FW-1	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022445	TF2-DV-2210	TF2-DV-2210 : FROM FW-125-517-12" to FW-	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022446	TF2-DV-2211	TF2-DV-2211 : FROM FW-125-518-12" to FW-	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022447	4700-DV-5223	4700-DV-5223 : FROM 4700-4"-SP90U-521-FW	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022448	TF2-SOV-2221	TF2-SOV-2221 : From TF2-DV-2201	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022449	TF2-SOV-2222	TF2-SOV-2222 : From TF2-DV-2202	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022450	TF2-SOV-2223	TF2-SOV-2223 : From TF2-DV-2203	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022451	TF2-SOV-2224	TF2-SOV-2224 : From TF2-DV-2204	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022452	TF2-SOV-2225	TF2-SOV-2225 : From TF2-DV-2205	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022453	TF2-SOV-2226	TF2-SOV-2226 : From TF2-DV-2206	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022454	TF2-SOV-2227	TF2-SOV-2227 : From TF2-DV-2207	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022455	TF2-SOV-2228	TF2-SOV-2228 : From TF2-DV-2208	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022456	TF2-SOV-2229	TF2-SOV-2229 : From TF2-DV-2209	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022457	TF2-SOV-2231	TF2-SOV-2231 : From TF2-DV-2210	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022458	TF2-SOV-2233	TF2-SOV-2233 : From TF2-DV-2211	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022459	4700-XV-5236	4700-XV-5236 : From 4700-DV-5223	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022460	TF2-PSH-2211	TF2-PSH-2211 : From FW-125-642-8"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022461	TF2-PSH-2212	TF2-PSH-2212 : From FW-125-644-8"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022462	TF2-PSH-2213	TF2-PSH-2213 : From FW-125-646-8"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022463	TF2-PSH-2214	TF2-PSH-2214 : From FW-125-648-8"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022464	TF2-PSH-2215	TF2-PSH-2215 : From FW-125-662-8"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022465	TF2-PSH-2216	TF2-PSH-2216 : From FW-125-664-8"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022466	TF2-PSH-2217	TF2-PSH-2217 : From FW-125-666-8"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022467	TF2-PSH-2218	TF2-PSH-2218 : From FW-125-668-8"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022468	TF2-PSH-2219	TF2-PSH-2219 : From FW-125-682-4"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022469	TF2-PSH-2232	TF2-PSH-2232 : From TF2-DV-2210	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022470	TF2-PSH-2233	TF2-PSH-2233 : From TF2-DV-2211	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022471	4700-PSH-5251	4700-PSH-5251 : From 4700-4"-SP90U-522-F	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022472	TF2-PSLL-2211	TF2-PSLL-2211 : From NI-125-641-3/4"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022473	TF2-PSLL-2212	TF2-PSLL-2212 : From NI-125-643-3/4"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022474	TF2-PSLL-2213	TF2-PSLL-2213 : From NI-125-645-3/4"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022475	TF2-PSLL-2214	TF2-PSLL-2214 : From NI-125-647-3/4"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022476	TF2-PSLL-2216	TF2-PSLL-2216 : From NI-125-661-3/4"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022477	TF2-PSLL-2217	TF2-PSLL-2217 : From NI-125-663-3/4"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022478	TF2-PSLL-2218	TF2-PSLL-2218 : From NI-125-665-3/4"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022479	TF2-PSLL-2219	TF2-PSLL-2219 : From NI-125-665-3/4"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022480	TF2-PSLL-2221	TF2-PSLL-2221 : From NI-125-665-3/4"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022481	4700-PSLL-5252	4700-PSLL-5252 : 4700-3/4"-SP90U-501-IA	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022482	TF2-T-2204	TF2-T-2204 : FROM FOAM PUMP SKID	C	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022483	LLS-2201	LLS-2201 : FROM FOAM PUMP SKID	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022484	TF2-P-2203A	TF2-P-2203A : FROM FOAM PUMP SKID	C	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022485	TF2-P-2203B	TF2-P-2203B : FROM FOAM PUMP SKID	C	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022486	MOV-2211	MOV-2211 : FROM FOAM PUMP SKID	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022487	MOV-2212	MOV-2212 : FROM FOAM PUMP SKID	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022488	PI-2241	PI-2241 : FROM FOAM PUMP SKID	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022489	PI-2242	PI-2242 : FROM FOAM PUMP SKID	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022490	PI-2243	PI-2243 : FROM FOAM PUMP SKID	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022491	PI-2244	PI-2244 : FROM FOAM PUMP SKID	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022492	PI-2245	PI-2245 : FROM FOAM PUMP SKID	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022493	PI-2246	PI-2246 : FROM FOAM PUMP SKID	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022496	PCV-2248	PCV-2248 : FROM FOAM PUMP SKID	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022497	TF2-PCV-2009	TF2-PCV-2009 : FROM N-125-690-3/4" to N-	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022498	TF2-PCV-2010	TF2-PCV-2010 : FROM N-125-690-3/4" to N-	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022499	TF2-PCV-2011	TF2-PCV-2011 : FROM N-125-690-3/4" to N-	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022500	4700-PCV-5223	4700-PCV-5223 : FROM 4900-2"-C13B-506-IA	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022501	TF2-PI-2218	TF2-PI-2218 : FROM N-125-690-3/4" to N-1	C	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022503	TF2-PI-2220	TF2-PI-2220 : FROM N-125-690-3/4" to N-1	C	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022504	TF2-PI-2221	TF2-PI-2221 : FROM N-125-690-3/4" to N-1	C	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022505	TF2-PI-2222	TF2-PI-2222 : FROM N-125-690-3/4" to N-1	C	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022506	TF2-PI-2223	TF2-PI-2223 : FROM N-125-690-3/4" to N-1	C	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022507	4700-PG-5232	4700-PG-5232 : FROM 4900-2"-C13B-506-IA	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022508	4700-PG-5233	4700-PG-5233 : FROM 4900-2"-C13B-506-IA	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022509	TF2-PSL-2220	TF2-PSL-2220 : FROM N-125-690-3/4" to N-	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022510	TF2-PSL-2225	TF2-PSL-2225 : FROM N-125-690-3/4" to N-	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022511	TF2-PSL-2230	TF2-PSL-2230 : FROM N-125-690-3/4" to N-	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022512	4700-PSL-5253	4700-PSL-5253 : FROM 4900-2"-C13B-506-IA	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022513	118-PIV-501	118-PIV-501 : FROM WF-118-501	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022514	118-PIV-503	118-PIV-503 : FROM WF-118-501	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022515	118-PIV-504	118-PIV-504 : FROM WF-118-508	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022516	118-PIV-505	118-PIV-505 : FROM WF-118-503	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022517	118-PIV-507	118-PIV-507 : FROM WF-118-502	A	EHSS-01	Mech. Fixed Misc.	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	360022531	TF2-PIV-2201	TF2-PIV-2201 : FROM FW-125-501-12"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022532	TF2-PIV-2202	TF2-PIV-2202 : FROM FW-125-502-12"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022533	TF2-PIV-2203	TF2-PIV-2203 : FROM FW-125-520-12"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022534	TF2-PIV-2204	TF2-PIV-2204 : FROM FW-125-501-12"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022535	TF2-PIV-2205	TF2-PIV-2205 : FROM FW-125-510-10"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022536	TF2-PIV-2206	TF2-PIV-2206 : FROM FW-125-507-16"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022537	TF2-PIV-2209	TF2-PIV-2209 : FROM FW-125-508-16"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022538	TF2-PIV-2210	TF2-PIV-2210 : FROM FW-125-509-6"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022539	TF2-PIV-2212	TF2-PIV-2212 : FROM FW-125-503-20"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022540	TF2-PIV-2213	TF2-PIV-2213 : FROM FW-125-504-20"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	360022541	TF2-PIV-2214	TF2-PIV-2214 : FROM FW-125-501-12"	B	EHSS-01	Mech. Fixed Misc.	PIPING SYSTEM		Zone 5
	310654058	120-Y-123	120-Y-123:SLUDGE SCRAPER	D	MECH-05	Mech. Fixed Misc.	AEROBIC TREATMENT AREA-120		Zone 5
	310654065	120-Y-111A1	120-Y-111A1:SLUDGE SCRAPER	D	MECH-05	Mech. Fixed Misc.	AEROBIC TREATMENT AREA-120		Zone 5
	310654067	120-Y-111B1	120-Y-111B1:SLUDGE SCRAPER	D	MECH-05	Mech. Fixed Misc.	AEROBIC TREATMENT AREA-120		Zone 5
	310654069	120-Y-111C1	120-Y-111C1:SLUDGE SCRAPER	D	MECH-05	Mech. Fixed Misc.	AEROBIC TREATMENT AREA-120		Zone 5
	310654071	120-Y-132	120-Y-132:SLUDGE SCRAPER	D	MECH-05	Mech. Fixed Misc.	AEROBIC TREATMENT AREA-120		Zone 5
	311081852	109-PSE-323	109-PSE-323: RUPTURE DISC	A	MECH-05	Mech. Fixed Misc.	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	311207430	109-PSE-316A	109-PSE-316A:Storage Tank Protective Dis	A	MECH-05	Mech. Fixed Misc.	STORAGE AREA AREA-109	N2 Plant	Zone 5
	311207431	109-PSE-316B	109-PSE-316B:Storage Tank Protective Dis	A	MECH-05	Mech. Fixed Misc.	STORAGE AREA AREA-109	N2 Plant	Zone 5
	311207432	109-PSE-316C	109-PSE-316C:Storage Tank Protective Dis	A	MECH-05	Mech. Fixed Misc.	STORAGE AREA AREA-109	N2 Plant	Zone 5
MECHANICAL ROTATING MISC.									
23	310065173	109-Y-002	109-Y-002:CHILLER PACKAGE	A	MECH-05	Mech. Rotating Misc.	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310067214	117-GG-001	117-GG-001:DOUBLE REDUCTION GEARBOX FOR	A	MECH-05	Mech. Rotating Misc.	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310080550	115-GG-001	115-GG-001:DOUBLE REDUCTION GEARBOX FOR	B	MECH-05	Mech. Rotating Misc.	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310080552	115-GG-002	115-GG-002:DOUBLE REDUCTION GEARBOX FOR	B	MECH-05	Mech. Rotating Misc.	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082446	111-KG-001	111-KG-001:ONE WAY CLUTCH FOR 111-K-001	B	MECH-05	Mech. Rotating Misc.	BOILER # 01 AREA-111	Steam Area	Zone 5
	310082461	116-GG-002	116-GG-002:DOUBLE REDUCTION GEARBOX FOR	B	MECH-05	Mech. Rotating Misc.	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082462	116-GG-001	116-GG-001:DOUBLE REDUCTION GEARBOX FOR	B	MECH-05	Mech. Rotating Misc.	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082527	111-KSG-001	111-KSG-001:FD FAN GEARBOX FOR 111-K-001	B	MECH-05	Mech. Rotating Misc.	BOILER # 01 AREA-111	Steam Area	Zone 5
	310082528	111-KG-002	111-KG-002:ONE WAY CLUTCH FOR 111-K-002	B	MECH-05	Mech. Rotating Misc.	BOILER # 02 AREA-111	Steam Area	Zone 5
	310082529	111-KG-003	111-KG-003:ONE WAY CLUTCH FOR 111-K-003	B	MECH-05	Mech. Rotating Misc.	BOILER # 03 AREA-111	Steam Area	Zone 5
	310082530	111-KG-004	111-KG-004:ONE WAY CLUTCH FOR 111-K-004	B	MECH-05	Mech. Rotating Misc.	BOILER # 04 AREA-111	Steam Area	Zone 5
	310082569	111-KSG-002	111-KSG-002:FD FAN GEARBOX FOR 111-K-002	B	MECH-05	Mech. Rotating Misc.	BOILER # 02 AREA-111	Steam Area	Zone 5
	310082570	111-KSG-003	111-KSG-003:FD FAN GEARBOX FOR 111-K-003	B	MECH-05	Mech. Rotating Misc.	BOILER # 03 AREA-111	Steam Area	Zone 5
	310082571	111-KSG-004	111-KSG-004:FD FAN GEARBOX FOR 111-K-004	B	MECH-05	Mech. Rotating Misc.	BOILER # 04 AREA-111	Steam Area	Zone 5
	320123183	120-Y-116A	120-Y-116A:CHILLED WATER SYSTEM FOR ETP	C	WKSH-05	Mech. Rotating Misc.	AEROBIC TREATMENT AREA-120		Zone 5
	320123184	120-Y-116B	120-Y-116B:CHILLED WATER SYSTEM FOR ETP	C	WKSH-05	Mech. Rotating Misc.	AEROBIC TREATMENT AREA-120		Zone 5
	320123185	120-Y-116C	120-Y-116C:CHILLED WATER SYSTEM FOR ETP	C	WKSH-05	Mech. Rotating Misc.	AEROBIC TREATMENT AREA-120		Zone 5
	320123186	120-Y-116D	120-Y-116D:CHILLED WATER SYSTEM FOR ETP	C	WKSH-05	Mech. Rotating Misc.	AEROBIC TREATMENT AREA-120		Zone 5
	320042974	157-AC-U01	157-AC-U01:UTY2 - 157 CCR BUILDING	D	WKSH-05	Mech. Rotating Misc.	CENTRAL CONTROL ROOM		Zone 5
	320042975	157-AC-U02	157-AC-U02:UTY2 - 157 CCR BUILDING	D	WKSH-05	Mech. Rotating Misc.	CENTRAL CONTROL ROOM		Zone 5
MIXING / SEPARATION									
24	310067469	120-M-001	120-M-001:PRECIPITATION TANK MIXER	D	MECH-05	Mixing / Separation	PRETREATMENT AREA AREA-120		Zone 5
	310067470	120-M-002	120-M-002:FLOCCULATION TANK MIXER	D	MECH-05	Mixing / Separation	PRETREATMENT AREA AREA-120		Zone 5
	310067471	120-M-003	120-M-003:ANOXIC SUMP MIXER	D	MECH-05	Mixing / Separation	ANAEROBIC TREATMENT AREA-120		Zone 5
	310067472	120-M-004	120-M-004:SLUDGE STABILIZATION TANK MIXE	D	MECH-05	Mixing / Separation	BELT PRESS PROCESS AREA-120		Zone 5
	310067473	120-M-005	120-M-005:SLUDGE CONDITIONING TANK MIXER	D	MECH-05	Mixing / Separation	PRETREATMENT AREA AREA-120		Zone 5
	310067474	120-M-006	120-M-006:POLLY ELECTROLYTE TANK MIXER	D	MECH-05	Mixing / Separation	PRETREATMENT AREA AREA-120		Zone 5
	310067475	120-M-007	120-M-007:POLLY ELECTROLYTE TANK MIXER	D	MECH-05	Mixing / Separation	PRETREATMENT AREA AREA-120		Zone 5
	310654035	120-M-114A	120-M-114A:EQUALIZATION TANK MIXER	C	MECH-05	Mixing / Separation	AEROBIC TREATMENT AREA-120		Zone 5
	310654036	120-M-114B	120-M-114B:EQUALIZATION TANK MIXER	C	MECH-05	Mixing / Separation	AEROBIC TREATMENT AREA-120		Zone 5
	310654037	120-M-121	120-M-121:PH ADJUSTMENT BASIN AGITATOR	C	MECH-05	Mixing / Separation	AEROBIC TREATMENT AREA-120		Zone 5
	310654038	120-M-124	120-M-124:NEUTRALIZATION BASIN AGITATOR	C	MECH-05	Mixing / Separation	AEROBIC TREATMENT AREA-120		Zone 5
	310654039	000-M-501A	000-M-501A:PROPELLER ASPERATING AERATOR	B	MECH-03	Mixing / Separation	PIPING SYSTEM		Zone 5
	310654040	000-M-501B	000-M-501B:PROPELLER ASPERATING AERATOR	B	MECH-03	Mixing / Separation	PIPING SYSTEM		Zone 5
	310654041	000-M-501C	000-M-501C:PROPELLER ASPERATING AERATOR	B	MECH-03	Mixing / Separation	PIPING SYSTEM		Zone 5
	310654042	000-M-501D	000-M-501D:PROPELLER ASPERATING AERATOR	B	MECH-03	Mixing / Separation	PIPING SYSTEM		Zone 5
	310654043	000-M-501E	000-M-501E:PROPELLER ASPERATING AERATOR	B	MECH-03	Mixing / Separation	PIPING SYSTEM		Zone 5
	310654044	000-M-501F	000-M-501F:PROPELLER ASPERATING AERATOR	B	MECH-03	Mixing / Separation	PIPING SYSTEM		Zone 5
	310654057	120-M-122	120-M-122:COAGULATION BASIN AGITATOR	C	MECH-05	Mixing / Separation	AEROBIC TREATMENT AREA-120		Zone 5
	310654059	120-Y-147	120-Y-147:DEWATERING AGENT DISSOLVING UN	C	MECH-05	Mixing / Separation	AEROBIC TREATMENT AREA-120		Zone 5
	310654060	120-Y-166	120-Y-166:PAM DISSOLVING UNIT	C	MECH-05	Mixing / Separation	AEROBIC TREATMENT AREA-120		Zone 5
MOTORS AND DEVICES									
25	311327929	120-YM-116B	120-YM-116B:CHILLED COMPRESSOR MOTOR	E	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	311327930	120-YM-116C	120-YM-116C:CHILLED COMPRESSOR MOTOR	E	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	311327931	120-YM-116D	120-YM-116D: CHILLED COMPRESSOR MOTOR	E	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320035279	000-GM-043	000-GM-043:POND EFFLUENT TRANSFER PUMP M	A	ELEC-05	Motors and Drives	EFFLUENT STORAGE AREA-120		Zone 5
	320035657	109-KM-001	109-KM-001:AIR COMPRESSOR MOTOR DRIVER	A	ELEC-05	Motors and Drives	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320037116	111-EM-004A	111-EM-004A:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037117	111-EM-004K	111-EM-004K:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037118	111-EM-004L	111-EM-004L:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037119	111-EM-004M	111-EM-004M:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037122	111-EM-004N	111-EM-004N:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037123	111-EM-004O	111-EM-004O:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037124	111-EM-004P	111-EM-004P:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037125	111-EM-004Q	111-EM-004Q:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037126	111-EM-004R	111-EM-004R:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037127	111-EM-004S	111-EM-004S:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037129	111-EM-004B	111-EM-004B:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037130	111-EM-004C	111-EM-004C:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037131	111-EM-004D	111-EM-004D:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037132	111-EM-004E	111-EM-004E:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037133	111-EM-004F	111-EM-004F:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037134	111-EM-004G	111-EM-004G:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037135	111-EM-004H	111-EM-004H:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037136	111-EM-004I	111-EM-004I:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037137	111-EM-004J	111-EM-004J:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037138	111-EM-004T	111-EM-004T:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037139	111-EM-004U	111-EM-004U:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037140	111-EM-004V	111-EM-004V:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037141	111-EM-004W	111-EM-004W:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037142	111-EM-004X	111-EM-004X:EXCESS STEAM CONDENSATE FIN	C	ELEC-05	Motors and Drives	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320037769	116-GM-023	116-GM-023:CORROSION INHIBITOR DOSING PU	A	ELEC-05	Motors and Drives	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320037786	117-GM-005	117-GM-005:LUBE OIL PUMP MOTOR	B	ELEC-05	Motors and Drives	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	320037787	117-GM-007	117-GM-007:CHILLED WATER BUSH LEAKAGE PU	C	ELEC-05	Motors and Drives	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	320037802	117-GM-008	117-GM-008:CHILLED WATER BUSH LEAKAGE PU	C	ELEC-05	Motors and Drives	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	320037897	120-BPM-001	120-BPM-001:SLUDGE THICKENER AND BELT PR	C	ELEC-05	Motors and Drives	BELT PRESS PROCESS AREA-120		Zone 5
	320037898	120-BPM-002	120-BPM-002:SLUDGE THICKENER AND BELT PR	C	ELEC-05	Motors and Drives	BELT PRESS PROCESS AREA-120		Zone 5
	320037900	120-GM-007	120-GM-007:ANAEROBIC SLUDGE PUMP MOTOR	C	ELEC-05	Motors and Drives	ANAEROBIC TREATMENT AREA-120		Zone 5
	320037901	120-GM-008	120-GM-008:ANAEROBIC SLUDGE PUMP MOTOR	C	ELEC-05	Motors and Drives	ANAEROBIC TREATMENT AREA-120		Zone 5
	320037902	120-GM-009	120-GM-009:ANOXIC SUMP PUMP MOTOR	C	ELEC-05	Motors and Drives	ANAEROBIC TREATMENT AREA-120		Zone 5
	320037903	120-GM-010	120-GM-010:ANOXIC SUMP PUMP MOTOR	C	ELEC-05	Motors and Drives	ANAEROBIC TREATMENT AREA-120		Zone 5
	320037904	120-GM-011	120-GM-011:WASTE ACTIVATED SLUDGE PUMP M	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320037905	120-GM-012	120-GM-012:WASTE ACTIVATED SLUDGE PUMP M	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320037906	120-GM-013	120-GM-013:WASTE ACTIVATED SLUDGE PUMP M	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320037907	120-GM-014	120-GM-014:WASTE ACTIVATED SLUDGE PUMP M	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320037908	120-GM-015	120-GM-015:FINAL DISCHARGE PUMP MOTOR	C	ELEC-05	Motors and Drives	EFFLUENT STORAGE AREA-120		Zone 5
	320037909	120-GM-016	120-GM-016:FINAL DISCHARGE PUMP MOTOR	C	ELEC-05	Motors and Drives	EFFLUENT STORAGE AREA-120		Zone 5
	320037910	120-GM-017	120-GM-017:FINAL DISCHARGE PUMP MOTOR	C	ELEC-05	Motors and Drives	EFFLUENT STORAGE AREA-120		Zone 5
	320037911	120-GM-018	120-GM-018:FINAL DISCHARGE PUMP MOTOR	C	ELEC-05	Motors and Drives	EFFLUENT STORAGE AREA-120		Zone 5
	320037912	120-GM-019	120-GM-019:SLUDGE THICKENER FEED PUMP MO	C	ELEC-05	Motors and Drives	BELT PRESS PROCESS AREA-120		Zone 5
	320037913	120-GM-020	120-GM-020:SLUDGE THICKENER FEED PUMP MO	C	ELEC-05	Motors and Drives	BELT PRESS PROCESS AREA-120		Zone 5
	320037914	120-GM-021	120-GM-021:SODIUM HYDROXIDE DOSING PUMP	C	ELEC-05	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320037915	120-GM-022	120-GM-022:SODIUM HYDROXIDE DOSING PUMP	C	ELEC-05	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320037916	120-GM-023	120-GM-023:SULPHURIC ACID DOSING PUMP MO	C	ELEC-05	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320037917	120-GM-024	120-GM-024:SULPHURIC ACID DOSING PUMP MO	C	ELEC-05	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320037918	120-GM-025	120-GM-025:POLYELECTROLYTE DOSING PUMP M	C	ELEC-05	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320037919	120-GM-026	120-GM-026:POLYELECTROLYTE DOSING PUMP M	C	ELEC-05	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320037922	120-GM-001	120-GM-001:BALANCE TANK CIRCULATION PUMP	B	ELEC-05	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320037923	120-GM-002	120-GM-002:BALANCE TANK CIRCULATION PUMP	B	ELEC-05	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320037924	120-GM-003	120-GM-003:HYDROXIDE SLUDGE PUMP MOTOR	C	ELEC-05	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320037925	120-GM-004	120-GM-004:HYDROXIDE SLUDGE PUMP MOTOR	C	ELEC-05	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320037926	120-GM-005	120-GM-005:DIGESTER FEED PUMP MOTOR	C	ELEC-05	Motors and Drives	ANAEROBIC TREATMENT AREA-120		Zone 5
	320037927	120-GM-006	120-GM-006:DIGESTER FEED PUMP MOTOR	C	ELEC-05	Motors and Drives	ANAEROBIC TREATMENT AREA-120		Zone 5
	320037928	120-GM-027	120-GM-027:NUTRIENT DOSING PUMP MOTOR	C	ELEC-05	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320037929	120-GM-028	120-GM-028:NUTRIENT DOSING PUMP MOTOR	C	ELEC-05	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320037930	120-GM-029	120-GM-029:NUTRIENT DOSING PUMP MOTOR	C	ELEC-05	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320037931	120-GM-030	120-GM-030:POLYELECTROLYTE DOSING PUMP M	C	ELEC-05	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320037932	120-GM-031	120-GM-031:POLYELECTROLYTE DOSING PUMP M	C	ELEC-05	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320037933	120-GM-032	120-GM-032:PROCESS WATER PUMP MOTOR	C	ELEC-05	Motors and Drives	BELT PRESS PROCESS AREA-120		Zone 5
	320037934	120-GM-033	120-GM-033:SITE DRAINAGE SUMP PUMP MOTOR	D	ELEC-05	Motors and Drives	EFFLUENT STORAGE AREA-120		Zone 5
	320037935	120-GM-034	120-GM-034:SITE DRAINAGE SUMP PUMP MOTOR	D	ELEC-05	Motors and Drives	EFFLUENT STORAGE AREA-120		Zone 5
	320037936	120-GM-035	120-GM-035:SITE DRAINAGE SUMP PUMP MOTOR	D	ELEC-05	Motors and Drives	EFFLUENT STORAGE AREA-120		Zone 5
	320037937	120-GM-036	120-GM-036:SITE DRAINAGE SUMP PUMP MOTOR	D	ELEC-05	Motors and Drives	EFFLUENT STORAGE AREA-120		Zone 5
	320037938	120-KM-002	120-KM-002:AERATION BLOWER MOTOR	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320037939	120-KM-003	120-KM-003:AERATION BLOWER MOTOR	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320037940	120-KM-004	120-KM-004:AERATION BLOWER MOTOR	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320037941	120-KM-005	120-KM-005:AERATION BLOWER MOTOR	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320037942	120-KM-006	120-KM-006:AERATION BLOWER MOTOR	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320037943	120-KM-007	120-KM-007:SLUDGE TANK BLOWER MOTOR	C	ELEC-05	Motors and Drives	BELT PRESS PROCESS AREA-120		Zone 5
	320037944	120-KM-008	120-KM-008:SLUDGE TANK BLOWER MOTOR	C	ELEC-05	Motors and Drives	BELT PRESS PROCESS AREA-120		Zone 5
	320037945	120-KM-009	120-KM-009:VENT GAS FAN MOTOR	B	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320037946	120-KM-010	120-KM-010:VENT GAS FAN MOTOR	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320037947	120-KM-001	120-KM-001:AERATION BLOWER MOTOR	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320037948	120-MM-002	120-MM-002:FLOCULATION TANK MIXER MOTOR	C	ELEC-05	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	320037949	120-MM-003	120-MM-003:ANOXIC SUMP MIXER MOTOR	C	ELEC-05	Motors and Drives	ANAEROBIC TREATMENT AREA-120		Zone 5
	320037950	120-MM-004	120-MM-004:SLUDGE STABILIZATION TANK MIX	C	ELEC-05	Motors and Drives	BELT PRESS PROCESS AREA-120		Zone 5
	320037951	120-MM-005	120-MM-005:SLUDGE CONDITIONING TANK MIXE	C	ELEC-05	Motors and Drives	BELT PRESS PROCESS AREA-120		Zone 5
	320037952	120-MM-006	120-MM-006:POLYELECTROLYTE TANK MIXER MO	C	ELEC-05	Motors and Drives	BELT PRESS PROCESS AREA-120		Zone 5
	320037953	120-MM-007	120-MM-007:POLYELECTROLYTE TANK MIXER MO	C	ELEC-05	Motors and Drives	BELT PRESS PROCESS AREA-120		Zone 5
	320037954	120-MM-001	120-MM-001:PRECIPITATION TANK MIXER MOTO	C	ELEC-05	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320037962	120-SCM-001	120-SCM-001:SLUDGE DISPOSAL CONVEYOR MOT	C	ELEC-05	Motors and Drives	BELT PRESS PROCESS AREA-120		Zone 5
	320049522	000-GM-020	000-GM-020:STORM WATER SUMP PUMP MOTOR	D	ELEC-05	Motors and Drives	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	320049523	000-GM-022	000-GM-022:CPI OIL DISCHARGE PUMP MOTOR	D	ELEC-03	Motors and Drives	EFFLUENT STORAGE AREA-120		Zone 5
	320049529	000-GM-038	000-GM-038:STORM WATER SUMP PUMP MOTOR	D	ELEC-05	Motors and Drives	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	320049533	000-GM-041	000-GM-041:SEA WATER (STROM W) SUMP PUMP	C	ELEC-05	Motors and Drives	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	320049534	000-GM-042	000-GM-042:SEA WATER (STROM W) SUMP PUMP	C	ELEC-05	Motors and Drives	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	320049538	000-GM-007	000-GM-007:SANITARY SUMP PUMP MOTOR (W/H	D	ELEC-05	Motors and Drives	SANITARY WASTE WATER AREA-000		Zone 5
	320049540	000-GM-008	000-GM-008:SANITARY SUMP PUMP MOTOR (W/H	D	ELEC-05	Motors and Drives	SANITARY WASTE WATER AREA-000		Zone 5
	320049541	000-GM-009	000-GM-009:SANITARY SUMP PUMP MOTOR (TRA	D	ELEC-05	Motors and Drives	SANITARY WASTE WATER AREA-000		Zone 5
	320049543	000-GM-010	000-GM-010:SANITARY SUMP PUMP MOTOR (TRA	D	ELEC-05	Motors and Drives	SANITARY WASTE WATER AREA-000		Zone 5
	320049544	000-GM-011	000-GM-011:SANITARY SUMP PUMP MOTOR (SEC	D	ELEC-05	Motors and Drives	SANITARY WASTE WATER AREA-000		Zone 5
	320049545	000-GM-012	000-GM-012:SANITARY SUMP PUMP MOTOR (SEC	D	ELEC-05	Motors and Drives	SANITARY WASTE WATER AREA-000		Zone 5
	320049546	000-GM-013	000-GM-013:SANITARY SUMP PUMP MOTOR	D	ELEC-05	Motors and Drives	SANITARY WASTE WATER AREA-000		Zone 5
	320049548	000-GM-026	000-GM-026:LAB CONTAMINATED WATER SUMP P	D	ELEC-05	Motors and Drives	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	320049549	000-GM-027	000-GM-027:LAB CONTAMINATED WATER SUMP P	D	ELEC-05	Motors and Drives	SANITARY WASTE WATER AREA-000		Zone 5
	320049550	000-GM-028	000-GM-028:STRM WTR SUMP PUMP MOTOR (PIP	D	ELEC-05	Motors and Drives	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	320049551	000-GM-029	000-GM-029:STRM WTR SUMP PUMP MOTOR (PIP	D	ELEC-05	Motors and Drives	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	320049552	000-GM-030	000-GM-030:CPI OIL DISCHARGE PUMP MOTOR	D	ELEC-03	Motors and Drives	EFFLUENT STORAGE AREA-120		Zone 5
	320049553	000-GM-031	000-GM-031:SANITARY SUMP PUMP MOTOR	D	ELEC-05	Motors and Drives	SANITARY WASTE WATER AREA-000		Zone 5
	320049554	000-GM-032	000-GM-032:SANITARY SUMP PUMP MOTOR	D	ELEC-05	Motors and Drives	SANITARY WASTE WATER AREA-000		Zone 5
	320049556	000-GM-033	000-GM-033:SANITARY SUMP PUMP MOTOR	D	ELEC-05	Motors and Drives	SANITARY WASTE WATER AREA-000		Zone 5
	320049557	000-GM-034	000-GM-034:SANITARY SUMP PUMP MOTOR	D	ELEC-05	Motors and Drives	SANITARY WASTE WATER AREA-000		Zone 5
	320049630	108-GM-001	108-GM-001:DIESEL UNLOADING PUMP MOTOR	B	ELEC-05	Motors and Drives	DIESEL SYSTEM AREA-108		Zone 5
	320049636	109-GM-006	109-GM-006:COMPRESSOR AUXILIARY LUBE OIL	B	ELEC-05	Motors and Drives	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320049638	109-GM-007	109-GM-007:EXPANDER LUBE OIL PUMP MOTOR	B	ELEC-05	Motors and Drives	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320049639	109-GM-008	109-GM-008:EXPANDER LUBE OIL PUMP MOTOR	B	ELEC-05	Motors and Drives	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320049641	109-KM-003	109-KM-003:CHILLER COMPRESSOR MOTOR	A	ELEC-05	Motors and Drives	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320049643	110-GM-001	110-GM-001:COMPRESSOR 1 MAIN LUBE OIL PU	B	ELEC-05	Motors and Drives	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320049644	110-GM-002	110-GM-002:COMPRESSOR 2 MAIN LUBE OIL PU	B	ELEC-05	Motors and Drives	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320049645	110-GM-003	110-GM-003:COMPRESSOR 3 MAIN LUBE OIL PU	B	ELEC-05	Motors and Drives	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320049646	110-GM-004	110-GM-004:COMPRESSOR 1 PRE-LUBE OIL PUM	B	ELEC-05	Motors and Drives	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320049647	110-GM-005	110-GM-005:COMPRESSOR 2 PRE-LUBE OIL PUM	B	ELEC-05	Motors and Drives	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320049648	110-GM-006	110-GM-006:COMPRESSOR 3 PRE-LUBE OIL PUM	B	ELEC-05	Motors and Drives	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320049650	110-KM-002	110-KM-002:COMPRESSOR 2 DRIVE MOTOR	A	ELEC-05	Motors and Drives	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320049652	110-KM-003	110-KM-003:COMPRESSOR 3 DRIVE MOTOR	A	ELEC-05	Motors and Drives	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320049653	110-KM-004	110-KM-004:REFRIGERANT AIR BLOWER MOTOR	B	ELEC-05	Motors and Drives	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	320049656	106-GM-004	106-GM-004:FUEL PUMP MOTOR - C6/C7	D	ELEC-05	Motors and Drives	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	320049657	109-GM-001	109-GM-001:LIQUID NITROGEN TRANSFER PUMP	B	ELEC-05	Motors and Drives	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320049658	109-GM-002	109-GM-002:LIQUID NITROGEN TRANSFER PUMP	B	ELEC-05	Motors and Drives	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320049659	109-GM-003	109-GM-003:LIQUID NITROGEN TRANSFER PUMP	B	ELEC-05	Motors and Drives	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320049661	109-GM-004	109-GM-004:CONDENSATE PUMP MOTOR	B	ELEC-05	Motors and Drives	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	320049664	110-KM-005	110-KM-005:REFRIGERANT AIR BLOWER MOTOR	B	ELEC-05	Motors and Drives	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	320049686	111-GM-003	111-GM-003:DEARATOR FEED PUMP MOTOR	B	ELEC-05	Motors and Drives	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	320049687	111-GM-006	111-GM-006:B.F.W. PUMP MOTOR FOR 111-G-0	A	ELEC-05	Motors and Drives	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	320049688	111-GM-007	111-GM-007:LP CONDENSATE PUMP MOTOR	C	ELEC-05	Motors and Drives	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	320049689	111-GM-008	111-GM-008:LP CONDENSATE PUMP MOTOR	C	ELEC-05	Motors and Drives	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	320049690	111-GM-010	111-GM-010:BFW CHEMICAL INJECTION PUMP M	A	ELEC-05	Motors and Drives	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	320049691	111-GM-011	111-GM-011:BFW CHEMICAL INJECTION PUMP M	A	ELEC-05	Motors and Drives	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	320049743	112-GM-003	112-GM-003:NEUTRALISATION SUMP PUMP MOTO	B	ELEC-05	Motors and Drives	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320049744	112-GM-004	112-GM-004:NEUTRALISATION SUMP PUMP MOTO	B	ELEC-05	Motors and Drives	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320049757	113-GM-003	113-GM-003:PROCESS WATER PUMP MOTOR	B	ELEC-05	Motors and Drives	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	320049774	115-GM-003	115-GM-003:SEA WATER PUMP MOTOR	A	ELEC-05	Motors and Drives	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320049794	116-GM-003	116-GM-003:COOLING WATER CIRCULATION PUM	A	ELEC-05	Motors and Drives	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	320049805	116-GM-013	116-GM-013:BIOSIDE DOSING PUMP MOTOR	A	ELEC-05	Motors and Drives	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	320049806	116-GM-014	116-GM-014:BIOSIDE DOSING PUMP MOTOR	A	ELEC-05	Motors and Drives	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	320049807	116-GM-015	116-GM-015:CORROSION INHIBITOR DOSING PU	A	ELEC-05	Motors and Drives	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	320049808	116-GM-016	116-GM-016:CORROSION INHIBITOR DOSING PU	A	ELEC-05	Motors and Drives	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	320049809	116-GM-021	116-GM-021:BIOSIDE DOSING PUMP MOTOR	A	ELEC-05	Motors and Drives	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	320049811	117-GM-002	117-GM-002:CHILLED WATER CIRCULATION PUM	A	ELEC-05	Motors and Drives	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	320049821	119-GM-001	119-GM-001:HP FLARE DRUM PUMP MOTOR	D	ELEC-05	Motors and Drives	FLARE SYSTEM AREA-119		Zone 5
	320049822	119-GM-003	119-GM-003:HP FLARE DRUM PUMP MOTOR	B	ELEC-05	Motors and Drives	FLARE SYSTEM AREA-119		Zone 5
	320049824	119-GM-005	119-GM-005:PTA FLARE DRUM MOTOR	D	ELEC-03	Motors and Drives	FLARE SYSTEM AREA-119		Zone 5
	320049825	119-GM-006	119-GM-006:PTA FLARE DRUM MOTOR	C	ELEC-03	Motors and Drives	FLARE SYSTEM AREA-119		Zone 5
	320049826	119-GM-007	119-GM-007:LP FLARE SURGE DRUM PUMP MOTO	D	ELEC-05	Motors and Drives	FLARE SYSTEM AREA-119		Zone 5
	320049866	119-GM-008	119-GM-008:LP FLARE SURGE DRUM PUMP MOTO	D	ELEC-05	Motors and Drives	FLARE SYSTEM AREA-119		Zone 5
	320051760	108-GM-003	108-GM-003:DIESEL TRANSFER PUMP MOTOR	B	ELEC-05	Motors and Drives	DIESEL SYSTEM AREA-108		Zone 5
	320051761	106-GM-002	106-GM-002:FUEL PUMP MOTOR - C10+	B	ELEC-05	Motors and Drives	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	320051762	106-GM-003	106-GM-003:FUEL PUMP MOTOR - C6/C7	D	ELEC-05	Motors and Drives	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	320051763	111-KM-001	111-KM-001:F.D. FAN MOTOR	B	ELEC-05	Motors and Drives	BOILER # 01 AREA-111	Steam Area	Zone 5
	320051764	112-GM-001	112-GM-001:DEMIN. WATER PUMP MOTOR	B	ELEC-05	Motors and Drives	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320051765	112-GM-002	112-GM-002:DEMIN. WATER PUMP MOTOR	B	ELEC-05	Motors and Drives	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320051766	114-GM-001	114-GM-001:POTABLE WATER PUMP MOTOR	B	ELEC-05	Motors and Drives	POTABLE WATER AREA-114	Potable water Area	Zone 5
	320051767	114-GM-002	114-GM-002:POTABLE WATER PUMP MOTOR	B	ELEC-05	Motors and Drives	POTABLE WATER AREA-114	Potable water Area	Zone 5
	320051768	115-GM-013	115-GM-013:SEAWTR HEADR HYPOCLORITE DOSI	A	ELEC-05	Motors and Drives	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320051769	115-GM-014	115-GM-014:SEAWTR HEADR HYPOCLORITE DOSI	A	ELEC-05	Motors and Drives	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320051770	115-GM-015	115-GM-015:SEAWATR POND HYPOCLORTE DOSNG	A	ELEC-05	Motors and Drives	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320051771	115-GM-016	115-GM-016:SEAWATR POND HYPOCLORTE DOSNG	A	ELEC-05	Motors and Drives	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320051773	123-GM-005	123-GM-005:H2SO4 TRANSFER PUMP MOTOR	C	ELEC-05	Motors and Drives	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	320051774	123-GM-006	123-GM-006:H2SO4 TRANSFER PUMP MOTOR	C	ELEC-05	Motors and Drives	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	320051775	123-GM-007	123-GM-007:H2SO4 UNLOADING PUMP MOTOR	B	ELEC-05	Motors and Drives	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	320051776	124-GM-001	124-GM-001:CAUSTIC UNLOADING PUMP MOTOR	B	ELEC-05	Motors and Drives	CAUSTIC SYSTEM AREA-124		Zone 5
	320051777	124-GM-003	124-GM-003:CAUSTIC TRANSFER PUMP MOTOR	C	ELEC-05	Motors and Drives	CAUSTIC SYSTEM AREA-124		Zone 5
	320051778	124-GM-004	124-GM-004:CAUSTIC TRANSFER PUMP MOTOR	C	ELEC-05	Motors and Drives	CAUSTIC SYSTEM AREA-124		Zone 5
	320051779	111-KM-002	111-KM-002:F.D. FAN MOTOR	B	ELEC-05	Motors and Drives	BOILER # 02 AREA-111	Steam Area	Zone 5
	320051780	111-KM-003	111-KM-003:F.D. FAN MOTOR	B	ELEC-05	Motors and Drives	BOILER # 03 AREA-111	Steam Area	Zone 5
	320051781	111-KM-004	111-KM-004:F.D. FAN MOTOR	B	ELEC-05	Motors and Drives	BOILER # 04 AREA-111	Steam Area	Zone 5
	320104120	111-GM-931	111-GM-931 chemical dosing pump motor	D	ELEC-05	Motors and Drives	BOILER # 01 AREA-111	Steam Area	Zone 5
	320104121	111-GM-932	111-GM-932 Chemical Dosing Pump Motor	A	ELEC-05	Motors and Drives	BOILER # 01 AREA-111	Steam Area	Zone 5
	320104122	111-GM-936	111-GM-936 Chemical Dosing Pump Motor	A	ELEC-05	Motors and Drives	BOILER # 01 AREA-111	Steam Area	Zone 5
	320104123	111-GM-937	111-GM-937 Chemical Dosing Pump Motor	A	ELEC-05	Motors and Drives	BOILER # 01 AREA-111	Steam Area	Zone 5
	320104124	111-DM-930	111-DM-930 Phosphate Mixer Motor	D	ELEC-05	Motors and Drives	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	320105654	117-GM-100	117-GM-100:CHILLED WATER BUSH LEAK MOTOR	B	ELEC-05	Motors and Drives	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	320105655	116-GM-100	116-GM-100:COOLING WATER BUSH LEAK MOTOR	C	ELEC-05	Motors and Drives	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	320123199	P-C-10-10	P-C-10-10:CAPACITY BANK 13.8KV 2000KVAR	A	ELEC-03	Motors and Drives	PIPING SYSTEM		Zone 5
	320123200	P-VSD-10-01	P-VSD-10-01:VFD PANEL FOR 13VM031	B	ELEC-03	Motors and Drives	PIPING SYSTEM		Zone 5
	320123201	P-VSD-10-02	P-VSD-10-02:VFD PANEL FOR 14VM105/115 &	B	ELEC-03	Motors and Drives	PIPING SYSTEM		Zone 5
	320123294	P-C-120-01	P-C-120-01:CAPACITOR BANK INDOOR USE, 3.	C	ELEC-03	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320123295	P-C-120-02	P-C-120-02:CAPACITOR BANK INDOOR USE, 3.	C	ELEC-03	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320123301	P-VSD-120-01	P-VSD-120-01:VARIABLE FREQUENCY DRIVE PA	B	ELEC-03	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320123303	000-MM-501A	000-MM-501A:PROPELLER ASPIRATING AERATOR	B	ELEC-03	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320123304	000-MM-501B	000-MM-501B:PROPELLER ASPIRATING AERATOR	B	ELEC-03	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320123305	000-MM-501C	000-MM-501C:PROPELLER ASPIRATING AERATOR	B	ELEC-03	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320123306	000-MM-501D	000-MM-501D:PROPELLER ASPIRATING AERATOR	B	ELEC-03	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320123307	000-MM-501E	000-MM-501E:PROPELLER ASPIRATING AERATOR	B	ELEC-03	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320123308	000-MM-501F	000-MM-501F:PROPELLER ASPIRATING AERATOR	B	ELEC-03	Motors and Drives	PRETREATMENT AREA AREA-120		Zone 5
	320123842	112-GM-010	112-GM-010:112-G-010 MOTOR	C	ELEC-05	Motors and Drives	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320123843	112-GM-011	112-GM-011:112-G-011 MOTOR	C	ELEC-05	Motors and Drives	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320123844	112-GM-012	112-GM-012:112-G-012 MOTOR	C	ELEC-05	Motors and Drives	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320123845	112-GM-013	112-GM-013:112-G-013 MOTOR	C	ELEC-05	Motors and Drives	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320123846	112-GM-014	112-GM-014:112-G-014 MOTOR	C	ELEC-05	Motors and Drives	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320123847	0100-PM01	0100-PM01:MOTORS	B	ELEC-05	Motors and Drives	PIPING SYSTEM	Acetic Acid Plant	Zone 5
	320123848	0100-PM02	0100-PM02:MOTORS	B	ELEC-05	Motors and Drives	PIPING SYSTEM	Acetic Acid Plant	Zone 5
	320123856	TF2-PM-001	TF2-PM-001:MOTORS	B	ELEC-04	Motors and Drives	PIPING SYSTEM		Zone 5
	320123857	TF2-PM-002	TF2-PM-002:MOTORS	B	ELEC-05	Motors and Drives	PIPING SYSTEM		Zone 5
	320123858	GM-2955A	GM-2955A:MOTORS	B	ELEC-05	Motors and Drives	PIPING SYSTEM		Zone 5
	320123859	GM-2955B	GM-2955B:MOTORS	B	ELEC-05	Motors and Drives	PIPING SYSTEM		Zone 5
	320123860	101-GM-002	101-GM-002:MOTORS	D	ELEC-05	Motors and Drives	PIPING SYSTEM	Tankage Area	Zone 5
	320125696	112-GM-005	112-GM-005:112-G-005 MOTOR	D	ELEC-05	Motors and Drives	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320125697	112-GM-006	112-GM-006:112-G-006 MOTOR	D	ELEC-05	Motors and Drives	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320125698	112-GM-007	112-GM-007:112-G-007 MOTOR	D	ELEC-05	Motors and Drives	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320125699	112-GM-008	112-GM-008:112-G-008 MOTOR	D	ELEC-05	Motors and Drives	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320127389	120-KM-131A	120-KM-131A:Aeration Blower Motor	B	ELEC-05	Motors and Drives	PIPING SYSTEM		Zone 5
	320127390	120-KM-131B	120-KM-131B:Aeration Blower Motor	B	ELEC-05	Motors and Drives	PIPING SYSTEM		Zone 5
	320127391	120-KM-131C	120-KM-131C:Aeration Blower Motor	B	ELEC-05	Motors and Drives	PIPING SYSTEM		Zone 5
	320127392	120-MM-114A	120-MM-114A:Equalization Tank Mixer M	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320127393	120-MM-114B	120-MM-114B:Equalization Tank Mixer M	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	320127394	120-MM-121	120-MM-121:PH Adjustment Basin Agitator	B	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320127395	120-MM-122	120-MM-122:Coagulation Basin Agitator M	B	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320127396	120-MM-124	120-MM-124:Neutralization Basin Agitator	B	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320127397	120-YM-111A1	120-YM-111A1:Sludge Scraper M	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320127398	120-YM-111A2	120-YM-111A2:Sludge Conveyer M	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320127399	120-YM-111B1	120-YM-111B1:Sludge Scraper M	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320127400	120-YM-111B2	120-YM-111B2:Sludge Conveyer M	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320127401	120-YM-111C1	120-YM-111C1:Sludge Scraper M	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320127402	120-YM-111C2	120-YM-111C2:Sludge Conveyer M	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320127403	120-YM-123	120-YM-123:Sludge Scraper M	B	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320127404	120-YM-132	120-YM-132:Sludge Collector M	B	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151746	120-YM-142A2	120-YM-142A2:MainDrvng MTR forBeltPressA	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151747	120-YM-142A4	120-YM-142A4:SConvyr MTR A forBeltPressA	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151748	120-YM-142A5	120-YM-142A5:SConvyr MTR B forBeltPressA	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151749	120-YM-142B2	120-YM-142B2:MainDrvng MTR forBeltPressB	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151750	120-YM-142B4	120-YM-142B4:SConvyr MTR A forBeltPressB	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151751	120-YM-142B5	120-YM-142B5:SConvyr MTR B forBeltPressB	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151752	120-YM-142A1	120-YM-142A1:DispAgit.MTR forBeltpress A	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151753	120-YM-142A3	120-YM-142A3:DrmThk MTR for Belt press A	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151754	120-YM-142B1	120-YM-142B1:DispAgit.MTR forBeltpress B	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151755	120-YM-142B3	120-YM-142B3:DrmThk MTR for Belt press B	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151756	120-MM-147A	120-MM-147A:Dewatering Agitator motor A	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151757	120-MM-147B	120-MM-147B:Dewatering Agitator motor B	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151758	120-YM-102A1	120-YM-102A1:BeltConvyr for FilterpressA	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151759	120-YM-102A2	120-YM-102A2:HydrCylPump for FiltrPressA	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151760	120-YM-102A3	120-YM-102A3:HydrCylPump for FiltrPressA	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151761	120-YM-102B1	120-YM-102B1:BeltConvyr for FilterpressB	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151762	120-YM-102B2	120-YM-102B2:HydrCylPump for FiltrPressB	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320151763	120-YM-102B3	120-YM-102B3:HydrCylPump for FiltrPressB	C	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320216871	110-KM-010	110-KM-010:OIL DEMISTER MOTOR	C	ELEC-05	Motors and Drives	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320218412	110-KM-011	110-KM-011:OIL DEMISTER MOTOR	C	ELEC-05	Motors and Drives	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320218436	110-KM-009	110-KM-009:OIL DEMISTER MOTOR	C	ELEC-05	Motors and Drives	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320218437	110-KM-006	110-KM-006:CANOPY FAN MOTOR	D	ELEC-05	Motors and Drives	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320218438	110-KM-007	110-KM-007:CANOPY FAN MOTOR	D	ELEC-05	Motors and Drives	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320218439	110-KM-008	110-KM-008:CANOPY FAN MOTOR	D	ELEC-05	Motors and Drives	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320233223	120-YM-116A	120-YM-116A: CHILLED COMPRESSOR MOTOR	E	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320233228	120-GM-043	120-GM-043:POND EFFLUENT TRANSFER PUMP M	E	ELEC-05	Motors and Drives	EFFLUENT STORAGE AREA-120		Zone 5
	320233230	120-VM-166	120-VM-166: PDM SCREW CONVEYOR	E	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320233231	120-MM-166A	120-MM-166A: PDM MIXER MOTOR	E	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320233232	120-MM-166B	120-MM-166B: PDM MIXER MOTOR	E	ELEC-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123302	120-HTP-01	120-HTP-01:HEAT TRACING PANEL	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123309	120-GM-101A	120-GM-101A:PTA DEWATERING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123310	120-GM-101B	120-GM-101B:PTA DEWATERING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123311	120-GM-101C	120-GM-101C:PTA DEWATERING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123312	120-GM-111A	120-GM-111A:SLUDGE PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123313	120-GM-111B	120-GM-111B:SLUDGE PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123314	120-GM-111C	120-GM-111C:SLUDGE PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123315	120-GM-111D	120-GM-111D:SLUDGE PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123316	120-GM-111E	120-GM-111E:SLUDGE PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123317	120-GM-111F	120-GM-111F:SLUDGE PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123318	120-GM-112A	120-GM-112A:PTA WW.LIFT PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123319	120-GM-112B	120-GM-112B:PTA WW.LIFT PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123320	120-GM-114A	120-GM-114A:WW.TRANSFER PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123321	120-GM-114B	120-GM-114B:WW.TRANSFER PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123322	120-GM-116A	120-GM-116A:CHILLED WATER TRANSFER PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123323	120-GM-116B	120-GM-116B:CHILLED WATER TRANSFER PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123324	120-GM-117A	120-GM-117A:WW. LIFT PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123325	120-GM-117B	120-GM-117B:WW. LIFT PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123326	120-GM-123A	120-GM-123A:SLUDGE PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123327	120-GM-123B	120-GM-123B:SLUDGE PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123328	120-GM-125A	120-GM-125A:WW. TRANSFER PUMP FOR EPT-Ⅱ	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123329	120-GM-125B	120-GM-125B:WW. TRANSFER PUMP FOR EPT-Ⅱ	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123330	120-GM-126A	120-GM-126A:WW. TRANSFER PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123331	120-GM-126B	120-GM-126B:WW. TRANSFER PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123332	120-GM-131A1	120-GM-131A1:AERATION RECYCLING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123333	120-GM-131A2	120-GM-131A2:AERATION RECYCLING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123334	120-GM-131A3	120-GM-131A3:AERATION RECYCLING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123335	120-GM-131A4	120-GM-131A4:AERATION RECYCLING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123336	120-GM-131B1	120-GM-131B1:AERATION RECYCLING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123337	120-GM-131B2	120-GM-131B2:AERATION RECYCLING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123338	120-GM-131B3	120-GM-131B3:AERATION RECYCLING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123339	120-GM-131B4	120-GM-131B4:AERATION RECYCLING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123340	120-GM-131A5	120-GM-131A5:JET RECYCLING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123341	120-GM-131A6	120-GM-131A6:JET RECYCLING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123342	120-GM-131A7	120-GM-131A7:JET RECYCLING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123343	120-GM-131A8	120-GM-131A8:JET RECYCLING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123344	120-GM-131B5	120-GM-131B5:JET RECYCLING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123345	120-GM-131B6	120-GM-131B6:JET RECYCLING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123346	120-GM-131B7	120-GM-131B7:JET RECYCLING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123347	120-GM-131B8	120-GM-131B8:JET RECYCLING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123348	120-GM-133A	120-GM-133A:SLUDGE PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123349	120-GM-133B	120-GM-133B:SLUDGE PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123350	120-GM-134A	120-GM-134A:EFFLUENT PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123351	120-GM-134B	120-GM-134B:EFFLUENT PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123352	120-GM-141A	120-GM-141A:DEWATERING FEED PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123353	120-GM-141B	120-GM-141B:DEWATERING FEED PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123354	120-GM-141C	120-GM-141C:DEWATERING FEED PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123355	120-GM-145A	120-GM-145A:BELT WASH PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123356	120-GM-145B	120-GM-145B:BELT WASH PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123357	120-GM-145C	120-GM-145C:BELT WASH PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123358	120-GM-147A	120-GM-147A:DEWATERING AGENT DOSING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123359	120-GM-147B	120-GM-147B:DEWATERING AGENT DOSING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123360	120-GM-147C	120-GM-147C:DEWATERING AGENT DOSING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123361	120-GM-152A	120-GM-152A:AROMATIC WW. PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123362	120-GM-152B	120-GM-152B:AROMATIC WW. PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123363	120-GM-154A	120-GM-154A:AROMATIC WW. TRANSFER PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123364	120-GM-154B	120-GM-154B:AROMATIC WW. TRANSFER PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123365	120-GM-161A	120-GM-161A:HCL DOSING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123366	120-GM-161B	120-GM-161B:HCL DOSING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123367	120-GM-162A	120-GM-162A:NAOH DOSING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123368	120-GM-162B	120-GM-162B:NAOH DOSING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123369	120-GM-162C	120-GM-162C:NAOH DOSING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123370	120-GM-163A	120-GM-163A:NUTRIENT DOSING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123371	120-GM-163B	120-GM-163B:NUTRIENT DOSING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123372	120-GM-164A	120-GM-164A:NUTRIENT DOSING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123373	120-GM-164B	120-GM-164B:PAC DOSING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123374	120-GM-165A	120-GM-165A:H.M.C.A DOSING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123375	120-GM-165B	120-GM-165B:H.M.C.A DOSING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123376	120-GM-166A	120-GM-166A:PAM DOSING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123377	120-GM-166B	120-GM-166B:PAM DOSING PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123378	120-GM-168A	120-GM-168A:WASTE WATER TRANSFER PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123379	120-GM-168B	120-GM-168B:WASTE WATER TRANSFER PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123380	120-GM-170A	120-GM-170A:SANITARY TRANSFER PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123381	120-GM-170B	120-GM-170B:SANITARY TRANSFER PUMP	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123382	120-KM-117A	120-KM-117A:AIR BLOWER	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123383	120-KM-117B	120-KM-117B:AIR BLOWER	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123384	120-KM-157A	120-KM-157A:OFF-GAS BLOWER	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123385	120-KM-157B	120-KM-157B:OFF-GAS BLOWER	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120		Zone 5
	320123849	112-GM-009	112-GM-009:MOTORS	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120	Deaminraize Area	Zone 5
	320123853	113-GM-004	113-GM-004:MOTORS	C	MECH-05	Motors and Drives	AEROBIC TREATMENT AREA-120	Process Water Area	Zone 5
PIPE / FITTINGS									
26	310063232	000-Z-009	000-Z-009:WEIR	D	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310063240	000-Z-012	000-Z-012:TRASH SCREENS	D	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310065178	109-Y-004	109-Y-004:VENT SILENCER	D	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065183	109-Y-007	109-Y-007:COMPRESSOR VENT SILENCER	D	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065186	109-Y-008	109-Y-008:COMPRESSOR INLET SILENCER	D	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065191	109-Y-010	109-Y-010:MOLECULAR SIEVE SILENCER	D	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065566	110-Y-004	110-Y-004:REGENERATION AIR SILENCER	D	MECH-05	Pipe / Fittings	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065569	110-Y-005	110-Y-005:REGENERATION AIR SILENCER	D	MECH-05	Pipe / Fittings	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065571	110-Y-008	110-Y-008:COMPRESSOR 1 INLET SILENCER	D	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065574	110-Y-009	110-Y-009:COMPRESSOR 2 INLET SILENCER	D	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310065576	110-Y-010	110-Y-010:COMPRESSOR 3 INLET SILENCER	D	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065579	110-Y-011	110-Y-011:COMPRESSOR 1 BYPASS SILENCER	D	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065581	110-Y-012	110-Y-012:COMPRESSOR 3 BYPASS SILENCER	D	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065584	110-Y-013	110-Y-013:COMPRESSOR 3 BYPASS SILENCER	D	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310067060	111-Y-011	111-Y-011:L. OIL SKID FOR STEAM TURBINE	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310067061	111-Y-012	111-Y-012:L. OIL SKID FOR STEAM TURBINE	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310067062	111-Y-013	111-Y-013:L. OIL SKID FOR STEAM TURBINE	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310067063	111-Y-014	111-Y-014:L. OIL SKID FOR STEAM TURBINE	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310067068	111-YY-001	111-YY-001:SAFETY VALVE STEAM VENT SILEN	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111	Steam Area	Zone 5
	310067069	111-YY-002	111-YY-002:START UP STEAM VENT SILENCER	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111	Steam Area	Zone 5
	310067070	111-YY-003	111-YY-003:SAFETY VALVE STEAM VENT SILEN	B	MECH-05	Pipe / Fittings	BOILER # 02 AREA-111	Steam Area	Zone 5
	310067071	111-YY-004	111-YY-004:START UP STEAM VENT SILENCER	B	MECH-05	Pipe / Fittings	BOILER # 02 AREA-111	Steam Area	Zone 5
	310067072	111-YY-005	111-YY-005:SAFETY VALVE STEAM VENT SILEN	B	MECH-05	Pipe / Fittings	BOILER # 03 AREA-111	Steam Area	Zone 5
	310067073	111-YY-006	111-YY-006:START UP STEAM VENT SILENCER	B	MECH-05	Pipe / Fittings	BOILER # 03 AREA-111	Steam Area	Zone 5
	310067074	111-YY-007	111-YY-007:SAFETY VALVE STEAM VENT SILEN	B	MECH-05	Pipe / Fittings	BOILER # 04 AREA-111	Steam Area	Zone 5
	310067075	111-YY-008	111-YY-008:START UP STEAM VENT SILENCER	B	MECH-05	Pipe / Fittings	BOILER # 04 AREA-111	Steam Area	Zone 5
	310067215	117-GH-001	117-GH-001:HOGGING EJECTOR FOR 117-GE-00	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310067216	117-GH-002	117-GH-002:FIRST STAGE EJECTOR FOR 117-G	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310067217	117-GH-003	117-GH-003:SECOND STAGE EJECTOR FOR 117-	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310067218	117-GH-004	117-GH-004:EJECTOR FOR GLAND CONDENSER 1	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310067231	117-V-001	117-V-001:CHILLED WATER PACKAGE SEA WATE	C	MECH-05	Pipe / Fittings	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	310067232	117-V-002	117-V-002:CHILLED WATER PACKAGE SEA WATE	C	MECH-05	Pipe / Fittings	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	310067233	117-V-003	117-V-003:CHILLED WATER PACKAGE SEA WATE	C	MECH-05	Pipe / Fittings	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	310067234	117-V-004	117-V-004:CHILLED WATER PACKAGE SEA WATE	C	MECH-05	Pipe / Fittings	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	310082539	115-GH-007	115-GH-007:EJECTOR FOR GLAND CONDENSER 1	C	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082540	115-GH-008	115-GH-008:EJECTOR FOR GLAND CONDENSER 1	C	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082541	115-GH-001	115-GH-001:HOGGING EJECTOR FOR 115-GE-00	C	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082542	115-GH-002	115-GH-002:HOGGING EJECTOR FOR 115-GE-00	C	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082543	115-GH-003	115-GH-003:FIRST STAGE EJECTOR FOR 115-G	C	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082544	115-GH-004	115-GH-004:SECOND STAGE EJECTOR FOR 115-	C	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082545	115-GH-005	115-GH-005:FIRST STAGE EJECTOR FOR 115-G	C	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082546	115-GH-006	115-GH-006:SECOND STAGE EJECTOR FOR 115-	C	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082572	116-GH-001	116-GH-001:HOGGING EJECTOR FOR 116-GE-00	C	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082573	116-GH-002	116-GH-002:HOGGING EJECTOR FOR 116-GE-00	C	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082574	116-GH-003	116-GH-003:FIRST STAGE EJECTOR FOR 116-G	C	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082575	116-GH-004	116-GH-004:SECOND STAGE EJECTOR FOR 116-	C	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082576	116-GH-005	116-GH-005:FIRST STAGE EJECTOR FOR 116-G	C	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082577	116-GH-006	116-GH-006:SECOND STAGE EJECTOR FOR 116-	C	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082578	116-GH-007	116-GH-007:EJECTOR FOR GLAND CONDENSER 1	C	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082579	116-GH-008	116-GH-008:EJECTOR FOR GLAND CONDENSER 1	C	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310132039	VW-120-016-8"-C1	Final Discharge	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132071	5W-000-001-4"-C12	O/S collection to csw-000-008 e/w	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132072	5W-000-002-4"-C12	csw-000-003 to csw-000-001	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132073	5W-000-017-3"-C12	G-041/042(000-Q-015) TO CSW-000-001	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132211	/F-118-001-30"-C12	4700-T05 TO WF-118-004	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132212	F-118-003/5-14"-C1	FIRE PUMP 4700 P-11 TO WF-118-007	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132213	/F-118-005-14"-C12	FIRE PUMP 4700 P-12 TO WF-118-007	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132214	/F-118-006-24"-C12	WF-118-007 TO WF-118-021	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132215	/F-118-007-24"-C12	WF-118-019 TO WF-118-006	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132216	/F-118-008-12"-C12	WF-118-003 TO TANK 4700-T05	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132217	/F-118-009-12"-C12	WF-118-005 TO WF-118-008	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132218	/F-118-030-30"-F10	Fire Water System	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132219	VF-118-120-6"-C12	Fire Water System	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132220	VF-118-121-6"-C12	Fire Water System	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132221	VF-118-122-6"-C12	Fire Water System	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132222	/F-118-141-12"-F10	Fire Water System	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132223	VF-118-152-4"-F10	Fire Water System	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132224	VF-118-157-24"C12	WF-118-030 TO WF-118-158	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132225	VF-118-232-3"-C12	WF-118-152 TO WF-118-234(MJC-021)	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132226	VF-118-233-2"-C12	WF-118-232 TO WF-118-234(MJC-020)	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132227	VF-118-234-2"-C12	WF-118-232 TO WF-118-234(MJC-021)	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132228	VF-118-315-6"-C12	Fire Water System	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132229	VF-118-329-2"-C12	WF-118-328 TO SPRIKLERS	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132230	/F-118-337-12"-C12	WF-118-351 TO C6-C10 TNKS DELUGE VALVES	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132231	VF-118-337-2"-C12	Fire Water System (Above Ground)	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132232	VF-118-338-4"-F10	Fire Water System	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132233	VF-118-339-3"-C12	WF-118-337 TO END FLANGE	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132234	VF-118-340-2"-C12	WF-118-339 TO PUMPS106-G-001/002	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132235	VF-118-341-2"-C12	WF-118-339 TO PUMPS106-G-003/004	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132236	VF-118-343-3"-C12	WF-118-342 TO WF-118-348	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132237	VF-118-344-3"-C12	WF-118-342 TO DIESEL TRAIN PUMP STN	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132238	VF-118-345-2"-C12	WF-118-344 TO MJC-035	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132239	VF-118-346-2"-C12	WF-118-344 TO MJC-036	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132240	/F-118-351-12"-F10	Fire Water System	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132241	VF-118-353-6"-C12	DELUGE 118-FY-007 TO TK 106-F-002 DELUGE	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310132315	>-130-001-12"-C32A	IbnRushd to Chemical Berth	D	MECH-05	Pipe / Fittings	PIPING SYSTEM		Zone 5
	310132316	130-002-12"-C32A-	IbnRushd to Chemical Berth	D	MECH-05	Pipe / Fittings	PIPING SYSTEM		Zone 5
	310132317	>-130-003-12"-C32A	IbnRushd to Chemical Berth	D	MECH-05	Pipe / Fittings	PIPING SYSTEM		Zone 5
	310576413	WP-130-001-F10A	ROYAL COMMISSION TO 130-WP-002	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310576519	WF-118-001-C12E	TANK-4700-T05 TO WF-118-004	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576521	WF-118-002-C12E	WF-118-001 TO FIRE PUMP 4700-P11	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576523	WF-118-003-C12E	FIRE PUMP 4700-P11 TO WF-118-007	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576525	WF-118-004-C12E	WF-118-001 TO FIRE PUMP 4700-P12	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576527	WF-118-005-C12E	FIRE PUMP 4700-P12 TO WF-118-007	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576529	WF-118-006-C12E	WF-118-007 TO WF-118-021	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576531	WF-118-007-C12E	WF-118-019 TO WF-118-006	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576533	WF-118-008-C12E	WF-118-003 TO TANK 4700-T05	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576535	WF-118-009-C12E	WF-118-005 TO WF-118-008	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576537	WF-118-010-C12E	TANK 4700-T05 TO DRAIN	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576539	WF-118-012-C12E	PSV-4721 TO WF-118-286	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576541	WF-118-013-C12E	PSV-4722 TO WF-118-287	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576543	WF-118-014-C12E	WF-118-005 TO PSV-4722	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576545	WF-118-015-C12E	WF-118-003 TO PSV-4721	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576547	WF-118-016-C12E	WF-118-003 TO FIRE PUMP-4700-P11	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576549	WF-118-017-C12E	WF-118-005 TO FIRE PUMP-4700-P12	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576551	WF-118-019-C12E	TI-003-TIE-IN TO WF-118-331	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576553	WF-118-020-C12E	TI-004-TIE-IN TO WF-118-333	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576555	WF-118-021-F10D	WF-118-006 TO WF-118-136	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576558	WF-118-022-F10D	WF-118-011 TO WF-118-136	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576560	WF-118-023-F10D	WF-118-111 TO WF-118-136	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576562	WF-118-024-F10D	LINE-WF-118-029 TO WF-118-155	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576564	WF-118-027-F10D	LINE-WF-118-031 TO AROMATICS UNIT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576566	WF-118-028-F10D	LINE-WF-118-029 TO WF-118-107	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576568	WF-118-030-F10D	LINE-WF-118-023 TO WF-118-157	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576570	WF-118-031-F10D	LINE-WF-118-026 TO WF-118-028	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576572	WF-118-032-F10D	LINE-WF-118-136 TO WF-118-154	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576574	WF-118-038-F10D	LINE-WF-118-026 TO WF-118-028	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576576	WF-118-039-F10D	LINE-WF-118-038 TO CHEMICAL WAREHOUSE	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576578	WF-118-040-F10D	LINE-WF-118-038 TO MAINTENANCE WAREHOUSE	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576580	WF-118-041-F10D	LINE-WF-118-038 TO MAINTENANCE WORKSHOP	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576582	WF-118-042-F10D	LINE-WF-118-023 TO WF-118-318	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576584	WF-118-043-F10D	LINE-WF-118-026 TO AROMATICS UNIT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576586	WF-118-044-C12E	WF-118-206 TO 103-F-002 DELUGE	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576588	WF-118-045-C12E	WF-118-206 TO 103-F-003 DELUGE	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576589	WF-118-046-C12E	WF-118-208 TO 103-F-004 DELUGE	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576591	WF-118-047-C12E	WF-118-203 TO 103-F-005 DELUGE	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576593	WF-118-048-C12E	WF-118-204 TO 103-F-006 DELUGE	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576595	WF-118-049-C12E	DELUGE SKID TO WF-118-185	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576598	WF-118-050-C12E	DELUGE SKID TO WF-118-186	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576600	WF-118-051-C12E	DELUGE SKID TO WF-118-189	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576602	WF-118-052-C12E	DELUGE SKID TO WF-118-190	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576603	WF-118-053-C12E	DELUGE SKID TO WF-118-169	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576605	WF-118-054-C12E	DELUGE SKID TO WF-118-170	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576607	WF-118-055-C12E	DELUGE SKID TO WF-118-171	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576609	WF-118-056-C12E	DELUGE SKID TO WF-118-172	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576611	WF-118-057-C12E	DELUGE SKID TO WF-118-173	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576613	WF-118-058-C12E	DELUGE SKID TO WF-118-174	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576615	WF-118-059-C12E	DELUGE SKID TO WF-118-175	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576617	WF-118-060-C12E	DELUGE SKID TO WF-118-176	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576619	WF-118-061-C12E	DELUGE SKID TO WF-118-177	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576621	WF-118-062-C12E	DELUGE SKID TO WF-118-178	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576623	WF-118-063-C12E	DELUGE SKID TO WF-118-179	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310576625	WF-118-064-C12E	DELUGE SKID TO WF-118-180	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576627	WF-118-065-C12E	DELUGE SKID TO WF-118-181	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576629	WF-118-066-C12E	DELUGE SKID TO WF-118-182	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576631	WF-118-067-C12E	DELUGE SKID TO WF-118-183	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576633	WF-118-068-C12E	DELUGE SKID TO WF-118-184	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576635	WF-118-069-C12E	WF-118-029 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576637	WF-118-070-C12E	WF-118-029 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576639	WF-118-071-C12E	WF-118-029 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576641	WF-118-072-C12E	WF-118-029 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576643	WF-118-073-C12E	WF-118-029 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576645	WF-118-074-C12E	WF-118-028 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576647	WF-118-075-C12E	WF-118-028 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576649	WF-118-076-C12E	WF-118-028 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576651	WF-118-077-C12E	WF-118-028 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576653	WF-118-078-C12E	WF-118-028 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576655	WF-118-079-C12E	WF-118-107 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576657	WF-118-080-C12E	WF-118-031 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576659	WF-118-081-C12E	WF-118-031 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576661	WF-118-082-C12E	WF-118-031 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576663	WF-118-084-C12E	WF-118-031 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576665	WF-118-085-C12E	WF-118-026 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576667	WF-118-086-C12E	WF-118-026 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576669	WF-118-087-C12E	WF-118-026 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576671	WF-118-088-C12E	WF-118-027 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576673	WF-118-089-C12E	WF-118-027 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576675	WF-118-090-C12E	WF-118-091 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576677	WF-118-091-F10D	WF-118-027 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576679	WF-118-092-C12E	WF-118-091 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576681	WF-118-094-C12E	WF-118-026 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576683	WF-118-095-C12E	WF-118-0201 TO 101-DY-001-DELUGE SKID	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576685	WF-118-099-C12E	DELUGE SKID-118-DY-001 TO WF-118-100	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576687	WF-118-100-C12E	WF-118-099 TO NORTH RISER-101-D-001	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576689	WF-118-101-C12E	DELUGE SKID-118-DY-001 TO WF-118-102	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576691	WF-118-102-C12E	WF-118-101 TO NORTH RISER-101-D-002	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576693	WF-118-103-C12E	WF-118-107 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576695	WF-118-104-C12E	WF-118-107 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576697	WF-118-105-C12E	WF-118-107 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576699	WF-118-106-C12E	WF-118-107 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576701	WF-118-107-F10D	WF-118-028 TO WF-118-148	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576703	WF-118-108-C12E	WF-118-156 TO WF-118-168	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576705	WF-118-110-F10D	WF-118-038 TO WF-118-311	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576707	WF-118-111-F10D	WF-118-136 TO WF-118-127	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576709	WF-118-112-F10D	WF-118-136 TO WF-118-030	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576711	WF-118-113-C12E	WF-118-038 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576713	WF-118-114-C12E	WF-118-038 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576715	WF-118-116-C12E	WF-118-038 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576717	WF-118-117-C12E	WF-118-032 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576719	WF-118-118-C12E	WF-118-032 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576721	WF-118-120-C12E	WF-118-141 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576723	WF-118-121-C12E	WF-118-141 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576725	WF-118-122-C12E	WF-118-141 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576727	WF-118-123-C12E	WF-118-030 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576729	WF-118-124-C12E	WF-118-123 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576731	WF-118-125-F10D	WF-118-038 TO WF-118-313	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576733	WF-118-128-C12E	WF-118-001 TO 4700-001-FW-4700-003-FW	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576735	WF-118-131-F10D	TIE-IN-TI-009 TO WF-118-131	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576737	WF-118-132-C12E	TIE-IN-TI-012-4700-2-008 TO WF-118-133	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576739	WF-118-133-C12E	WF-118-133-C12E:FIRE WATER	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576741	WF-118-134-F10D	TIE-IN-TI-015 TO WF-118-023	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576743	WF-118-135-F10D	TIE-IN-TI-016 TO WF-118-136	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576745	WF-118-136-F10D	WF-118-023 TO WF-118-032	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576747	WF-118-137-F10D	WF-118-112 TO PTA PLANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576749	WF-118-138-F10D	WF-118-112 TO PTA PLANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576751	WF-118-139-F10D	WF-118-032 TO PTA PLANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576753	WF-118-140-F10D	WF-118-032 TO PTA PLANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576755	WF-118-141-F10D	WF-118-030 TO WF-118-032	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576757	WF-118-142-F10D	WF-118-038 TO FIRE TRAIN AREA	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576759	WF-118-144-F10D	WF-118-028 TO AROMATICS UNIT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576761	WF-118-145-F10D	WF-118-107 TO AROMATICS UNIT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576763	WF-118-146-F10D	WF-118-107 TO AROMATICS UNIT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576765	WF-118-147-F10D	WF-118-107 TO AROMATICS UNIT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576767	WF-118-148-F10D	WF-118-107 TO AROMATICS UNIT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576769	WF-118-150-F10D	WF-118-136 TO FIRE STATION	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576771	WF-118-151-F10D	WF-118-023 TO PTA BAGGING	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576773	WF-118-152-F10D	WF-118-141 TO LINE-WF-118-232	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576775	WF-118-153-C12E	WF-118-032 TO WF-118-038	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576777	WF-118-154-C12E	WF-118-032 TO WF-118-035	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576779	WF-118-155-F10D	WF-118-154 TO WF-118-026	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576781	WF-118-156-F10D	WF-118-138 TO WF-118-108	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576783	WF-118-157-C12E	WF-118-030 TO WF-118-158	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576785	WF-118-158-F10D	WF-118-157 TO WF-118-026	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576787	WF-118-159-C12E	WF-118-099 TO SOUTH RISER-101-D-001	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576789	WF-118-161-C12E	WF-118-101 TO SOUTH RISER-101-D-001	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576791	WF-118-163-C12E	DELUGE SKID TO WF-118-187	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576793	WF-118-164-C12E	DELUGE SKID TO WF-118-188	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576795	WF-118-165-C12E	DELUGE SKID TO WF-118-191	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576797	WF-118-166-C12E	DELUGE SKID TO WF-118-192	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576799	WF-118-167-C12E	WF-118-205 TO 103-F-001-DELUGE	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576801	WF-118-168-F10D	WF-118-108 TO AROMATICS UNIT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576803	WF-118-169-F10D	WF-118-053 TO WF-118-261	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576805	WF-118-170-F10D	WF-118-054 TO WF-118-263	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576807	WF-118-171-F10D	WF-118-055 TO WF-118-262	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576809	WF-118-172-F10D	WF-118-056 TO WF-118-264	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576811	WF-118-173-F10D	WF-118-057 TO WF-118-265	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576813	WF-118-174-F10D	WF-118-058 TO WF-118-266	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576815	WF-118-175-F10D	WF-118-059 TO WF-118-268	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576817	WF-118-176-F10D	WF-118-060 TO WF-118-267	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576819	WF-118-177-F10D	WF-118-061 TO WF-118-269	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576821	WF-118-178-F10D	WF-118-062 TO WF-118-270	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576823	WF-118-179-F10D	WF-118-063 TO WF-118-271	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576825	WF-118-180-F10D	WF-118-064 TO WF-118-272	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576827	WF-118-181-F10D	WF-118-065 TO WF-118-273	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576829	WF-118-182-F10D	WF-118-066 TO WF-118-274	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576831	WF-118-183-F10D	WF-118-067 TO WF-118-275	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576833	WF-118-184-F10D	WF-118-068 TO WF-118-276	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576835	WF-118-185-F10D	WF-118-049 TO WF-118-281	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576837	WF-118-186-F10D	WF-118-050 TO WF-118-280	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576839	WF-118-187-F10D	WF-118-163 TO WF-118-279	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576841	WF-118-188-F10D	WF-118-164 TO WF-118-278	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576843	WF-118-189-F10D	WF-118-051 TO WF-118-282	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576845	WF-118-190-F10D	WF-118-052 TO WF-118-285	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576847	WF-118-191-F10D	WF-118-165 TO WF-118-284	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576849	WF-118-192-F10D	WF-118-166 TO WF-118-283	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576851	WF-118-193-F10D	CANCELLED TO 101-0-001	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576853	WF-118-197-F10D	CANCELLED TO 101-0-002	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576855	WF-118-201-F10D	MAIN HDR-WEF-118-028 TO WF-181-095	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576857	WF-118-202-F10D	MAIN HDR-WEF-118-027 TO BLIND FLANGE	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576859	WF-118-203-F10D	MAIN HDR-WEF-118-027 TO WF-181-047	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576861	WF-118-204-F10D	MAIN HDR-WEF-118-028 TO WF-181-048	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576863	WF-118-205-F10D	MAIN HDR-WEF-118-031 TO WF-181-167	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576865	WF-118-206-F10D	MAIN HDR-WEF-118-031 TO WF-181-044	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576867	WF-118-229-C12E	WF-118-229-C12E:FIRE WATER	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576869	WF-118-230-C12E	LINE-WF-118-229 TO MJC-030	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576871	WF-118-231-C12E	LINE-WF-118-229 TO MJC-031	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576873	WF-118-232-C12E	LINE-WF-118-152 TO LINE-WF-118-234	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576875	WF-118-233-C12E	LINE-WF-118-232 TO MJC-020	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576877	WF-118-234-C12E	LINE-WF-118-232 TO MJC-021	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576879	WF-118-235-C12E	LINE-WF-118-225 TO MJC-001/002	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576881	WF-118-236-C12E	LINE-WF-118-225 TO MJC-003	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576883	WF-118-237-C12E	LINE-WF-118-225 TO MJC-004	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576885	WF-118-238-C12E	LINE-WF-118-225 TO MJC-005	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576887	WF-118-239-C12E	LINE-WF-118-225 TO MJC-006	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310576889	WF-118-240-C12E	LINE-WF-118-225 TO MJC-007	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576891	WF-118-241-C12E	LINE-WF-118-225 TO MJC-008	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576893	WF-118-242-C12E	LINE-WF-118-225 TO MJC-009	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576895	WF-118-243-C12E	LINE-WF-118-225 TO MJC-010	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576897	WF-118-244-C12E	LINE-WF-118-225 TO MJC-011	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576899	WF-118-245-C12E	LINE-WF-118-226 TO MJC-012/013	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576901	WF-118-246-C12E	LINE-WF-118-226 TO MJC-014	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576903	WF-118-247-C12E	LINE-WF-118-226 TO MJC-015	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576905	WF-118-248-C12E	LINE-WF-118-226 TO MJC-016	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576907	WF-118-249-C12E	LINE-WF-118-226 TO MJC-017	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576909	WF-118-250-C12E	LINE-WF-118-226 TO MJC-018	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576911	WF-118-251-C12E	LINE-WF-118-226 TO MJC-018	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576913	WF-118-252-C12E	LINE-WF-118-227 TO MJC-022/023	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576915	WF-118-253-C12E	LINE-WF-118-227 TO MJC-024	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576917	WF-118-254-C12E	LINE-WF-118-227 TO MJC-025	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576919	WF-118-255-C12E	LINE-WF-118-227 TO MJC-026	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576921	WF-118-256-C12E	LINE-WF-118-227 TO MJC-027	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576923	WF-118-257-C12E	LINE-WF-118-227 TO MJC-028	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576925	WF-118-258-C12E	LINE-WF-118-227 TO MJC-029	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576927	WF-118-259-C12E	LINE-WF-118-228 TO MJC-032	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576929	WF-118-260-C12E	LINE-WF-118-228 TO MJC-033	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576931	WF-118-261-C12E	LINE-WF-118-169 TO TANK 103F001 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576933	WF-118-262-C12E	LINE-WF-118-171 TO TANK 103F001 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576935	WF-118-263-C12E	LINE-WF-118-170 TO TANK 103F001 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576937	WF-118-264-C12E	LINE-WF-118-172 TO TANK 103F001 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576939	WF-118-265-C12E	LINE-WF-118-173 TO TANK 103F002 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576941	WF-118-266-C12E	LINE-WF-118-174 TO TANK 103F002 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576943	WF-118-267-C12E	LINE-WF-118-176 TO TANK 103F002 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576945	WF-118-268-C12E	LINE-WF-118-175 TO TANK 103F002 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576947	WF-118-269-C12E	LINE-WF-118-177 TO TANK 103F003 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576949	WF-118-270-C12E	LINE-WF-118-178 TO TANK 103F003 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576951	WF-118-271-C12E	LINE-WF-118-179 TO TANK 103F003 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576953	WF-118-272-C12E	LINE-WF-118-180 TO TANK 103F003 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576955	WF-118-273-C12E	LINE-WF-118-181 TO TANK 103F004 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576957	WF-118-274-C12E	LINE-WF-118-182 TO TANK 103F004 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576959	WF-118-276-C12E	LINE-WF-118-183 TO TANK 103F004 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576961	WF-118-278-C12E	LINE-WF-118-188 TO TANK 103F005 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576963	WF-118-279-C12E	LINE-WF-118-187 TO TANK 103F005 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576965	WF-118-280-C12E	LINE-WF-118-186 TO TANK 103F005 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576967	WF-118-281-C12E	LINE-WF-118-185 TO TANK 103F005 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576969	WF-118-282-C12E	LINE-WF-118-189 TO TANK 103F006 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576971	WF-118-283-C12E	LINE-WF-118-192 TO TANK 103F006 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576973	WF-118-284-C12E	LINE-WF-118-191 TO TANK 103F006 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576975	WF-118-285-C12E	LINE-WF-118-190 TO TANK 103F006 RISER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576977	WF-118-286-F10D	WF-118-012 TO TO DRAIN CHANNEL	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576979	WF-118-287-F10D	WF-118-013 TO TO DRAIN CHANNEL	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576981	WF-118-288-F10D	WF-118-303 TO RING MAIN-WF-118-038	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576983	WF-118-289-F10D	WF-118-321 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576985	WF-118-290-C12E	WF-118-038 TO FIRE MONITOR HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576987	WF-118-291-C12E	WF-118-038 TO FIRE MONITOR HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576989	WF-118-292-C12E	WF-118-038 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576991	WF-118-293-C12E	WF-118-038 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576993	WF-118-294-C12E	WF-118-288 TO WF-118-322	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576995	WF-118-295-C12E	WF-118-288 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576997	WF-118-296-C12E	WF-118-288 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310576999	WF-118-297-C12E	WF-118-288 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577001	WF-118-298-C12E	WF-118-288 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577003	WF-118-299-C12E	WF-118-288 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577005	WF-118-300-C12E	WF-118-303 TO FIRE MONITOR HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577007	WF-118-301-C12E	WF-118-023 TO HEADER	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577009	WF-118-302-C12E	WF-118-301 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577011	WF-118-303-C12E	WF-118-032 TO WF-118-288	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577014	WF-118-304-F10D	WF-118-304 TO INCINEATOR	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577016	WF-118-305-C12E	WF-118-326 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577018	WF-118-306-C12E	WF-118-304 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577019	WF-118-307-F10D	LINE-WF-118-023 TO LINE-WF-118-042	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577021	WF-118-308-C12E	4700-T01 TO WF-118-210	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577023	WF-118-309-C12E	4700-021-FW-TI-029 TO WF-118-131	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577025	WF-118-310-F10D	WF-118-038 TO WF-118-293	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577027	WF-118-311-C12E	WF-118-110 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577029	WF-118-312-F10D	WF-118-038 TO BLIND FLANGE	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577031	WF-118-313-C12E	WF-118-125 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577033	WF-118-314-F10D	WF-118-288 TO WF-118-038	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577035	WF-118-315-F10D	WF-118-030 TO WF-118-316	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577037	WF-118-316-C12E	WF-118-315 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577039	WF-118-317-C12E	WF-118-221 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577041	WF-118-318-C12E	WF-118-042 TO HYDRANT	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577043	WF-118-319-F10D	WF-118-023 TO WF-118-220	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577045	WF-118-320-F10D	WF-118-023 TO WF-118-219	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577047	WF-118-321-F10D	WF-118-032 TO WF-118-289	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577048	WF-118-322-F10D	WF-118-288 TO WF-118-294	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577050	WF-118-323-F10D	WF-118-136 TO FIRE STATION	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577052	WF-118-324-F10D	FIRE STATION TO WF-118-150	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577054	WF-118-325-F10D	WF-118-136 TO WF-118-323	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577056	WF-118-326-F10D	WF-118-111 TO WF-118-305	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577058	WF-118-327-C12E	WF-118-201 TO HYDRANT MONITOR	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577060	WF-118-328-F10D	WF-118-152 TO WF-118-329	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577062	WF-118-329-C12E	WF-118-328 TO SPRINKLERS	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577064	WF-118-330-F10E	LINE-4100-013-UM TO WF-118-131	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577066	WF-118-331-C12E	WF-118-133 TO WF-118-008	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577068	WF-118-332-C12E	WF-118-331 TO WF-118-009	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577070	WF-118-333-F10D	WF-118-020 TO WF-118-334	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577072	WF-118-334-C12E	WF-118-333 TO WF-118-007	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577074	WF-118-336-C12E	TIE-IN-028-4700-009-FW TO WF-118-128	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577076	WF-118-337-C12E	WF-118-337-C12E:FIRE WATER	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577078	WF-118-338-F10D	WF-118-338-F10D:FIRE WATER	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577080	WF-118-339-F10D	LINE-WF-118-337 TO END FLANGE	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577083	WF-118-340-C12E	LINE-WF-118-339 TO PUMPS-106-G-001/2	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577085	WF-118-341-C12E	LINE-WF-118-339 TO PUMPS-106-G-004/4	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577087	WF-118-342-C12E	LINE-WF-118-338 TO DIESEL STORAGE AREA	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577089	WF-118-343-C12E	LINE-WF-118-342 TO LINE-WF-118-349	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577091	WF-118-344-C12E	WF-118-344-C12E:FIRE WATER	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577093	WF-118-345-C12E	LINE-WF-118-344 TO MJC-035	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577095	WF-118-346-C12E	LINE-WF-118-344 TO MJC-036	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577097	WF-118-347-C12E	LINE-WF-118-344 TO MJC-037	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577099	WF-118-348-C12E	WF-118-348-C12E:FIRE WATER	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577101	WF-118-349-C12E	WF-118-349-C12E:FIRE WATER	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577103	WF-118-350-C12E	WF-118-350-C12E:FIRE WATER	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577105	WF-118-351-F10D	LINE-WF-118-032 TO LINE-WF-118-337	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577107	WF-118-352-C12E	WF-118-352-C12E:FIRE WATER	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577109	WF-118-353-C12E	WF-118-353-C12E:FIRE WATER	A	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577111	WF-118-354-F10D	LINE-WF-118-301 TO SECURITY BUILDING	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577112	WF-118-355-F10D	LINE-WF-118-301 TO MOSQUE BUILDING	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577115	WF-118-356-C12E	LINE-WF-118-007 TO FIRE PUMP SPRAYS	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577116	WF-118-357-C12E	LINE-WF-118-356 TO PUMP P11 SPRAYS	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577118	WF-118-358-C12E	LINE-WF-118-356 TO PUMP P12 SPRAYS	B	MECH-05	Pipe / Fittings	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310577120	FD-118-001-C12A	TIE-IN-TI-005 TO 4700-T07-FUEL TANK	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310577123	FD-118-002-C12A	FD-118-001 TO 4700-T06-FUEL TANK	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310577125	FD-118-003-C12A	4700-T06 TO DRAIN	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310577127	FD-118-004-C12A	4700-T07 TO DRAIN	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310577128	FD-118-005-C12A	4700-T06 TO VENT	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310577131	FD-118-006-C12A	4700-T07 TO VENT	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310577133	FD-118-007-C12E	FD-118-007-C12E:DIESEL	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310577134	FD-118-008-C12E	FD-118-008-C12E:DIESEL	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310577136	FD-118-009-C12E	FD-118-009-C12E:DIESEL	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310577138	FD-118-010-C12E	FD-118-010-C12E:DIESEL	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310578066	CSW-000-003-C12A	G-015/036(000-Q-002) TO CSW-000-002	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578067	CSW-000-004-C12A	G-016/037(000-Q-003) TO CSW-000-002	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578068	CSW-000-005-C12A	G-019/038(000-Q-004) TO CSW-000-001	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578069	CSW-000-006-C12A	G-014/035(000-Q-001) TO CSW-000-001	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578070	CSW-000-008-C12A	CSW-000-001 TO EFFLUENT TREATMENT CPI	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578071	CSW-000-014-F10A	G-26/027(000-Q-012) TO NEUTRAILISAT SUMP	B	MECH-05	Pipe / Fittings	SANITARY WASTE WATER AREA-000		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310578072	CSW-000-015-C12A	G-017/018(000-Q-010) TO CSW-000-001	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578073	CSW-000-016-C12A	G-024/025(000-Q-011) TO CSW-000-001	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578074	CSW-000-017-C12A	G-041/042(000-Q-015) TO CSW-000-001	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578075	CSW-000-018-C12A	G-039/040(000-Q-014) TO CSW-000-001	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578076	CSW-000-019-C12A	CSW-000-015 TO 000-Q-010	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578077	CSW-000-020-C12A	CSW-000-016 TO 000-Q-011	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578078	CSW-000-021-C12A	CSW-000-014 TO 000-Q-012	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578079	CSW-000-022-C12A	CSW-000-017 TO 000-Q-015	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578080	CSW-000-023-C12A	CSW-000-006 TO 000-Q-001	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578081	CSW-000-024-C12A	CSW-000-003 TO 000-Q-002	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578082	CSW-000-025-C12A	CSW-000-004 TO 000-Q-003	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578083	CSW-000-026-C12A	CSW-000-005 TO 000-Q-004	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578084	CSW-000-027-C12A	CSW-000-018 TO 000-Q-014	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578085	CSW-000-032-C12A	OIL SUMP (1)-000-Q-001 TO GULLEY SUCKER	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578086	CSW-000-033-C12A	OIL SUMP (2)-000-Q-001 TO GULLEY SUCKER	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578087	CSW-000-035-C12A	OIL SUMP (2)-000-Q-002 TO GULLEY SUCKER	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578088	CSW-000-037-C12A	OIL SUMP (2)-000-Q-003 TO GULLEY SUCKER	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578089	CSW-000-047-C12A	FIRE TRAINING TO CSW-000-001	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578090	CS-000-001-S13A-E	ACETIC ACID DRAIN DRUM TO INCINERATOR	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578091	CS-000-002-S13A-E	KS-000-002-S13A-ET:CHEMICAL SEWER	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578092	CS-000-003-S13A-E	KS-UPVC-CIVIL DRAIN TO 000-D-002	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578093	CS-000-004-S13A-E	KS-000-001 TO KS-000-002	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310578094	KS-000-006-C12A	KS-000-006-C12A:CHEMICAL SEWER	B	MECH-05	Pipe / Fittings	SANITARY WASTE WATER AREA-000		Zone 5
	310578095	KS-000-007-C12A	CSW-000-014 TO 000-Q-012	B	MECH-05	Pipe / Fittings	SANITARY WASTE WATER AREA-000		Zone 5
	310578096	SAS-000-001-F10A	000-G-007/8(000-Q-006) TO 000-Q-007	B	MECH-05	Pipe / Fittings	SANITARY WASTE WATER AREA-000		Zone 5
	310578097	SAS-000-002-F10A	000-G-005/6(000-Q-005) TO 000-Q-006	B	MECH-05	Pipe / Fittings	SANITARY WASTE WATER AREA-000		Zone 5
	310578098	SAS-000-003-F10A	000-G-009/10(000-Q-007) TO 000-Q-008	B	MECH-05	Pipe / Fittings	SANITARY WASTE WATER AREA-000		Zone 5
	310578392	SL-111-118-C12A	LINE-SL-111-114 TO DEAERATOR-111-D-001	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578584	WD-114-005-S10A	WD-114-005-S10A:POTABLE WATER	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310578585	WD-114-006-S10A	LINE-WD-114-002 TO LINE-WD-114-009	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310578586	WD-114-007-C12A	TANK-114--F-001 TO GRADE TANK (SWC)	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310578588	WD-114-009-Q10A	LINE-WD-114-006 TO TANK-114-F-001	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310578589	WD-114-030-S10A	LINE-WD-114-020 TO LINE-WD-114-031	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642134	CD-132-004-F10A	LINE CD-132-003 TO EFFLUENT TREATMENT	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642141	SWC-118-001-C12E	DELUGE SKID TO SWC DRAIN	A	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310642142	SWC-118-003-C12E	DELUGE SKID TO SWC DRAIN	A	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310642143	SWC-118-004-C12E	DELUGE SKID TO SWC DRAIN	A	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310642144	SWC-118-005-C12E	DELUGE SKID TO SWC DRAIN	A	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310642145	SWC-118-006-C12E	DELUGE SKID TO SWC DRAIN	A	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310642146	SWC-118-007-C12E	DELUGE SKID TO SWC DRAIN	A	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310642147	SWC-118-008-C12E	DELUGE SKID TO SWC DRAIN	A	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310642190	P-107-013-D32A	LINE-P-101-001 TO FIRE TRAINING AREA	A	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310642298	IA-110-055-C10A	DELUGE SKID-118-XY-021 TO 101-D-001	A	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642301	IA-110-058-C10A	DELUGE SKID-118-XY-023 TO 101-D-002	A	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642335	PA-110-042-C10A	LINE-PA-110-002 TO FIRE TRAINING AREA	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642427	SL-111-140-C12A	LINE-SL-111-011 TO FIRE TRAINING AREA	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642574	WP-113-073-S10A	LINE-WP-113-027 TO FIRE TRAINING AREA	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642603	WD-114-020-S10A	POT WATER SYSTEM TO WD-114-050	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642604	WD-114-021-F10A	LINE-WD-114-027 TO BUILDING	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642605	WD-114-022-S10A	LINE-WD-114-020 TO LINE-WD-114-040	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642606	WD-114-023-S10A	LINE-WD-114-025 TO PTA PLANT	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642607	WD-114-024-S10A	DISTRIBUTION-WD-114-020 TO AROMATICS-WD-	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642608	WD-114-025-S10A	LINE-WD-114-027 TO WD-114-023/WD-114-020	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642609	WD-114-027-S10A	LINE-WD-114-002 TO WD-114-025/WD-114-021	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642610	WD-114-031-S10A	LINE-WD-114-030 TO ACETIC ACID STORAGE	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642611	WD-114-032-S10A	LINE-WD-114-020 TO P-XYLENE STORAGE	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642612	WD-114-033-S10A	LINE-WD-114-020 TO BENZENE STORAGE	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642613	WD-114-036-S10A	LINE-WD-114-030 TO OXYLENE STORAGE	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642614	WD-114-038-S10A	LINE-WD-114-050 TO EFFLUENT TREATMENT	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642615	WD-114-039-F10A	LINE-WD-114-050 TO EAST GATE HOUSE	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642616	WD-114-040-S10A	LINE-WD-114-022 TO CHEMICAL WAREHOUSE	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642617	WD-114-041-F10A	LINE-WD-114-021 TO WEST GATE HOUSES	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642618	WD-114-044-S10A	LINE-WD-130-002 TO LINE-WD-114-002	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642619	WD-114-048-S10A	LINE-WD-114-030 TO PROP & BUT STORAGE	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642620	WD-114-049-S10A	LINE-WD-114-040 TO MAINTENANCE WAREHOUSE	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642621	WD-114-050-S10A	LINE-WD-114-020 TO DISTRIBUTION	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642622	WD-114-051-F10A	LINE-WD-114-021 TO LABORATARY BUILDING	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642623	WD-114-052-F10A	LINE-WD-114-021 TO ADMIN BUILDING	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642624	WD-114-053-F10A	LINE-WD-114-052 TO MOSQUE BUILDING	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642625	WD-114-054-F10A	LINE-WD-114-052 TO BUILDINGS	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642626	WD-114-055-F10A	LINE-WD-114-054 TO PTA WAREHOUSE	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642627	WD-114-056-F10A	LINE-WD-114-021 TO OPERATOR SHELTER	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642628	WD-114-057-F10A	LINE-WD-114-021 TO SUB STATION NO 1	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642629	WD-114-058-F10A	LINE-WD-114-021 TO INNER GATE HOUSE	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642630	WD-114-059-F10A	LINE-WD-114-024 TO CAPS	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642631	WD-114-060-F10A	LINE-WD-114-021 TO RECEIPTION BUILDING	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642632	WD-114-063-S10A	LINE-WD-114-020 TO SAFETY SHOWR CHEM.INJ	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642633	WD-114-064-S10A	LINE-WD-114-027 TO SAFETY SHOWR BFW CHEM	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642634	WD-114-065-S10A	LINE-WD-114-027 TO SAFETY SHOWR P.M.CHE	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642635	WD-114-066-S10A	LINE-WD-114-027 TO SAFETY SHOWR H2SO4 C	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642636	WD-114-067-F10A	LINE-WD-114-070 TO SAFETY SHOWR CAUST S	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642637	WD-114-068-F10A	LINE-WD-114-070 TO SAFETY SHOWR CAUST U	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642638	WD-114-069-F10A	LINE-WD-114-027 TO WD-114-050/WD-114-070	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642639	WD-114-070-F10A	LINE-WD-114-069 TO WD-114-051	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642640	WD-114-071-F10A	LINE-WD-114-052 TO ADMIN BUILDING	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642641	WD-114-072-F10A	LINE-WD-114-070 TO CCR	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642642	WD-114-073-F10A	LINE-WD-114-069 TO SAT MAINT	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642643	WD-114-074-F10A	TI 027-POLY PLANT TO NEW FIRE STATION	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642644	WD-114-075-S10A	LINE-WD-114-050 TO FIRE TRAINING AREA	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642645	WD-114-076-S10A	LINE-WD-114-057 TO SAFETY SHIM SEA WAT.C	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642646	KH-115-002-Q10A	CHEM INJ PKG-115-Y-001 TO LINE-WSS-115-0	C	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310642647	KH-115-003-Q10A	LINE-KH-115-001 TO LINE-WSS-115-001	C	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310642648	KH-115-004-Q10A	LINE-KH-115-003 TO LINE-WSS-115-003	C	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310642649	KH-115-001-Q10A	CHEM INJ PKG-115-Y-001 TO LINE-WSS-115-0	C	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310642650	LO-115-001-S10A	OIL FILTERS-115-GV-001/2 TO TURBINE-115-	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642651	LO-115-002-S10A	TURBINE-115-GS-001 TO OIL TANK-115-GF-00	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642652	LO-115-003-S10A	OIL TANK-115-GF-001 TO OIL PUMP-115-G-00	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642653	LO-115-004-S10A	OIL PUMP-115-G-009 TO OIL TANK-115-GF-00	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642654	LO-115-005-S10A	OIL FILTERS-115-GV-003/4 TO TURBINE-115-	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642655	LO-115-006-S10A	TURBINE-115-GS-002 TO OIL TANK-115-GF-00	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642656	LO-115-007-S10A	OIL TANK-115-GF-002 TO OIL PUMP-115-G-01	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642657	LO-115-008-S10A	OIL PUMP-115-G-019 TO OIL TANK-115-GF-00	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642658	SCL-115-080-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642659	SCL-115-081-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642660	SCL-115-082-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642661	SCL-115-083-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642662	SCL-115-084-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642663	SCL-115-085-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642664	VFL-000-002-C12C	SUMP-000-Q-015 TO VENT TO ATM	C	MECH-05	Pipe / Fittings	PIPING SYSTEM		Zone 5
	310723744	CSW-120-142-F10A	BTX AREAEYE WASHER & SAFETY SHOWER DRAIN	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723746	CSW-120-144-F10A	Chemical Storagearea Eye Washer Safety S	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723752	EWS-120-104-C12A	EWS-120-504-10"-C12A TO Water sampler	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724141	SAS-120-102-UPVC	120-G-107B TO SAS-120-501-2"-UPVC	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724261	WF-120-101-1C	WF-120-118-6"-1C TO 2261-DV-01	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724262	WF-120-102-1C	2261-DV-01 TO WF-120-107-3"-1C	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724263	WF-120-103-1C	2261-DV-01 TO WATER MOTOR ALARM	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724265	WF-120-105-1C	WF-120-106-3"-1C TO 120-F-151 SPRAY NOZ	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724266	WF-120-106-1C	WF-120-107-3"-1C TO 120-F-153 SPRAY NOZZ	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724267	WF-120-107-1C	WF-120-102-4"-1C TO 120-G-153A/B & 120-G	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724268	WF-120-108-1C	WF-120-102-6"-1C TO 120-Y-154 SPRAY NOZZ	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724269	WF-120-109-1C	WF-120-108-4"-1C TO 120-F-156 SPRAY NOZZ	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724270	WF-120-110-1C	WF-120-108-4"-1C TO 120-G-156A/B SPRAY N	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724271	WF-120-111-1C	WF-120-112-2"-1C TO 120-D-154 SPRAY NOZZ	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724272	WF-120-112-1C	WF-120-108-4"-1C TO 120-G-154B SPRAY NOZ	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724273	WF-120-112-F10D	WF-120-117-10"-F10D TO 120-FH-102	A	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724274	WF-120-113-1C	WF-120-108-4"-1C TO 120-G-154A/B & 120-E	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724275	WF-120-113-F10D	WF-120-117-10"-F10D TO REUSE HYDRANT	A	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724277	WF-120-115-F10D	WF-120-114-16"-F10D TO 120-FH-101	A	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724278	WF-120-116-F10D	WF-120-117-10"-F10D TO WF-120-114-16"-F1	A	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724279	WF-120-117-F10D	TIE IN POINT 120-513 TO WF-120-116-16"-F	A	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310724280	WF-120-118-F10D	TIE IN POINT 120-516 TO WF-120-101-6"-1C	A	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724281	WF-120-119-1C	WF-120-112-2"-1C TO 120-G-154A SPRAY NOZ	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724282	WF-120-120-1C	WF-120-112-2"-1C TO 120-D-155 SPRAY NOZZ	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310131421	P-119-038-6"-C12A	119-D-001-DRUM SLOPS TO LINE-P-119-039	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310131991	AS-120-001-2"-N13	Sulphuric Acid supply	B	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310131992	-120-002/003-2"-N	Sulphuric Acid supply to 120F024	B	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310131993	AS-120-004-2"-N13	120-F-024 To 120-G-023/024	B	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310131994	AS-120-005-1"-N11	120-G-023/024 Inlet	B	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310131995	AS-120-006-1"-N13	120-G-023/024 Discharge	B	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310131996	AS-120-007-1"-N13	120-G-023/024 Discharge	B	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310131997	120-001/003-2"-C1	Caustic Inlet To 120-F-023	B	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310131998	CS-120-002-2"-C15	Caustic bypass line to 120-F-023	B	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132000	CS-120-004-2"-C15	120-F-023 to 120-G-021/022	B	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132001	CS-120-005-1"-C15	120-F-023 to 120-G-021/022	B	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132002	-120-006/007-1"-C	120-G-021/022 Discharge	B	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132003	NP-120-007-1"-C12	120G027/028 disharge line	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132004	NP-120-008-1"-C12	120G029 disharge line	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132005	IL-120-001-10"-C12	120-G-009/010 Discharge	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132006	IL-120-002-10"-C12	120-G-009/010 Discharge	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132007	AL-120-003-6"-C12	120-G-009/010 Inlet	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132008	IL-120-004-10"-C12	120-E-002 outlet	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132009	IL-120-005-10"-C12	120-E-009 Outlet	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132010	VW-120-001-8"-C1	PTA Waste water to Tank F001	A	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132011	VW-120-002-8"-C1	120-F-018 TO 120-G-016	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132012	VW-120-003-8"-C1	120-F-019	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132013	/W-120-008-10"-C1	120F001 Outlet	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132014	/W-120-009-10"-C1	120F001 to 120F002	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132015	/W-120-010-10"-C1	120F001 to 120F002 by pass	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132016	/W-120-011-10"-C1	120F002 to 120F003 line	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132017	/W-120-012-10"-C1	120F003 to 120F004 line	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132018	/W-120-013-10"-C1	120F004 to 120F005 line	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132019	/W-120-014-10"-C1	120F005 to 120G005	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132020	/W-120-015-10"-C1	120F005 to 120G015	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132021	VW-120-016-8"-C1	120G005 Discharge line	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132022	VW-120-017-8"-C1	120G006 Discharge line	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132023	/W-120-018-10"-C1	From 120G005/006 to F001	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132024	V-120-044/046-6"-(	120F-018 TO 120-G-016	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132025	V-120-045/047-6"-(	120F-019 TO 120-G-018	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132026	/W-120-048-10"-C1	120-G-016/018 Return to F001	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132027	/W-120-003-10"-C1	120F-016 TO 120-G-015	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132028	VW-120-004-8"-C1	120-G-015 Inlet	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132029	VW-120-005-8"-C1	120-G-016 Inlet	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132030	VW-120-006-6"-C1	120-G-015 To F-018	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132031	V-120-007/008-6"-(	120-G-016 Discharge	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132032	/W-120-009-10"-C1	120-F-016 to 120-F-017	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132033	/W-120-010-10"-C1	120-F-017 to 120-G-018	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132034	VW-120-011-8"-C1	120-G-017 Suction	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132035	VW-120-012-8"-C1	120-G-018 Suction	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132036	VW-120-013-6"-C1	120-G-017 Discharge	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132037	VW-120-014-6"-C1	120-G-018 Discharge	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132038	VW-120-015-6"-C1	120-F-018 Overflow	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132040	VW-120-046-6"-C1	120-G-017 Discharge	A	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132041	VW-120-047-6"-C1	120-G-018 Discharge	D	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	310132045	A-110-001-10"-C10	110-Y-001 TO AA-110-002	A	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132046	A-110-002-12"-C10	AA-110--001 TO AA-110-003	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132047	A-110-003-12"-C10	AA-110-002(110-Y-001) TO AA-110-004	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132048	A-110-004-12"-C10	ATMOSPHERIC AIR	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132049	AA-110-014-8"-C10	AA-110-003 TO AA-110-015	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132050	AA-110-023-8"-C10	AA-110-001 TO 110-D-001	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132051	AA-110-024-8"-C10	AA-110-001 TO 110-D-002	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132052	AA-110-025-2"-C10	110-D-001 TO DRAIN	C	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132053	AA-110-026-2"-C10	110-D-002 TO DRAIN	C	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132054	AA-110-027-4"-C10	110-D-001 TO PSV-001/02	C	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132055	AA-110-030-4"-C10	110-D-001 TO PSV-003/04	C	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132056	D-111-001-2"-C63A	111-B-001 TO 111-D-004	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132057	D-111-002-2"-C63A	111-B-002 TO 111-D-004	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132058	D-111-003-2"-C63A	111-B-003 TO 111-D-004	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132059	D-111-004-8"-C63A	111-B-001 TO BD-111-007	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132060	D-111-005-8"-C63A	111-B-002 TO BD-111-008	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132061	D-111-006-8"-C63A	111-B-003 TO BD-111-009	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132062	D-111-007-8"-C32A	BD-111-004(111-B-001) TO BD-111-014	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132063	D-111-008-8"-C32A	BD-111-005(111-B-002) TO BD-111-014	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132064	D-111-009-8"-C32A	BD-111-006(111-B-003) TO BD-111-014	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132065	D-111-010-8"-C63A	111-B-004 TO BD-111-011	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132066	D-111-011-8"-C32A	BD-111-010 (111-B-004)TO BD-111-014	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132067	D-111-012-2"-C63A	111-B-004 TO111-D-004	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132068	-111-013-16"-C32A	BD-111-014 TO MANIFOLD	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132069	D-111-015-8"-C12A	111-D-005 TO 112-Y-001	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132070	D-111-016-8"-C63A	111-B-001 TO EQUIPMENT DRAIN	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132074	O-108-009-2"-C12A	DIESEL AREA	D	MECH-05	Pipe / Fittings	PETROCHEMICAL UTILITIES FUEL OIL SYSTEM		Zone 5
	310132075	FG-024-8"-C12C	FUEL GAS LINE	C	MECH-05	Pipe / Fittings	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	310132076	G-107-001-30"-D32	DR-107-AD-004 BECHTEL P&ID	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310132080	G-107-007-30"-D12	DR-107-AD-004 P&ID	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310132081	G-107-007-30"-D32	DR-107-AD-004 BECHTEL P&ID	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310132082	G-107-008-10"-D12	DR-107-AD-004 P&ID	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310132083	G-107-012-12"-D12	DR-107-AD-004 P&ID	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310132084	G-107-015-42"-C12	DR-000-LE-405 EAST/WEST CORRIDORE PIPING	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310132085	G-107-017-20"-C12	DR-000-LE-406 EAST/WEST CORRIDORE PIPING	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310132086	G-107-018-2"-C12A	FUEL GAS LINE	D	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310132087	G-107-020-30"-C12	DR-000-LE-410 NORTH /SOUTH CORRIDORE	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310132088	G-107-024-8"-C32	FUEL GAS LINE	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310132089	G-111-001-18"-C12	DR-111-AD-004 P&ID SHT-1	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132090	G-111-002-18"-C12	DR-111-AD-004 P&ID SHT-2	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132091	G-111-003-18"-C12	DR-111-AD-004 P&ID SHT-3	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132092	G-111-004-18"-C12	DR-111-AD-004 P&ID SHT-4	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132093	G-119-014-20"-C12	FLARE PURGE TO HP FLARE SYS 119-AD-06	C	MECH-05	Pipe / Fittings	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	310132094	G-131-001-30"-C12	AROMATICS PG-50-101 TO LINE-PG-107-004	D	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310132095	O-108-009-2"-C12	FD-108-007 TO Aromatic FD-50-001	C	MECH-05	Pipe / Fittings	PETROCHEMICAL UTILITIES FUEL OIL SYSTEM		Zone 5
	310132096	H-130-001-6"-C12C	H-135-001 WEST BAT.LIMIT TO H-50-001AROM	A	MECH-05	Pipe / Fittings	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	310132097	H131-001-2"-C92A	AROM H-51-018 TO PTA PLANT	A	MECH-05	Pipe / Fittings	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	310132100	A-110-001-3"-C10A	AA-110-002 TO DEMIN PLANT	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132101	A-110-003-2"-C10A	AA-110-002 TO N2 PLANT	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132102	A-110-004-2"-C10A	AA-110-002 TO 111-B-001	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132103	A-110-008-2"-C10A	AA-110-004 TO Distribution west	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132104	A-110-010-2"-C10A	AA-110-004 to Effluent treatment plant	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132105	A-110-011-2"-C10A	AA-110-004 to est battery limit metering	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132106	A-110-021-2"-C10A	ATMOSHERIC AIR	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132107	A-110-022-2"-C10A	AA-110-002 TO 111-B-003	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132108	A-110-023-2"-C10A	AA-110-002 TO 111-B-004	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132109	A-110-042-2"-C10A	AA-110-002 TO 111-D-002	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132110	A-110-044-2"-C10A	IA-110-005- T0 Distribution	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132111	A-110-047-2"-C10A	IA-110-044 TO DISTRIBUTION	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132112	AS-123-04/05-N11	KAS-123-006 TO 123-G-005	D	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310132113	AS-123-07/022-N11	123-G-005 TO KAS-123-022	D	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310132114	-124-03/04-4"-C15	Caustic System	D	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310132115	-124-05/06-4"-C15	124-G-03/04 TO KCS-124-006/DISTRIBUTION	D	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310132118	P-107-008-8"-D32A	FG-107-004 TO 107-PSV-004	D	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310132119	P-130-004-2"-C12A	WP-130-002 TO TANK 113-F-001	D	MECH-05	Pipe / Fittings	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	310132122	P-130-023-2"-C12A	P-130-004 TO P-130-007	D	MECH-05	Pipe / Fittings	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	310132126	A-110-001-2"-C10	PA-110-020 TO UTY DISTRIBUTION	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132127	A-110-002-2"-C10	PA-110-001 To West side Distribution	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132128	A-110-004-2"-C10	PA-110-001 TO PA-110-002	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132129	A-110-008-1"-N11	PA-110-007 TO 123-D-008	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132130	A-110-027-2"-C10	PA-110-003 TO Distribution	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132131	A-110-038-2"-C10	PA-110-027 TO DISTRIBUTION	D	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310132137	CL-109-001-2"-C10	N2 Package 109-Y-001 to scl-111-112	D	MECH-05	Pipe / Fittings	NITROGEN SYSTEM AREA-109		Zone 5
	310132138	L-111-001-16"-S10A	111-F-001 COND.TK TO SCL-111-016	A	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132139	L-111-003-2"-C12A	STEAM CONDENSATE LINE	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132140	L-111-005-10"-S10A	Deareator pump 111-G-002 to scl-111-008	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132141	L-111-008-10"-S10A	SCL-111-007(111-G-003)-TO SCL-111-011	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132142	L-111-009-6"-S10A	SCL-111-008 TO 111-FV-001	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132143	L-111-011-10"-S10A	SCL-111-011 TO 111-D-002 Deareator	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310132144	L-111-017-10"-C12A	1111-D-008 TO Cond.pump 1111-G-007	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132145	L-111-018-10"-C12A	SCL-111-017 TO Cond.pump 1111-G-008	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132146	L-111-019-6"-C12A	Cond.pump 1111-G-007 to 111-FV-005	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132147	L-111-020-6"-C12A	Cond.pmp 1111-G-008 TO LINE SCL-111-019	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132148	L-111-028-24"-C12A	111-F-001cond.tk to cleanstorm wtr drain	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132149	L-111-031-16"-C12A	scl-111-032/scl-111-117 to 111-F-001	A	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132150	L-111-068-10"-C12A	SCL-111-060 TO SCL-111-073	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132151	L-111-069-14"-C12A	111-PV-052 TO 111-D-008	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132152	CL-111-107-8"-C12A	scl-115-003 to scl-111-110	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132153	111-110/111-16"-C	SCL-131-006 TO Deareator111-D-001	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132154	CL-111-110-16"-C12	SCL-131-006 TO Deareator 111-D-001	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132155	L-111-112-06"-C12A	scl-111-023(111-LV-005) to scl-111-031	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132156	CL-115-003-3"-C12	scl-115-001 to scl-111-017	D	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310132158	-111-001-36"-C63A	End flange to SH-111-021	A	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132159	-111-002-16"-C63A	Boiler 111-B-001 to SH-111-001	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132160	-111-003-16"-C63A	Boiler 111-B-002 to SH-111-001	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132161	-111-004-16"-C63A	Boiler 111-B-003 to SH-111-001	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132162	-111-0044-16"-C63	Boiler 111-B-004 to SH-111-001	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132163	-111-005-14"-C63A	SH-111-001 to 111-PV-008A	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132164	-111-006-14"-C63A	SH-111-001 to 111-PV-008B	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132165	-111-002-24"-C12A	SL-111-102/103 TO SL-111-017/011	A	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132166	-111-018-12"-C12A	CBD 111-D-004 TO SL-111-002	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132167	-111-052-18"-C12A	SL-111-002 TO 111-PV-040A	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132168	-111-102-16"-C63A	STEAM CONDENSATE LINE	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132169	-111-103-16"-C63A	STEAM CONDENSATE LINE	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132170	-111-031-36"-C12A	End flange to SLL-117-001	A	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132171	-111-038-12"-C12A	Boiler 111-B-001 to SLL-111-031	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132172	-111-039-12"-C12A	Boiler 111-B-002 to SLL-111-031	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132173	-111-040-12"-C12A	Boiler 111-B-003 to SLL-111-031	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132174	-111-051-30"-C12A	SLL-111-031 to SLL-111-081	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132175	-111-053-20"-C12A	111-PV-040A TO SLL-111-031	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132176	-111-060-24"-C12A	STEAM CONDENSATE LINE	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132177	-111-081-24"-C12A	SLL-111-080 to End cap	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132178	-111-120-12"-C12A	Boiler 111-B-004 to SLL-111-031	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132179	-111-122-20"-C12A	111-PV-040B TO SLL-111-053	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132180	1-111-002-24"-C32A	End flange to SM-111-068	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132181	1-111-003-12"-C32A	SM-111-002 toSM- 111-059	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132182	1-111-004-12"-C32A	SM-111-002 toSM- 111-060	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132183	A-111-034-2"-C32A	SM-111-002 to Boiler 111-B-001	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132185	A-111-035-2"-C32A	SM-111-002 to Boiler 111-B-002	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132186	A-111-036-2"-C32A	SM-111-002 to Boiler 111-B-003	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132187	1-111-055-14"-C63A	111-PV-008A to SM-111-002	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132188	1-111-056-14"-C63A	111-PV-008B to SM-111-002	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132189	1-111-059-12"-C63A	SM-111-003 to 111-PV-010A	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132190	1-111-060-12"-C63A	SM-111-004 to 111-PV-010B	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132191	A-111-065-2"-C32A	SM-111-002 to Boiler 111-B-004	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132192	F-111-002-20"-C12	WBF-111-042 (111-D-002 to end flange	A	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132193	F-111-002-20"-C63	STEAM CONDENSATE LINE	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132194	F-111-006-12"-C12	WBF-111-002 to BFW pump 111-G-006	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132195	F-111-009-10"-C63	BFW pump 111-G-006 to WBF-111-010	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132196	F-111-010-20"-C12	STEAM CONDENSATE LINE	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132197	3F-111-013-4"-C63A	BFW pump 111-G-006 to 111-D-001	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132198	F-111-016-10"-C63	W BF-111-010 TO BOILER 111-B-001	A	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132199	F-111-016-12"-C63	W BF-111-010 TO BOILER 111-B-001	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132200	F-111-017-10"-C63	W BF-111-010 TO BOILER 111-B-002	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132201	F-111-018-10"-C63	W BF-111-010 TO BOILER 111-B-003	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132202	3F-111-022-4"-C63A	WBF-111-021 to Aromatic WBF-50-001	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132203	3F-111-037-4"-C63A	WBF-111-012 to 11-D-002 Deareator	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132204	F-111-041-18"-C12	111-D-002 Deareator to 111-WBF-002	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132205	F-111-042-18"-C12	111-D-002 Deareator to 111-WBF-002	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132206	3F-111-043-4"-C63A	BFW pump111-G-009 to 111-D-002	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132207	3F-111-044-4"-C63A	WBF-111-043 TO 111-D-001	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132208	F-111-046-10"-C63	BFW pump 111-G-009 to WBF-111-010	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132209	3F-111-050-3"-C12A	111-D-001 TO 111-D-002 Deareator	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132210	3F-111-35-24"-C12A	STEAM CONDENSATE LINE	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132242	FR-111-001-6"-C12	111-Y-001 TO WFR-110-002	D	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310132243	FR-115-009-4"-C12	WFR-115-008 TO WFR-116-012	D	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310132244	FR-116-002-72"-C1	WFR-116-110 TO 116-G-001	C	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132245	FR-116-003-72"-C1	WFR-116-110 TO 116-G-002 PUMP	C	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132246	FR-116-004-72"-C1	WFR-116-110 TO 116-G-003 PUMP	C	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132247	FR-116-012-14"-C1	115-G-001 STM TURB TO WFR-116-018	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132248	FR-116-013-10"-C1	STM TURB 117-G-001 TO WFR-116-020	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132249	FR-116-014-14"-C1	116-G-001 STM.TURB TO WFR-116-020	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132250	FR-116-016-14"-C1	116-G-002STM TURB TO WFS-116-020	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132251	FR-116-017-14"-C1	115-G-002 STM TURB TO WFR-116-018	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132252	FR-116-105-2"-C12	116-GE-010 GLAND COND TO WFR-116-122	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132253	FR-116-110-84"-C1	WFR-116-011 TO WFR-116-004 PMP116-G-003	C	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132254	FR-116-110--84"-C1	WFR-116-011 TO WFR-116-004 PUMP116-G-003	C	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132255	FR-116-111-2"-C12	116-GE-009 GLAND COND TO WFR-116-128	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132256	FR-116-112-3"-C12	116-GE-007 OIL COOLER TO WFR-116-014	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132257	FR-116-118-3"-C12	116-GE-003/04 INTER COOLR TO WFR-116-128	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132258	FR-116-122-4"-C12	WFR-116-106 116-GE-08 CLR TO WFR-116-016	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132259	FR-116-124-3"-C12	116-GE-005/06 INTER COOLR TO WFR-116-122	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132260	FR-116-128-4"-C12	WFR-116-112 TO WFR-116-014	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132261	FR-117-001-2"-C12	115-GE-005 GLAND COND TO WFR-117-014	D	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310132265	FR-117-011-3"-C12	117-GE-003/04COND TO HEADER WFR-117-014	D	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310132266	FR-117-014-3"-C12	HEADER TO WFR-116-013(117-G-001 STM TURB	D	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310132267	FR-117-020-3"-C12	117-GE-004 OIL COOLER TO WFR-116-013	D	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310132268	FS-115-009-4"-C12	Header WFS-116-065 TO WFS-115-008	D	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310132269	FS-116-001-56"-C1	HEADER WFS-116-121 TO TURB. WFS-116-004	C	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132270	FS-116-002-36"-C1	COOLING WATER LINE	C	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132271	FS-116-002-56"-C1	116-G-002 TO WFS-116-004	C	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132272	FS-116-003-56"-C1	116-G-003 TO WFS-116-004	C	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132273	FS-116-004-84"-C1	WFS-116-001 TO WFS-116-006	B	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132274	FS-116-004--84"-C1	COOLING WATER LINE	C	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132275	FS-116-006-60"-C1	WFS-116-004 TO WFS-116-007	B	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132276	FS-116-007-48"-C1	WFS-116-006 TO WFS-116-102	B	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132277	FS-116-012-60"-C1	WFS-116-004 TO WFS-116-017	B	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132278	FS-116-065-14"-C1	WFS-116-074 TO 115-GE-001 COND	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132279	FS-116-066-10"-C1	WFS-116-009 TO 117-GE-001 CONDENSOR	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132280	FS-116-068-8"-C12	WFS-116-050 TO 111-Y-001 BOILER PACK	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132281	FS-116-073-14"-C1	WFS-116-009 TO 116-GE-002 COND	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132282	FS-116-075-14"-C1	WFS-116-074 TO 115-GE-002 COND	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132283	FS-116-081-3"-C12	116-G-01/2/3 TO TANK 116-F-001	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132284	FS-116-082-3"-C12	116-F-001 TO OVERFLOW	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132285	FS-116-084-2"-C12	116-G-011/012 TO WFR-116-002	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132286	FS-116-104-36"-C1	WFS-116-017 TO WFS-116-100 (116-E-001/T)	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132287	FS-116-110-2"-C12	WFS-116-121 TO 116-GE-010 GLAND COND	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132288	FS-116-111-3"-C12	WFS-116-067 TO 116-GE-007 OIL COOLER	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132289	FS-116-112-2"-C12	WFS-116-117 TO 116-GE-009 GLAND COND.	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132290	FS-116-117-4"-C12	WFS-116-067(116-GE-001) TO WFS-116-111	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132291	FS-116-118-3"-C12	WFS-116-117 TO 116-GE-03/04 CONDENSOR	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132292	FS-116-119-3"-C12	WFS-116-014 TO 116-GE-005/06 COND.	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132293	FS-116-121-4"-C12	WFS-116-073 TO WFS-116-113	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132294	FS-116-67-14"-C12	WFS-116-009 TO 116-GE-001 CONDENSOR.	D	MECH-05	Pipe / Fittings	COOLING WATER SYSTEM AREA-116		Zone 5
	310132297	FS-117-005-2"-C12	WFS-117-007 TO 117-GE-005 GLAND COND	D	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310132298	FS-117-006-3"-C12	WFS-117-007 TO 117-GS-004 TURBINE	D	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310132299	FS-117-007-3"-C12	WFS-116-066 (117-GE-001 COND) TO HEADER	D	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310132300	FS-117-011-3"-C12	WFS-116-066 TO OIL COOLER 117-GE-004	D	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310132301	RR-117-001-42"-C1	WRR-117-017 TO WRR -117-021	C	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310132302	RR-117-002-56"-C1	WRR-117-021 TO 117-G-002 PUMP	C	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310132303	RR-117-003-56"-C1	WRR-117-021 TO 117-G-001 PUMP	C	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310132304	RR-117-021-56"-C1	WRR-017-001 TO WRR-117-003(117-G-001	C	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310132305	S-117-006-42"-C12	WRS-117-017 TO WRS-117-023	C	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310132306	RS-117-01-42"-C12	117-G-002 PUMP TO WRS-117-003	C	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310132309	RS-117-02-42"-C12	117-G-001 PUMP TO WRS-117-003	D	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310132310	RS-117-031-3"-C12	117-G-001/02 PUMP BUSHES TO 117-F-001	D	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310132311	RS-117-033-3"-C12	TANK 117-F-001 TO PUMPS 117-G-007/8	D	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310132312	RS-117-03-42"-C12	WRS-117-001(117-G-002) TO WRS-117-016	D	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310420458	G-107-001-30"-D12	FG-107-001-30"-D12A:PROCESS PIPE	A	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310420459	D-108-006-3"-C12A	FD-108-006-3"-C12A:PROCESS PIPE	A	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310420460	D-108-008-2"-C12A	FD-108-008-2"-C12A:PROCESS PIPE	A	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310420461	N-109-001-4"-C32A	N-109-001-4"-C32A:PROCESS PIPE	A	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310420462	N-109-005-10"-C12	N-109-005-10"-C12A:PROCESS PIPE	A	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310420463	AS-123-020-2"-N11	KAS-123-020-2"-N11A:PROCESS PIPE	A	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310420464	S-124-006-4"-C15A	KCS-124-006-4"-C15A-ET:PROCESS PIPE	A	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310420465	F-111-010-20"-C63	WBF-111-010-20"-C63A-H:PROCESS PIPE	A	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310572354	LPC-3229BBR	100-T141 TO LPC-3216	B	MECH-10	Pipe / Fittings	PIPING SYSTEM		Zone 5
	310572552	BFW-2000EBB	BFW-2000 TO MPS-3510	B	MECH-50	Pipe / Fittings	PIPING SYSTEM		Zone 5
	310576399	WRR-131-001-Q12(	AROMATICS-WRR-50-004 TO LINE-WRR-117-020	B	MECH-05	Pipe / Fittings	CHILLER B AREA117		Zone 5
	310576401	WFR-131-001-Q12(	AROMATICS-WFR-50-004 TO LINE-WFR-116-011	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310576403	WFR-131-002-Q12(	AROMATICS-WFR-50-002 TO LINE-WFR-116-108	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310576405	FG-131-002-C12C	LINE-FG-107-017 TO VFH-131-002	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310576407	CD-131-001-F10A	CD-131-001-F10A:CLSD DRN (PROC. HCARBON)	B	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310576409	WSS-130-001-F10E	ROYAL COMMISSION TO FV-006-WSS-130-006	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310576411	WSS-130-006-F10E	WSS-130-006-F10E:SEA WATER COOLNG SUPPLY	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310576415	WP-130-002-S10A	130-WP-001 TO 130-WP-004(LV-001)	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310576417	WP-130-004-S10A	LINE-WP-130-002 TO TANK-113-F-001	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310576419	WD-130-001-F10A	ROYAL COMMISSION TO WD-130-002	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310576421	WD-130-002-S10A	WD-130-001 TO LV-001	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310576423	CS-124-001-C15A-E	ROAD TANKER TO PUMP-124-G-001	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576425	CS-124-002-C15A-E	PUMP-124-G-001 TO TANK-124-F-001	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576427	CS-124-003-C15A-E	TANK-124-F-001 TO PUMP-124-G-003	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576429	CS-124-004-C15A-E	KCS-124-003 TO PUMP-124-G-004	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576431	CS-124-005-C15A-E	PUMP-124-G-004 TO DISTRIBUTION	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576433	CS-124-006-C15A-E	TANK-124-F-001 TO PUMP-124-G-003	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576435	CS-124-007-C15A-E	KCS-124-006 TO TANK-124-F-001	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576437	KCS-124-008-C15A	TANK-124-F-001 TO DRAIN	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576439	KCS-124-009-C15A	KCS-124-006 TO DRAIN	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576441	KCS-124-010-C15A	124-G-004 TO DRAIN	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576443	KCS-124-011-C15A	124-G-004 TO DRAIN	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576445	KCS-124-012-C15A	KCS-124-F-005 TO DRAIN	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576447	KCS-124-013-C15A	124-G-003 TO DRAIN	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576449	KCS-124-014-C15A	KCS-124-003 TO DRAIN	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576451	KCS-124-015-C15A	KCS-124-002 TO DRAIN	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576453	KCS-124-016-C15A	124-G-001 TO DRAIN	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576455	KCS-124-017-C15A	KCS-124-001 TO DRAIN	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576457	KCS-124-018-C15A	KCS-124-001 TO DRAIN	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576459	CS-124-020-C15A-E	KCS-124-006 TO DEMIN PLANT -112-Y-001	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576461	CS-124-023-C15A-E	KCS-124-006 TO EFFLUENT TREATMENT PLANT	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576463	KCS-124-024-C15A	PSV-001 TO DRAIN	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576465	KCS-124-030-C15A	FLUSHING CONNECTION TO CHEMICAL SEWER	B	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310576467	KAS-123-001-N11A	TANKER TO 123-G-007/8	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576469	KAS-123-002-N11A	123-G-007/8 TO 123-D-001	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576471	KAS-123-003-N11A	123-D-001 TO DRAIN	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576473	KAS-123-004-N11A	KAS-123-006 TO 123-G-005	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576475	KAS-123-005-N11A	KAS-123-004 TO 123-G-006	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576477	KAS-123-006-N11A	123-D-001 TO PUMPS-005/6 & DEMIN UNIT	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576479	KAS-123-007-N11A	123-D-005 TO KAS-123-022	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576481	KAS-123-008-N11A	KAS-123-007 TO 123-D-001	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576483	KAS-123-009-N11A	123-D-001 TO DRAIN	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576485	KAS-123-010-N11A	KAS-123-001 TO DRAIN	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576487	KAS-123-011-N11A	KAS-123-001 TO DRAIN	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576489	KAS-123-012-N11A	123/G-007/8 TO DRAIN	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576491	KAS-123-013-N11A	KAS-123-002 TO DRAIN	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576493	KAS-123-014-N11A	KAS-123-004 TO DRAIN	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576495	KAS-123-015-N11A	123-G-005 TO DRAIN	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576497	KAS-123-016-N11A	KAS-123-007 TO DRAIN	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576499	KAS-123-017-N11A	KAS-123-005 TO DRAIN	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576501	KAS-123-018-N11A	123-G-006 TO DRAIN	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576503	KAS-123-019-N11A	KAS-123-022 TO DRAIN	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576505	KAS-123-020-N11A	KAS-123-006 TO DEMIN PLANT -112-Y-001	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576507	KAS-123-021-N11A	TANK BUND RUNDISH TO BUND DRAIN	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576509	KAS-123-022-N11A	123-G-005/6 TO 120-Y-001 EFF. TREAT	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576511	KAS-123-028-N11A	WATER FLUSH CONNECTION TO CHEMICAL SEWER	B	MECH-05	Pipe / Fittings	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310576513	WRR-120-001-C12E	EFF TREAT PK TO LINE-WRR-117-017	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310576515	VFL-120-001-C12C	EFF TREAT PLANT TO VFL-120-002	B	MECH-05	Pipe / Fittings	EFFLUENT STORAGE AREA-120		Zone 5
	310576517	VFL-120-002-D12A	VFL-120-001 TO VFL-131-002	B	MECH-05	Pipe / Fittings	EFFLUENT STORAGE AREA-120		Zone 5
	310577140	WSS-117-001-F10E	LINE-WSS-115-012 TO CHILLER PK TRAIN 1	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577143	WSS-117-002-F10E	LINE-WSS-115-012 TO CHILLER PK TRAIN 2	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577145	WSS-117-003-F10E	LINE-WSS-117-001 TO STRAINER-117-V-001	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577147	WSS-117-004-F10E	STRAINER-117-V-001 TO LINE-WSS-117-006	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577149	WSS-117-005-F10E	LINE-WSS-117-001 TO STRAINER-117-V-002	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577151	WSS-117-006-F10E	STRAINER-117-V-002 TO STRAINER-117-V-001	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577153	WSS-117-007-F10E	LINE-WSS-117-V-002 TO STRAINER-117-V-003	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577155	WSS-117-008-F10E	STRAINER-117-V-003 TO LINE-WSS-117-V-010	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577157	WSS-117-009-F10E	LINE-WSS-117-V-002 TO STRAINER-117-V-004	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577159	WSS-117-010-F10E	STRAINER-117-V-004 TO LINE-WSS-117-V-002	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577160	WSS-117-011-F10E	117--V-001-DRAIN TO SWC DRAIN	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577162	WSS-117-012-F10E	117--V-002-DRAIN TO SWC DRAIN	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577164	WSS-117-013-F10E	117--V-003-DRAIN TO SWC DRAIN	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577166	WSS-117-014-F10E	117--V-004-DRAIN TO SWC DRAIN	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577176	WSR-117-007-F10E	STRAINER-117-V-001 TO LINE-WSR-117-011	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577178	WSR-117-008-F10E	STRAINER-117-V-002 TO LINE-WSR-117-011	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577180	WSR-117-009-F10E	STRAINER-117-V-003 TO LINE-WSR-117-012	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577183	WSR-117-010-F10E	STRAINER-117-V-004 TO LINE-WSR-117-012	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577185	WSR-117-011-F10E	LINE-WSR-117-008 TO LINE-115-001	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577186	WSR-117-012-F10E	LINE-WSR-117-010 TO LINE-115-001	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577188	WRS-117-001-C12E	PUMP-117-G-002 TO LINE-WRS-117-003	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577190	WRS-117-002-C12E	PUMP-117-G-001 TO LINE-WRS-117-003	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577192	WRS-117-003-C12E	LINE-WRS-117-001 TO LINE-WRS-117-016	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577195	WRS-117-006-C12E	LINE-WRS-117-017 TO LINE-WRS-117-023	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577197	WRS-117-010-C12E	LINE-WRS-117-013 TO PTA PLANT	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577199	WRS-117-011-C12E	LINE-WRS-117-013 TO LINE-WRS-117-039	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577201	WRS-117-013-C12E	LINE-WRS-117-006 TO LINE-WRS-117-010	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577203	WRS-117-015-C12E	LINE-WRS-117-003 TO CHILLED PK TRAIN 1	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577205	WRS-117-016-C12E	LINE-WRS-117-003 TO CHILLED PK TRAIN 2	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577207	WRS-117-017-C12E	CHILLED PK TRAIN 1 TO LINE-WRS-117-006	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577209	WRS-117-018-C12E	CHILLED PK TRAIN 2 TO LINE-WRS-117-006	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577211	WRS-117-019-Q12(	LINE-WRS-117-020 TO AROMATICS-WRS-50-003	B	MECH-05	Pipe / Fittings	CHILLER B AREA117		Zone 5
	310577213	WRS-117-024-C12E	WRS-117-024-C12B:CHILLED WATER SUPPLY	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577215	WRS-117-025-C12E	LINE-WRS-117-013 TO INCINEATOR-121-Y-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577217	WRS-117-027-C12E	WRS-117-027-C12B:CHILLED WATER SUPPLY	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577219	WRS-117-031-C12E	WRS-117-031-C12B:CHILLED WATER SUPPLY	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577221	WRS-117-032-C12E	TANK-117-F-001 TO OVERFLOW	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577223	WRS-117-033-C12E	TANK-117-F-001 TO PUMPS-117-G-007-8	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577225	WRS-117-034-C12E	PUMPS-117-G-007-8 TO LINE-WRR-117-002	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577227	WRS-117-036-C12E	WRS-117-036-C12B:CHILLED WATER SUPPLY	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577228	WRS-117-037-C12E	WRS-117-037-C12B:CHILLED WATER SUPPLY	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577231	WRS-117-038-C12E	LINE-WRS-117-011 TO PTA BAGGING WARSCHLS	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577232	WRS-117-039-Q12(	LINE-WRS-117-011 TO LINE-WRS-117-040	B	MECH-05	Pipe / Fittings	CHILLER B AREA117		Zone 5
	310577234	WRS-117-040-C12E	LINE-WRS-117-039 TO LINE-WRS-117-041	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577236	WRS-117-041-C12E	WRS-117-041-C12B:CHILLED WATER SUPPLY	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577238	WRR-117-001-C12E	LINE-WRR-117-017 TO LINE-WRR-117-011	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577240	WRR-117-002-C12E	LINE-WRR-117-021 TO PUMP-117-G-002	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577242	WRR-117-003-C12E	LINE-WRR-117-021 TO PUMP-117-G-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577244	WRR-117-004-S10A	LINE-WRR-117-019 TO EXP VESSEL-117-D-001	B	MECH-05	Pipe / Fittings	CHILLER WATER CIRC. PUMP AREA-117		Zone 5
	310577246	WRR-117-017-F10(	LINE-WRR-120-001 TO LINE-WRR-117-001	B	MECH-05	Pipe / Fittings	CHILLER B AREA117		Zone 5
	310577248	WRR-117-019-C12E	LINE-WRR-132-001 TO LINE-WRR-117-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577251	WRR-117-020-C12E	LINE-WRR-131-001 TO LINE-WRR-117-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577253	WRR-117-021-C12E	LINE-WRR-117-001 TO LINE-WRR-117-003	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577255	WRR-117-025-C12E	117-D-001 TO OVERFLOW	B	MECH-03	Pipe / Fittings	PIPING SYSTEM		Zone 5
	310577257	WFS-117-001-C12E	LINE-WFS-116-009 TO CHILLER PK TRAIN 1	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577259	WFS-117-002-C12E	LINE-WFS-116-009 TO CHILLER PK TRAIN 2	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577261	WFS-117-003-C12E	LINE-WFS-117-001 TO CHILLER PK TRAIN 1	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577263	WFS-117-004-C12E	LINE-WFS-117-002 TO CHILLER PK TRAIN 2	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577265	WFS-117-005-C12E	WFS-117-005-C12B:CHILLED WATER SUPPLY	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577267	WFS-117-006-C12E	HEADER-WFS-117-007 TO TURBINE-117-GE-004	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577269	WFS-117-007-C12E	HEADER-WFS-116-066 TO HEADER	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577271	WFS-117-008-C12E	HEADER-WFS-117-007 TO CONDENSERS	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577273	WFS-117-009-C12E	HEADER-WFS-117-007 TO TURBINE-117-GE-006	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577275	WFS-117-010-C12E	HEADER-WFS-117-007 TO TURBINE-117-GE-003	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577277	WFS-117-011-C12E	WFS-117-011-C12B:CHILLED WATER SUPPLY	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577279	WFR-117-001-C12E	WFR-117-001-C12B:CHILLED WATER RETURN	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310577281	WFR-117-002-C12E	TURBINE-117-GE-004 TO HEADER-WFR-117-014	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577283	WFR-117-003-C12E	CHILLER PK TRAIN 1 TO LINE-WFR-116-019	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577285	WFR-117-004-C12E	CHILLER PK TRAIN 2 TO LINE-WFR-116-019	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577287	WFR-117-005-C12E	CHILLER PK TRAIN 1 TO LINE-WFR-117-003	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577289	WFR-117-006-C12E	CHILLER PK TRAIN 2 TO LINE-WFR-117-004	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577291	WFR-117-007-C12E	TURBINE-117-GE-003 TO HEADER-WFR-117-014	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577293	WFR-117-008-C12E	TURBINE-117-GE-006 TO HEADER-WFR-117-014	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577295	WFR-117-009-C12E	TURBINE-116-GE-013 TO 115-PSV-002-RELIEF	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577297	WFR-117-010-C12E	117-PSV-002-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577299	WFR-117-011-C12E	WFR-117-011-C12B:CHILLED WATER RETURN	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577301	WFR-117-012-C12E	LINE-WFR-117-011 TO 117-PSV-003-RELIEF	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577303	WFR-117-013-C12E	117-PSV-003-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577305	WFR-117-014-C12E	HEADER TO HEADER-WFR-116-013	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577307	WFR-117-016-C12E	LINE-WFR-117-014 TO 117-PSV-004-RELIEF	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577309	WFR-117-017-C12E	117-PSV-004-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577311	WFR-117-018-C12E	LINE-WFR-117-001 TO 117-PSV-001-RELIEF	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577313	WFR-117-019-C12E	117-PSV-001-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577315	WFR-117-020-C12E	WFR-117-020-C12B:CHILLED WATER RETURN	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577317	SM-117-001-C32A	HEADER-SM-111-063 TO CHILLER TRAIN 1	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577319	SM-117-002-C32A	HEADER-SM-111-063 TO CHILLER TRAIN 2	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577321	SM-117-003-C32A	SM-117-003-C32A:MP STEAM	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577323	SM-117-005-C32A	HEADER-SM-111-032 TO TURBINE-117-GS-003	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577325	SM-117-006-C32A	HEADER-SM-111-032 TO TURBINE-117-GS-004	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577327	SM-117-007-C32A	SM-117-007-C32A:MP STEAM	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577329	SM-117-008-C32A	LINE-SM-111-032 TO TURBINE-117-GS-006	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577331	SM-117-009-C32A	LINE-SM-111-032 TO SEAL STEAM UNIT	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577333	SLL-117-001-C12A	LINE-SLL-115-003 TO LINE-SLL-111-031	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577335	SLL-117-002-C12A	TURBINE-117-GS-006 TO LINE-SLL-117-001	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577337	SLL-117-003-C12A	LINE-SLL-117-001 TO CHILLER PACK TRAIN 1	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577339	SLL-117-004-C12A	LINE-SLL-117-001 TO CHILLER PACK TRAIN 2	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577341	SLL-117-005-C12A	LINE-SLL-117-003 TO 117-Y-001-TRAIN 1	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577343	SLL-117-006-C12A	LINE-SLL-117-004 TO 117-Y-001-TRAIN 2	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577345	SLL-117-011-C12A	EJECTOR-117-GH-004 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577347	SLL-117-012-C12A	SEAL STEAM UNIT SRV TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577349	SLL-117-013-C12A	EJECTOR 1 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577351	SLL-117-014-C12A	EJECTOR 2 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577353	SLL-117-015-C12A	EJECTOR 3 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577355	SLL-117-016-C12A	EJECTOR 4 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577357	SLL-117-017-C12A	SURF.COND-117-GE-001 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577359	SLL-117-018-C12A	SLL-117-018-C12A:LLP STEAM	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577361	SLL-117-019-C12A	HOG.EJECTOR-117-GH-001 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577363	SLL-117-020-C12A	TURBINE-117-GS-004 TO LINE-SLL-117-002	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577365	SLL-117-027-C12A	CONDENSERS-117-GE-004 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577367	SLL-117-035-C12A	TURBINE-117-GS-003 TO LINE-SLL-117-002	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577369	SLL-117-036-C12A	TURBINE-117-GS-006 TO LINE-SLL-117-002	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577371	SLL-117-037-C12A	RELIEF LINE-117-PSV-006 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577373	SLL-117-038-C12A	RELIEF LINE-117-PSV-007 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577375	SLL-117-039-C12A	RELIEF LINE-117-PSV-005 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577377	SLL-117-044-C12A	LINE-SLL-117-035 TO 117-PSV-006	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577379	SLL-117-045-C12A	LINE-SLL-117-020 TO 117-PSV-007	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577381	SLL-117-046-C12A	LINE-SLL-117-036 TO 117-PSV-005	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577383	SLL-117-047-C12A	SEAL STEAM UNIT TO SURF.COND-117-GE-001	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577385	SH-117-001-C63A	AM-111-016 TO CHILLER PKG TRAIN 1	B	MECH-05	Pipe / Fittings	CHILLER B AREA117		Zone 5
	310577387	SH-117-002-C63A	AM-111-016 TO CHILLER PKG TRAIN 2	B	MECH-05	Pipe / Fittings	CHILLER B AREA117		Zone 5
	310577389	SCL-117-001-C12A	TURBINE-117-YS-001 TO LINE-SCL-111-107	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577391	SCL-117-002-C12A	TURBINE-117-YS-002 TO LINE-SCL-111-107	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577393	SCL-117-003-C12A	SCL-117-003-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577395	SCL-117-007-C12A	T&T VALVE-117-GS-001 TO SWC DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577397	SCL-117-008-C12A	T&T VALVE-117-GS-001 TO SWC DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577399	SCL-117-009-C12A	T&T VALVE-117-GS-001 TO SWC DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577401	SCL-117-010-C12A	T&T VALVE-117-GS-001 TO SWC DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577403	SCL-117-012-C12A	GLAND COND-117-GE-005 TO SWC DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577405	SCL-117-014-C12A	SURF.COND-117-GE-001 TO LINE-SCL-111-115	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577407	SCL-117-015-C12A	LINE-SCL-117-014 TO COND.PUMP-117-G-003	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577409	SCL-117-016-C12A	SCL-117-016-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577412	SCL-117-019-C12A	SCL-117-019-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577414	SCL-117-020-C12A	TURBINE-117-GS-006 TO SWC DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577416	SCL-117-021-C12A	LINE TRAP SP-073 TO SWC DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577418	SCL-117-022-C12A	TURBINE-117-GS-004 TO SWC DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577420	SCL-117-023-C12A	TURBINE-117-GS-003 TO SWC DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577422	SCL-117-024-C12A	ANGLE VALVE-117-GE-001 TO SWC DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577424	SCL-117-025-C12A	GOVERNOR-117-GS-004 TO SWC DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577426	SCL-117-026-C12A	GOVERNOR-117-GS-003 TO SWC DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577428	SCL-117-027-C12A	PUMP-117-G-0083 TO LINE-SCL-117-019	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577430	SCL-117-028-C12A	SCL-117-028-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577432	SCL-117-029-C12A	SCL-117-029-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577434	SCL-117-030-C12A	SCL-117-030-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577436	SCL-117-031-C12A	117-Y-001 TRAIN 1 TO SWC DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577438	SCL-117-032-C12A	117-Y-001 TRAIN 2 TO SWC DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577440	SCL-117-033-C12A	LINE-SM-111-032 TO LINE TRAP SP-076	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577442	SCL-117-034-C12A	LINE TRAP SP-076 TO SWC DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577444	SCL-117-035-C12A	LINE-SCL-117-014 TO COND PUMP-117-G-004	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577446	SCL-117-036-C12A	LINE-SCL-111-019 TO LINE TRAP SP-073	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577448	SCL-117-037-C12A	GLAND SEALS-117-GS-006 TO SWC DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577449	SCL-117-038-C12A	GOVERNOR-117-GS-006 TO SWC DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577451	SCL-117-039-C12A	SURF.COND-117-GE-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577453	SCL-117-040-C12A	GLAND SEALS-117-GS-003 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577455	SCL-117-041-C12A	GLAND SEALS-117-GS-004 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577457	SCL-117-042-C12A	LINE-SCL-117-027 TO COND PUMP-117-G-003	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577459	SCL-117-043-C12A	LINE-SCL-117-019 TO COND PUMP-117-G-004	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577461	SCL-117-044-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577463	SCL-117-045-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577465	SCL-117-046-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577467	SCL-117-047-C12A	LINE-SCL-117-017 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577469	SCL-117-048-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577471	SCL-117-049-C12A	TURBINE-117-GS-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577473	PA-117-001-C10A	PA-110-002 TO 117-G-007/8	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577475	PA-117-002-C10A	PA-110-002 TO 117-G-001-TRAIN 1	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577477	PA-117-003-C10A	PA-110-002 TO 117-G-001-TRAIN 2	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577479	IA-117-001-C10A	LINE-IA-110-008 TO CHILLER PK TRAIN 1	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310577481	IA-117-002-C10A	LINE-IA-110-008 TO CHILLER PK TRAIN 2	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310577483	WSR-116-001-F10E	LINE-WSR-116-041 TO LINE-WSR-116-002	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577484	WSR-116-002-F10E	LINE-WSR-116-001 TO LINE-WSR-115-002	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577487	WSR-116-004-F10E	116-E-001/A TO LINE-WSR-116-041	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577489	WSR-116-005-F10E	116-E-001/B TO LINE-WSR-116-041	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577491	WSR-116-006-F10E	116-E-001/C TO LINE-WSR-116-041	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577493	WSR-116-007-F10E	116-E-001/D TO LINE-WSR-116-001	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577495	WSR-116-008-F10E	116-E-001/E TO LINE-WSR-116-001	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577497	WSR-116-009-F10E	116-E-001/F TO LINE-WSR-116-001	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577499	WSR-116-010-F10E	116-E-001/G TO LINE-WSR-116-002	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577501	WSR-116-011-F10E	116-E-001/H TO LINE-WSR-116-002	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577503	WSR-116-012-F10E	116-E-001/I TO LINE-WSR-116-002	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577504	WSR-116-013-F10E	116-E-001/J TO LINE-WSR-116-002	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577506	WSR-116-014-F10E	116-E-001/K TO LINE-WSR-116-042	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577508	WSR-116-015-F10E	116-E-001/L TO LINE-WSR-116-042	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577510	WSR-116-016-F10E	116-E-001/M TO LINE-WSR-116-042	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577512	WSR-116-017-F10E	116-E-001/N TO LINE-WSR-116-018	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577514	WSR-116-018-F10E	LINE-WSR-116-042 TO LINE-WSR-116-019	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577516	WSR-116-019-F10E	LINE-WSR-116-018 TO LINE-WSR-115-002	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577518	WSR-116-029-F10E	LINE-WSR-116-051 TO LINE-WSR-115-002	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577520	WSR-116-030-F10E	LINE-WSR-116-061 TO LINE-WSR-115-002	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577522	WSR-116-035-F10E	116-E-001/O TO LINE-WSR-116-018	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577524	WSR-116-036-F10E	116-E-001/P TO LINE-WSR-116-018	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577526	WSR-116-037-F10E	116-E-001/Q TO LINE-WSR-116-019	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577528	WSR-116-038-F10E	116-E-001/R TO LINE-WSR-116-019	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577530	WSR-116-039-F10E	116-E-001/S TO LINE-WSR-116-019	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577533	WSR-116-040-F10E	116-E-001/T TO LINE-WSR-116-019	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577535	WSR-116-041-F10E	LINE-WSR-116-004 TO LINE-WSR-116-004	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577537	WSR-116-042-F10E	LINE-WSR-116-004 TO LINE-WSR-116-018	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577539	WSR-116-051-F10E	STRAINER-116-V-001-A TO LINE-WSR-116-029	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577541	WSR-116-052-F10E	STRAINER-116-V-001-B TO LINE-WSR-116-029	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577543	WSR-116-053-F10E	STRAINER-116-V-001-C TO LINE-WSR-116-029	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310577545	WSR-116-054-F108	STRAINER-116-V-001-D TO LINE-WSR-116-029	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577547	WSR-116-055-F108	STRAINER-116-V-001-E TO LINE-WSR-116-029	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577549	WSR-116-056-F108	STRAINER-116-V-001-F TO LINE-WSR-116-029	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577551	WSR-116-057-F108	STRAINER-116-V-001-G TO LINE-WSR-116-029	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577553	WSR-116-058-F108	STRAINER-116-V-001-H TO LINE-WSR-116-029	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577554	WSR-116-059-F108	STRAINER-116-V-001-I TO LINE-WSR-116-029	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577556	WSR-116-060-F108	STRAINER-116-V-001-J TO LINE-WSR-116-029	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577558	WSR-116-061-F108	STRAINER-116-V-001-K TO LINE-WSR-116-030	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577560	WSR-116-062-F108	STRAINER-116-V-001-L TO LINE-WSR-116-030	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577562	WSR-116-063-F108	STRAINER-116-V-001-M TO LINE-WSR-116-030	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577564	WSR-116-064-F108	STRAINER-116-V-001-N TO LINE-WSR-116-030	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577566	WSR-116-065-F108	STRAINER-116-V-001-0 TO LINE-WSR-116-030	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577568	WSR-116-066-F108	STRAINER-116-V-001-P TO LINE-WSR-116-030	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577570	WSR-116-067-F108	STRAINER-116-V-001-Q TO LINE-WSR-116-030	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577572	WSR-116-068-F108	STRAINER-116-V-001-R TO LINE-WSR-116-030	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577574	WSR-116-069-F108	STRAINER-116-V-001-S TO LINE-WSR-116-030	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577576	WSR-116-070-F108	STRAINER-116-V-001-T TO LINE-WSR-116-030	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577578	WSR-116-091-F108	116-V-001-A TO HEADER-WSR-116-111	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577580	WSR-116-092-F108	116-V-001-B TO HEADER-WSR-116-111	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577582	WSR-116-093-F108	116-V-001-C TO HEADER-WSR-116-111	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577584	WSR-116-094-F108	116-V-001-D TO HEADER-WSR-116-111	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577586	WSR-116-095-F108	116-V-001-E TO HEADER-WSR-116-111	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577588	WSR-116-096-F108	116-V-001-F TO HEADER-WSR-116-111	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577590	WSR-116-097-F108	116-V-001-G TO HEADER-WSR-116-111	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577592	WSR-116-098-F108	116-V-001-H TO HEADER-WSR-116-111	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577594	WSR-116-099-F108	116-V-001-I TO HEADER-WSR-116-111	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577596	WSR-116-100-F108	116-V-001-J TO HEADER-WSR-116-111	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577598	WSR-116-101-F108	116-V-001-K TO HEADER-WSR-116-111	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577600	WSR-116-102-F108	116-V-001-L TO HEADER-WSR-116-112	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577602	WSR-116-103-F108	116-V-001-M TO HEADER-WSR-116-112	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577604	WSR-116-104-F108	116-V-001-N TO HEADER-WSR-116-112	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577606	WSR-116-105-F108	116-V-001-O TO HEADER-WSR-116-112	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577608	WSR-116-106-F108	116-V-001-P TO HEADER-WSR-116-112	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577610	WSR-116-107-F108	116-V-001-Q TO HEADER-WSR-116-112	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577612	WSR-116-108-F108	116-V-001-R TO HEADER-WSR-116-112	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577614	WSR-116-109-F108	116-V-001-S TO HEADER-WSR-116-112	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577615	WSR-116-110-F108	116-V-001-T TO HEADER-WSR-116-112	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577617	WSR-116-111-F108	HEADER TO SWC	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577619	WSR-116-112-F108	HEADER TO SWC	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310577622	WFS-116-002-C12B	PUMP-116-G-002 TO LINE-WFS-116-004	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577624	WFS-116-003-C12B	PUMP-116-G-003 TO LINE-WFS-116-004	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577626	WFS-116-004-C12B	LINE-WFS-116-001 TO LINE-WFS-116-006	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577627	WFS-116-006-C12B	LINE-WFS-116-004 TO LINE-WFS-116-007	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577629	WFS-116-007-C12B	LINE-WFS-116-006 TO LINE-WFS-116-102	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577631	WFS-116-008-C12B	LINE-WFS-116-103 TO LINE-WFS-116-010	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577633	WFS-116-009-C12B	LINE-WFS-116-010 TO LINE-WFS-116-011	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577635	WFS-116-010-C12B	LINE-WFS-116-008 TO LINE-WFS-116-009	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577637	WFS-116-011-C12B	LINE-WFS-116-009 TO LINE-WFS-116-108	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577639	WFS-116-012-C12B	LINE-WFS-116-004 TO LINE-WFS-116-017	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577641	WFS-116-013-C12B	LINE-WFS-116-009 TO LINE-WFS-116-071	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577643	WFS-116-015-S10A	TO/FROM-116-D-001 TO LINE-WFS-116-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577645	WFS-116-017-C12B	LINE-WFS-116-012 TO LINE-WFS-116-104	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577647	WFS-116-018-C12B	LINE-WFS-116-105 TO LINE-WFS-116-019	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577649	WFS-116-019-C12B	LINE-WFS-116-018 TO LINE-WFS-116-009	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577651	WFS-116-020-C12B	LINE-WFS-116-006 TO 116-E-001/A	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577653	WFS-116-021-C12B	116-E-001/A TO LINE-WFS-116-010	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577655	WFS-116-022-C12B	LINE-WFS-116-006 TO 116-E-001/B	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577657	WFS-116-023-C12B	116-E-001/B TO LINE-WFS-116-010	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577659	WFS-116-024-C12B	LINE-WFS-116-006 TO 116-E-001/C	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577661	WFS-116-025-C12B	116-E-001/C TO LINE-WFS-116-010	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577664	WFS-116-026-C12B	LINE-WFS-116-006 TO 116-E-001/D	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577666	WFS-116-027-C12B	LINE-WFS-116-006 TO LINE-WFS-116-010	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577668	WFS-116-028-C12B	LINE-WFS-116-007 TO 116-E-001/E	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577670	WFS-116-029-C12B	116-E-001/E TO LINE-WFS-116-008	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577672	WFS-116-030-C12B	LINE-WFS-116-007 TO 116-E-001/F	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577674	WFS-116-031-C12B	116-E-001/F TO LINE-WFS-116-008	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577676	WFS-116-032-C12B	LINE-WFS-116-007 TO 116-E-001/G	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577678	WFS-116-033-C12B	116-E-001/G TO LINE-WFS-116-008	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577680	WFS-116-034-C12B	LINE-WFS-116-102 TO 116-E-001/H	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577682	WFS-116-035-C12B	116-E-001/H TO LINE-WFS-116-103	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577684	WFS-116-036-C12B	LINE-WFS-116-102 TO 116-E-001/I	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577686	WFS-116-037-C12B	116-E-001/I TO LINE-WFS-116-103	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577688	WFS-116-038-C12B	LINE-WFS-116-102 TO 116-E-001/J	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577690	WFS-116-039-C12B	116-E-001/J TO LINE-WFS-116-103	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577692	WFS-116-040-C12B	LINE-WFS-116-012 TO 116-E-001/K	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577694	WFS-116-041-C12B	116-E-001/K TO LINE-WFS-116-019	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577696	WFS-116-042-C12B	LINE-WFS-116-012 TO 116-E-001/L	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577698	WFS-116-043-C12B	116-E-001/L TO LINE-WFS-116-019	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577700	WFS-116-044-C12B	LINE-WFS-116-012 TO 116-E-001/M	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577702	WFS-116-045-C12B	116-E-001/M TO LINE-WFS-116-019	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577704	WFS-116-046-C12B	LINE-WFS-116-012 TO 116-E-001/N	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577706	WFS-116-047-C12B	116-E-001/N TO LINE-WFS-116-019	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577708	WFS-116-050-C12B	LINE-WFS-116-013 TO LINE-WFS-116-069	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577710	WFS-116-051-C12B	WFS-116-051-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577712	WFS-116-065-C12B	LINE-WFS-116-074 TO 115-GE-001-CONDENSER	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577714	WFS-116-066-C12B	LINE-WFS-116-009 TO 115-GE-001-CONDENSER	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577716	WFS-116-067-C12B	LINE-WFS-116-009 TO 115-GE-001-CONDENSER	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577718	WFS-116-068-C12B	LINE-WFS-116-050 TO BOILER PK-110-Y-001	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577720	WFS-116-069-C12B	WFS-116-069-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577722	WFS-116-070-Q12C	LINE-WFS-116-107 TO AROMATICS	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577723	WFS-116-071-Q12C	LINE-WFS-116-013 TO PTA USER B/L	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577724	WFS-116-073-C12B	LINE-WFS-116-009 TO 116-GE-002-CONDENSER	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577725	WFS-116-074-C12B	LINE-WFS-116-009 TO LINE-WFS-116-065	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577726	WFS-116-075-C12B	LINE-WFS-116-074 TO 115-GE-002-CONDENSER	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577727	WFS-116-081-C12B	PUMPS-116-G-01/2/3 TO TANK-116-F-001	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577728	WFS-116-082-C12B	TANK-116-F-001 TO OVERFLOW	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577729	WFS-116-083-C12B	TANK-116-F-001 TO PUMPS-116-G-011/12	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577730	WFS-116-084-C12B	PUMPS-116-G-011/12 TO LINE-WFS-116-002	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577731	WFS-116-090-C12B	LINE-WFS-116-017 TO 116-E-001/0	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577732	WFS-116-091-C12B	116-E-001/0 TO LINE-WFS-116-018	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577733	WFS-116-092-C12B	LINE-WFS-116-017 TO 116-E-001/P	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577734	WFS-116-093-C12B	116-E-001/P TO LINE-WFS-116-018	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577735	WFS-116-094-C12B	LINE-WFS-116-017 TO 116-E-001/Q	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577736	WFS-116-095-C12B	116-E-001/Q TO LINE-WFS-116-018	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577737	WFS-116-096-C12B	LINE-WFS-116-104 TO 116-E-001/R	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577738	WFS-116-097-C12B	116-E-001/R TO LINE-WFS-116-105	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577739	WFS-116-098-C12B	LINE-WFS-116-104 TO 116-E-001/S	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577740	WFS-116-099-C12B	116-E-001/S TO LINE-WFS-116-105	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577741	WFS-116-100-C12B	LINE-WFS-116-104 TO 116-E-001/T	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577742	WFS-116-101-C12B	116-E-001/T TO LINE-WFS-116-105	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577743	WFS-116-102-C12B	LINE-WFS-116-007 TO LINE-WFS-116-038	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577744	WFS-116-103-C12B	LINE-WFS-116-021 TO LINE-WFS-116-008	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577745	WFS-116-104-C12B	LINE-WFS-116-017 TO LINE-WFS-116-100	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577746	WFS-116-105-C12B	LINE-WFS-116-041 TO LINE-WFS-116-018	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577747	WFS-116-106-C12B	116-D-001 TO OVERFLOW	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577748	WFS-116-107-C12B	LINE-WFS-116-011 TO LINE-WFS-116-070	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577749	WFS-116-108-C12B	LINE-WFS-116-011 TO LINE-WFS-116-109	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577750	WFS-116-109-Q12C	LINE-WFS-116-108 TO AROMATICS-WFS-50-002	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577751	WFS-116-110-C12B	WFS-116-110-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577752	WFS-116-111-C12B	WFS-116-111-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577753	WFS-116-112-C12B	WFS-116-112-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577754	WFS-116-113-C12B	WFS-116-113-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577755	WFS-116-114-C12B	LINE-WFS-116-111 TO TURBINE-116-GE-010	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577756	WFS-116-115-C12B	LINE-WFS-116-113 TO TURBINE-116-GE-020	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577757	WFS-116-116-C12B	HEADER-WFS-116-117 TO TURBINE-116-GE-008	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577758	WFS-116-117-C12B	HEADER-WFS-116-067 TO LINE-WFS-116-111	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577759	WFS-116-118-C12B	WFS-116-118-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577760	WFS-116-119-C12B	WFS-116-119-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577761	WFS-116-120-C12B	HEADER-WFS-116-117 TO TURBINE-116-GS-007	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577762	WFS-116-121-C12B	HEADER-WFS-116-073 TO LINE-WFS-116-113	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577763	WFS-116-122-C12B	HEADER-WFS-116-121 TO TURBINE-116-GS-017	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577764	WFS-116-123-C12B	HEADER-WFS-116-121 TO TURBINE-116-GS-018	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310577765	WFS-116-124-C12B	WFS-116-124-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577766	WFS-116-128-C12B	WFS-116-128-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577767	WFS-116-129-C12B	WFS-116-129-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577768	WFS-116-130-C12B	WFS-116-130-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577769	WFS-116-131-C12B	WFS-116-131-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577770	WFS-116-132-C12B	WFS-116-132-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577771	WFS-116-133-C12B	TANK-116-F-001 TO DRAIN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577772	WFR-116-001-C12B	LINE-WFR-132-001 TO LINE-WFR-116-110	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577773	WFR-116-002-C12B	LINE-WFR-116-110 TO PUMP-116-G-001	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577774	WFR-116-003-C12B	LINE-WFR-116-110 TO PUMP-116-G-002	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577775	WFR-116-004-C12B	LINE-WFR-116-110 TO PUMP-116-G-003	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577776	WFR-116-011-C12B	LINE-WFR-116-108 TO LINE-WFR-116-110	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577777	WFR-116-012-C12B	WFR-116-012-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577778	WFR-116-013-C12B	WFR-116-013-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577779	WFR-116-014-C12B	WFR-116-014-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577780	WFR-116-016-C12B	WFR-116-016-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577781	WFR-116-017-C12B	WFR-116-017-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577782	WFR-116-018-C12B	LINE-WFR-116-012 TO LINE-WFR-116-019	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577783	WFR-116-019-C12B	LINE-WFR-116-118 TO LINE-WFR-116-020	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577784	WFR-116-020-C12B	LINE-WFR-116-019 TO LINE-WFR-116-010	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577785	WFR-116-099-C12B	LINE-WFR-116-118 TO 116-PSV-004-RELIEF	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577786	WFR-116-100-C12B	LINE-WFR-116-112 TO 116-PSV-007-RELIEF	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577787	WFR-116-101-C12B	116-PSV-005-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577788	WFR-116-102-C12B	HEADER-WFR-116-014 TO 116-PSV-003-RELIEF	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577789	WFR-116-103-C12B	HEADER-WFR-116-016 TO 116-PSV-005-RELIEF	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577790	WFR-116-104-C12B	TURBINE116-GS-017 TO HEADER-WFR-116-122	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577791	WFR-116-105-C12B	WFR-116-105-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577792	WFR-116-106-C12B	WFR-116-106-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577793	WFR-116-107-C12B	LINE-WFR-131-001 TO LINE-WFR-116-011	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577794	WFR-116-108-C12B	LINE-WFR-131-002 TO LINE-WFR-116-011	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577795	WFR-116-110-C12B	LINE-WFR-116-011 TO LINE-WFR-116-004	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577796	WFR-116-111-C12B	WFR-116-111-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577797	WFR-116-112-C12B	WFR-116-112-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577798	WFR-116-113-C12B	LINE-WFR-116-111 TO 116-PSV-001-RELIEF	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577799	WFR-116-114-C12B	TURBINE116-GS-007 TO HEADER-WFR-116-128	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577800	WFR-116-115-C12B	TURBINE116-GS-010 TO LINE-WFS-116-112	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577801	WFR-116-116-C12B	TURBINE116-GS-020 TO LINE-WFS-116-106	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577802	WFR-116-117-C12B	116-PSV-004-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577803	WFR-116-118-C12B	WFR-116-118-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577804	WFR-116-119-C12B	116-PSV-003-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577805	WFR-116-120-C12B	LINE-WFR-116-105 TO 116-PSV-002-RELIEF	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577806	WFR-116-121-C12B	LINE-WFR-116-124 TO 116-PSV-006-RELIEF	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577807	WFR-116-122-C12B	HEADER-WFR-116-106 TO HEADER-WFR-116-016	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577808	WFR-116-123-C12B	116-PSV-006-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577809	WFR-116-124-C12B	WFR-116-124-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577810	WFR-116-125-C12B	116-PSV-007-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577811	WFR-116-126-C12B	LINE-WFR-116-106 TO 116-PSV-009-RELIEF	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577812	WFR-116-127-C12B	116-PSV-001-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577813	WFR-116-128-C12B	HEADER-WFR-116-112 TO HEADER-WFR-116-114	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577814	WFR-116-129-C12B	116-PSV-002-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577815	WFR-116-130-C12B	TURBINE116-GS-008 TO HEADER-WFR-116-128	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577816	WFR-116-131-C12B	116-PSV-009-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577817	WFR-116-132-C12B	TURBINE116-GS-018 TO HEADER-WFR-116-122	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577818	WFR-116-133-C12B	WFR-116-133-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577819	WFR-116-137-C12B	WFR-116-137-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577820	WFR-116-138-C12B	WFR-116-138-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577821	WFR-116-139-C12B	WFR-116-139-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577822	WFR-116-140-C12B	WFR-116-140-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577823	WFR-116-141-C12B	WFR-116-141-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577824	SM-116-001-C32A	LINE-SM-111-031 TO EJECTOR-116-GH-007	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577825	SM-116-002-C32A	LINE-SM-116-001 TO SEAL STEAM UNIT	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577826	SM-116-003-C32A	SM-116-003-C32A:MP STEAM	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577827	SM-116-004-C32A	LINE-SM-116-007 TO TURBINE-116-GS-008	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577828	SM-116-008-C32A	SM-116-008-C32A:MP STEAM	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577829	SM-116-010-C32A	HEADER-SM-111-064 TO TURBINE-116-GS-020	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577830	SM-116-011-C32A	HEADER-SM-111-064 TO EJECTOR-116-GH-008	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577831	SM-116-013-C32A	LINE-SM-116-012 TO SEAL STEAM UNIT	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577832	SM-116-014-C32A	HEADER-SM-111-064 TO TURBINE-116-GS-017	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577833	SM-116-020-C32A	HEADER-SM-111-031 TO TURBINE-116-GS-018	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577834	SM-116-021-C32A	HEADER-SM-111-031 TO TURBINE-116-GS-007	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577835	SM-116-022-C32A	HEADER-SM-111-031 TO TURBINE-116-GS-010	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577836	SLL-116-001-C12A	SLL-116-001-C12A:LLP STEAM	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577837	SLL-116-002-C12A	SLL-116-002-C12A:LLP STEAM	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577838	SLL-116-007-C12A	SEAL STEAM UNIT TO PUMP COND-116-GE-001	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577839	SLL-116-008-C12A	SEAL STEAM UNIT TO SURF.COND-116-GE-002	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577840	SLL-116-009-C12A	EJECTOR-116-GH-007 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577841	SLL-116-010-C12A	EJECTOR-116-GH-008 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577842	SLL-116-011-C12A	SEAL STEAM UNIT SRV TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577843	SLL-116-012-C12A	EJECTOR 1 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577844	SLL-116-013-C12A	EJECTOR 2 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577845	SLL-116-014-C12A	EJECTOR 3 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577846	SLL-116-015-C12A	EJECTOR 4 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577847	SLL-116-016-C12A	SEAL STEAM UNIT SRV TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577848	SLL-116-020-C12A	TURBINE-116-GS-008 TO LINE-SLL-117-001	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577849	SLL-116-021-C12A	EJECTOR 1 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577850	SLL-116-023-C12A	EJECTOR 3 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577851	SLL-116-024-C12A	EJECTOR 4 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577852	SLL-116-025-C12A	116-GE-001-PSV-RELIEF TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577853	SLL-116-026-C12A	TURBINE-116-GS-018 TO LINE-SLL-117-002	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577854	SLL-116-027-C12A	116-GE-002-PSV-RELIEF TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577855	SLL-116-028-C12A	SLL-116-028-C12A:LLP STEAM	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577856	SLL-116-029-C12A	HOG EJECTOR-116-GH-002 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577857	SLL-116-030-C12A	CONDENSER TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577858	SLL-116-035-C12A	TURBINE-116-GS-007 TO LINE-SLL-116-001	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577859	SLL-116-037-C12A	RELIEF LINE-116-PSV-011 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577860	SLL-116-038-C12A	RELIEF LINE-116-PSV-012 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577861	SLL-116-039-C12A	RELIEF LINE-116-PSV-008 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577862	SLL-116-040-C12A	RELIEF LINE-116-PSV-013 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577863	SLL-116-041-C12A	RELIEF LINE-116-PSV-014 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577864	SLL-116-042-C12A	RELIEF LINE-116-PSV-010 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577865	SLL-116-044-C12A	LINE-SLL-116-035 TO 116-PSV-011	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577866	SLL-116-045-C12A	LINE-SLL-116-020 TO 116-PSV-012	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577867	SLL-116-046-C12A	LINE-SLL-116-001 TO 116-PSV-008	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577868	SLL-116-047-C12A	LINE-SLL-116-052 TO 116-PSV-013	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577869	SLL-116-048-C12A	LINE-SLL-116-026 TO 116-PSV-014	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577870	SLL-116-049-C12A	LINE-SLL-116-002 TO 116-PSV-010	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577871	SLL-116-052-C12A	TURBINE-116-GS-017 TO LINE-SLL-116-002	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577872	SLL-116-053-C12A	SLL-116-053-C12A:LLP STEAM	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577873	SLL-116-054-C12A	HOG EJECTOR-116-GH-001 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577874	SLL-116-055-C12A	CONDENSER-116-GE-004 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577875	SLL-116-056-C12A	TURBINE-116-GS-010 TO LINE-SLL-116-001	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577876	SLL-116-057-C12A	TURBINE-116-GS-020 TO LINE-SLL-116-002	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577877	SLL-116-058-C12A	SLL-116-058-C12A:LLP STEAM	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577878	SLL-116-059-C12A	SLL-116-059-C12A:LLP STEAM	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310577879	SCL-116-001-C12A	SCL-116-001-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577880	SCL-116-002-C12A	SCL-116-002-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577881	SCL-116-003-C12A	SCL-116-003-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577882	SCL-116-009-C12A	SP-072 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577883	SCL-116-010-C12A	LINE-SCL-116-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577884	SCL-116-011-C12A	LINE-SCL-116-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577885	SCL-116-012-C12A	INLET VALVE-116-GS-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577886	SCL-116-013-C12A	T&T VALVE-116-GS-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577887	SCL-116-014-C12A	T&T VALVE-116-GS-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577888	SCL-116-015-C12A	T&T VALVE-116-GS-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577889	SCL-116-016-C12A	TURBINE-116-GS-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577890	SCL-116-017-C12A	INLET VALVE-116-GS-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577891	SCL-116-018-C12A	T&T VALVE-116-GS-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577892	SCL-116-019-C12A	T&T VALVE-116-GS-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577893	SCL-116-020-C12A	T&T VALVE-116-GS-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577894	SCL-116-021-C12A	TURBINE-116-GS-008 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577895	SCL-116-022-C12A	TURBINE-116-GS-010 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577896	SCL-116-023-C12A	GLAND COND-116-GE-009 TO SP-176	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310577897	SCL-116-024-C12A	GLAND COND-116-GE-010 TO SP-176	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577898	SCL-116-025-C12A	SURF.COND-116-GE-001 TO LINE-116-SCL-026	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577899	SCL-116-026-C12A	LINE-116-SCL-065 TO COND PUMP-116-G-007	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577900	SCL-116-027-C12A	SCL-116-027-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577901	SCL-116-028-C12A	SCL-116-028-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577902	SCL-116-029-C12A	SP-072 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577903	SCL-116-030-C12A	SURF.COND-116-GE-002 TO LINE-116-SCL-069	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577904	SCL-116-031-C12A	SCL-116-031-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577905	SCL-116-032-C12A	SP-072 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577906	SCL-116-033-C12A	SCL-116-033-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577907	SCL-116-034-C12A	LINE-116-SCL-030 TO COND PUMP-116-G-017	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577908	SCL-116-035-C12A	SP-176 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577909	SCL-116-036-C12A	SP-176 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577910	SCL-116-037-C12A	TURBINE-116-GS-020 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577911	SCL-116-038-C12A	SURF.COND-116-GE-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577912	SCL-116-039-C12A	ANGLE VALVE-116-GE-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577913	SCL-116-040-C12A	ANGLE VALVE-116-GE-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577914	SCL-116-041-C12A	GOVERNOR-116-GS-008 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577915	SCL-116-042-C12A	GOVERNOR-116-GS-007 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577916	SCL-116-043-C12A	SCL-116-043-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577917	SCL-116-044-C12A	TURBINE-116-GS-018 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577918	SCL-116-045-C12A	GOVERNOR-116-GS--018 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577919	SCL-116-046-C12A	SCL-116-046-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577920	SCL-116-047-C12A	GOVERNOR-116-GS--017 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577921	SCL-116-048-C12A	TURBINE-116-GS-017 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577922	SCL-116-049-C12A	SCL-116-049-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577923	SCL-116-050-C12A	SCL-116-050-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577924	SCL-116-052-C12A	TURBINE-116-GS-007 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577925	SCL-116-053-C12A	TURBINE-116-GS-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577926	SCL-116-054-C12A	GLAND SEALS-116-GS-007 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577927	SCL-116-055-C12A	GLAND SEALS-116-GS-008 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577928	SCL-116-056-C12A	SURF.COND-116-GE-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577929	SCL-116-057-C12A	GLAND SEALS-116-GS-017 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577930	SCL-116-058-C12A	GLAND SEALS-116-GS-018 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577931	SCL-116-059-C12A	SP-076 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577932	SCL-116-060-C12A	SP-076 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577933	SCL-116-062-C12A	LINE-SCL-116-030 TO COND PUMP-116-G-018	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577934	SCL-116-065-C12A	LINE-SCL-116-025 TO COND PUMP-116-G-008	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577935	SCL-116-066-C12A	SCL-116-066-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577936	SCL-116-067-C12A	SCL-116-067-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577937	SCL-116-068-C12A	LINE-SH-111-020 TO SP-072	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577938	SCL-116-069-C12A	LINE-SH-111-031 TO SP-076	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577939	SCL-116-070-C12A	LINE-SH-111-043 TO SP-072	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577940	SCL-116-071-C12A	LINE-SH-111-064 TO SP-076	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577941	SCL-116-072-C12A	GRAND SEALS-116-GS-010 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577942	SCL-116-073-C12A	GOVERNOR-116-GS-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577943	SCL-116-074-C12A	GRAND SEALS-116-GS-020 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577944	SCL-116-075-C12A	GOVERNOR-116-GS-020 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577945	SCL-116-076-C12A	CONDENSATE PUMP VALVE TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577946	SCL-116-077-C12A	CONDENSATE PUMP VALVE TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577947	SCL-116-078-C12A	LINE-SCL-116-043 TO COND PUMP-116-G-007	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577948	SCL-116-079-C12A	LINE-SCL-116-028 TO COND PUMP-116-G-008	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577949	SCL-116-080-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577950	SCL-116-081-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577951	SCL-116-082-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577952	SCL-116-083-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577953	SCL-116-084-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577954	SCL-116-085-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577955	SCL-116-087-C12A	HEADER TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577956	SCL-116-088-C12A	TURBINE-116-GS-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577957	SCL-116-089-C12A	HEADER TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577958	SCL-116-090-C12A	TURBINE-116-GS-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577959	SCL-116-091-C12A	SURF COND-115-GE-001 TO VESSEL TRIM	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577960	SCL-116-092-C12A	SURF COND-115-GE-002 TO VESSEL TRIM	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577961	SCL-116-093-C12A	SCL-116-093-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310577962	PA-116-001-C10A	PA-110-002 TO 116-G-011/12	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577963	WRR-132-001-C12E	PTA PLANT B/L TO LINE-WRR-117-019	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577964	WRR-132-002-C12E	PTA PLANT BAGGING TO LINE-WRR-104-004	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577965	WFR-132-001-Q12(	PTA PLANT B/L TO LINE-WRR-116-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577966	SM-115-001-C32A	LINE-SM-111-037 TO EJECTOR-115-GH-007	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577967	SM-115-002-C32A	LINE-SM-111-001 TO SEAL STEAM UNIT	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577968	SM-115-003-C32A	SM-115-003-C32A:MP STEAM	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577969	SM-115-004-C32A	HEADER-SM-111-037 TO TURBINE-115-GS-008	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577970	SM-115-005-C32A	HEADER-SM-111-037 TO TURBINE-115-GS-010	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577971	SM-115-008-C32A	SM-115-008-C32A:MP STEAM	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577972	SM-115-009-C32A	HEADER-SM-111-037 TO TURBINE-115-GS-007	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577973	SM-115-010-C32A	HEADER-SM-111-038 TO TURBINE-115-GS-020	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577974	SM-115-012-C32A	LINE-SM-111-022 TO EJECTOR-115-GH-008	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577975	SM-115-013-C32A	LINE-SM-115-038 TO SEAL STEAM UNIT	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577976	SM-115-014-C32A	HEADER-SM-111-038 TO TURBINE-115-GS-017	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577977	SM-115-020-C32A	HEADER-SM-111-038 TO TURBINE-115-GS-019	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310577978	WFR-115-001-C12E	WFR-115-001-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577979	WFR-115-002-C12E	TURBINE115-GS-008 TO HEADER-WFR-115-009	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577980	WFR-115-003-C12E	TURBINE115-GS-010 TO LINE-WFS-115-008	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577981	WFR-115-004-C12E	WFR-115-004-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577982	WFR-115-005-C12E	TURBINE115-GS-020 TO LINE-WFS-115-004	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577983	WFR-115-006-C12E	TURBINE-115-GS-007 TO HEADER-WFR-115-009	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577984	WFR-115-007-C12E	WFR-115-007-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577985	WFR-115-008-C12E	WFR-115-008-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577986	WFR-115-009-C12E	LINE-WFR-115-008 TO HEADER-WFR-116-012	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577987	WFR-115-010-C12E	115-PSV-001-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577988	WFR-115-011-C12E	115-PSV-002-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577989	WFR-115-012-C12E	115-PSV-004-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577990	WFR-115-013-C12E	115-PSV-006-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577991	WFR-115-014-C12E	WFR-115-014-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577992	WFR-115-015-C12E	115-PSV-005-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577993	WFR-115-016-C12E	TURBINE115-GS-018 TO HEADER-WFR-115-008	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577994	WFR-115-017-C12E	TURBINE115-GS-017 TO HEADER-WFR-115-008	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577995	WFR-115-018-C12E	115-PSV-007-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577996	WFR-115-019-C12E	115-PSV-009-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577997	WFR-115-020-C12E	115-PSV-003-RELIEF TO GRADE	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577998	WFR-115-021-C12E	LINE-WFR-115-004 TO HEADER-WFR-116-017	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310577999	WFR-115-022-C12E	WFR-115-022-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578000	WFR-115-023-C12E	LINE-WFR-115-001 TO 115-PSV-001	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578001	WFR-115-024-C12E	LINE-WFR-115-007 TO 115-PSV-004	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578002	WFR-115-025-C12E	LINE-WFR-115-008 TO 115-PSV-007	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578003	WFR-115-026-C12E	LINE-WFR-115-014 TO 115-PSV-002	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578004	WFR-115-027-C12E	LINE-WFR-115-022 TO 115-PSV-006	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578005	WFR-115-028-C12E	LINE-WFR-115-004 TO 115-PSV-009	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578006	WFR-115-029-C12E	LINE-WFR-115-012 TO 115-PSV-003	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578007	WFR-115-030-C12E	LINE-WFR-115-017 TO 115-PSV-005	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578008	WFS-115-001-C12E	WFS-115-001-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578009	WFS-115-002-C12E	HEADER-WFS-115-009 TO TURBINE-115-GE-008	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578010	WFS-115-003-C12E	HEADER-WFS-115-008 TO TURBINE-115-GE-010	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578011	WFS-115-004-C12E	WFS-115-004-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578012	WFS-115-005-C12E	HEADER-WFS-115-004 TO TURBINE-115-GE-020	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578013	WFS-115-006-C12E	HEADER-WFS-115-009 TO TURBINE-115-GE-007	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578014	WFS-115-007-C12E	WFS-115-007-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578015	WFS-115-008-C12E	WFS-115-008-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578016	WFS-115-009-C12E	HEADER-WFS-115-065 TO LINE-WFS-115-008	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578017	WFS-115-010-C12E	WFS-115-010-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578018	WFS-115-011-C12E	HEADER-WFS-115-014 TO TURBINE-115-GE-018	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578019	WFS-115-012-C12E	HEADER-WFS-115-014 TO TURBINE-115-GE-017	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578020	WFS-115-013-C12E	WFS-115-013-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578021	WFS-115-014-C12E	HEADER-WFS-115-075 TO LINE-WFS-115-004	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578022	WSR-115-001-F10E	LINE-WSR-117-003 TO LINE-WSR-115-002	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578023	WSR-115-002-F10E	LINE-WSR-117-001 TO ROYAL COMMISSION	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578024	WSS-115-001-F10E	LINE-WSS-130-006 TO PUMP-115-G-003	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578025	WSS-115-002-F10E	PUMP-115-G-003 TO LINE-WSS-115-010	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578026	WSS-115-003-F10E	LINE-WSS-130-006 TO PUMP-115-G-002	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578027	WSS-115-004-F10E	PUMP-115-G-002 TO LINE-WSS-115-010	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578028	WSS-115-005-F10E	LINE-WSS-130-006 TO PUMP-115-G-001	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310578029	WSS-115-006-F10E	PUMP-115-G-001 TO LINE-WSS-115-010	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578030	WSS-115-007-F10E	SW POND-115-Q-001 TO LINE-WSS-115-001	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578031	WSS-115-008-F10E	SW POND-115-Q-001 TO LINE-WSS-115-001	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578032	WSS-115-010-F10E	LINE-WSS-115-006 TO LINE-WSS-115-012	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578033	WSS-115-012-F10E	LINE-WSS-115-010 TO LINE-WSS-117-001	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578034	WSS-115-016-F10E	LINE-WSS-115-011 TO LINE-WSS-115-017	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578035	WSS-115-017-F10E	LINE-WSS-115-016 TO LINE-WSS-115-056	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578036	WSS-115-018-F10E	LINE-WSS-115-011 TO LINE-WSS-115-019	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578037	WSS-115-019-F10E	LINE-WSS-115-018 TO LINE-WSS-115-057	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578038	WSS-115-020-F10E	LINE-WSS-115-016 TO 116-E-001/A	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578039	WSS-115-021-F10E	LINE-WSS-115-016 TO 116-E-001/B	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578040	WSS-115-022-F10E	LINE-WSS-115-016 TO 116-E-001/C	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578041	WSS-115-023-F10E	LINE-WSS-115-016 TO 116-E-001/D	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578042	WSS-115-024-F10E	LINE-WSS-115-017 TO 116-E-001/E	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578043	WSS-115-025-F10E	LINE-WSS-115-017 TO 116-E-001/F	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578044	WSS-115-026-F10E	LINE-WSS-115-017 TO 116-E-001/G	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578045	WSS-115-027-F10E	LINE-WSS-115-056 TO 116-E-001/H	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578046	WSS-115-028-F10E	LINE-WSS-115-056 TO 116-E-001/I	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578047	WSS-115-029-F10E	LINE-WSS-115-056 TO 116-E-001/J	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578048	WSS-115-030-F10E	LINE-WSS-115-018 TO 116-E-001/K	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578049	WSS-115-031-F10E	LINE-WSS-115-018 TO 116-E-001/L	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578050	WSS-115-032-F10E	LINE-WSS-115-018 TO 116-E-001/M	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578051	WSS-115-033-F10E	LINE-WSS-115-018 TO 116-E-001/N	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578052	WSS-115-035-F10E	LINE-WSS-115-010 TO SW POND-115-Q-001	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578053	WSS-115-038-F10E	PUMPS-115-G-01/2/3 TO TANK-F-001	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578054	WSS-115-039-F10E	TANK-F-001 TO OVERFLOW	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578055	WSS-115-040-F10E	TANK-F-001 TO PUMPS-115-G-11/12	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578056	WSS-115-041-F10E	PUMPS-115-G-11/12 TO LINE-WSS-115-035	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578057	WSS-115-050-F10E	LINE-WSS-115-019 TO 116-E-001/0	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578058	WSS-115-051-F10E	LINE-WSS-115-019 TO 116-E-001/P	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578059	WSS-115-052-F10E	LINE-WSS-115-019 TO 116-E-001/Q	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578060	WSS-115-053-F10E	LINE-WSS-115-057 TO 116-E-001/R	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578061	WSS-115-054-F10E	LINE-WSS-115-057 TO 116-E-001/S	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578062	WSS-115-055-F10E	LINE-WSS-115-057 TO 116-E-001/T	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578063	WSS-115-056-F10E	LINE-WSS-115-017 TO LINE-WSS-115-029	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578064	WSS-115-057-F10E	LINE-WSS-115-019 TO LINE-WSS-115-055	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578065	WSS-115-058-F10E	TANK-F-001 TO SWC	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578108	CD-106-001-C12A	AREA 106 DRAINS TO CD-000-018	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578109	CD-106-002-C12A	P-131-008 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578110	CD-106-003-C12A	LINE-FO-106-002 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578111	CD-106-004-C12A	TANK-106-F-001 TO FO-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578112	CD-106-005-C12A	FO-106-005 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578113	CD-106-006-C12A	FO-106-001 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578114	CD-106-007-C12A	FO-106-017 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578115	CD-106-008-C12A	FO-106-003 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578116	CD-106-009-C12A	FO-106-016 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578117	CD-106-010-C12A	FO-106-004 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578118	CD-106-011-C12A	FO-106-007 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578119	CD-106-012-C12A	FO-106-005 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578120	CD-106-013-C12A	106-G-002 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578121	CD-106-014-C12A	106-G-001 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578122	CD-106-015-C12A	PSV-003 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578123	CD-106-016-C12A	P-131-009 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578124	CD-106-017-C12A	106-F-002 TO CD-106-010	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578125	CD-106-018-C12A	FO-106-009 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578126	CD-106-019-C12A	FO-106-008 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578127	CD-106-020-C12A	FO-106-009 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578128	CD-106-021-C12A	FO-106-010 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578129	CD-106-022-C12A	FO-106-011 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578130	CD-106-023-C12A	FO-106-014 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578131	CD-106-024-C12A	FO-106-012 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578132	CD-106-025-C12A	FO-106-013 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578133	CD-106-026-C12A	FO-106-015 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578134	CD-106-027-C12A	106-G-004 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578135	CD-106-028-C12A	106-G-003 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578136	CD-106-029-C12A	CD-106-017 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578137	CD-106-030-C12A	PSV-004 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578138	CD-106-031-C12A	P-131-008 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578139	CD-106-032-C32A	SEAL POT (DETAIL A) TO CD-106-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578140	CD-106-033-C32A	SEAL POT (DETAIL A) TO CD-106-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578141	CD-106-034-C32A	SEAL POT (DETAIL A) TO CD-106-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578142	CD-106-035-C32A	SEAL POT (DETAIL A) TO CD-106-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578143	CD-106-036-C12A	P-131-009 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578144	CD-106-037-C32A	SEAL POT (DETAIL A) TO CD-106-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578145	CD-106-038-C32A	SEAL POT (DETAIL A) TO CD-106-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578146	CD-106-039-C32A	SEAL POT (DETAIL A) TO CD-106-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578147	CD-106-040-C32A	SEAL POT (DETAIL A) TO CD-106-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578148	CD-106-041-C12A	CD-106-004 TO CD-106-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578149	FO-106-001-C12D	TANK-106-F-001 TO LINE-FO-106-017	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578150	FO-106-002-C12D	LINE-FO-106-001 TO LINE-FO-106-016	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578151	FO-106-003-C32A	PUMP-106-G-002 TO LINE-FO-106-007	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578152	FO-106-004-C32A	PUMP-106-G-001 TO LINE-FO-106-003	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578153	FO-106-005-C32A	PV-005 TO TANK-106-F-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578154	FO-106-007-C32A	LINE-FO-106-003 TO PV-005	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578155	FO-106-008-C32A	LINE-FO-106-014 TO PV-011	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578156	FO-106-009-C32A	PV-011 TO TANK-106-F-002	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578157	FO-106-010-C12D	106-F-002 TO LINE-FO-106-011	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578158	FO-106-011-C32A	LINE-FO-106-010 TO PUMP-106-G-004	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578159	FO-106-012-C12D	FO-106-010 TO FO-106-013	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578160	FO-106-013-C32A	FO-106-012 TO PUMP-106-G-003	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578161	FO-106-014-C32A	PUMP-106-G-004 TO LINE-FO-106-008	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578162	FO-106-015-C32A	PUMP-106-G-003 TO LINE-FO-106-014	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578163	FO-106-016-C32A	LINE-FO-106-002 TO PUMP-106-G-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578164	FO-106-017-C32A	LINE-FO-106-001 TO PUMP-106-G-002	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578165	FO-106-025-C12D	P-131-008-LV-001 TO TANK-106-F-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578166	FO-106-026-C12D	P-131-009-LV-002 TO TANK-106-F-002	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578167	FO-106-027-C32A	DETAIL A SEAL POT TO FO-106-016	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578168	FO-106-028-C32A	FO-106-004 TO DETAIL A SEAL POT	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578169	FO-106-029-C32A	DETAIL A SEAL POT TO FO-106-017	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578170	FO-106-030-C32A	FO-106-003 TO DETAIL A SEAL POT	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578171	FO-106-031-C32A	FO-106-014 TO DETAIL A SEAL POT	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578172	FO-106-032-C32A	DETAIL A SEAL POT TO FO-106-011	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578173	FO-106-033-C32A	FO-106-015 TO DETAIL A SEAL POT	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578174	FO-106-034-C32A	DETAIL A SEAL POT TO FO-106-013	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578175	CD-107-001-D12A	FG-KO DRUM-107-D-003 TO 107-LV-009	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578176	CD-107-002-D12A	107-LV-009 TO LINE-CD-107-010	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578177	CD-107-005-D32A	LINE-P-107-001 TO LINE-CD-107-010	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578178	CD-107-006-D32A	LINE-P-107-006 TO LINE-CD-107-010	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578179	CD-107-007-D32A	LINE-P-107-001 TO LINE-CD-107-010	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578180	CD-107-008-D32A	LINE-P-107-006 TO LINE-CD-107-010	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578181	CD-107-010-D12A	CLOSED DRAINS TO LINE-CD-107-007	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578182	CD-107-011-D12A	CD-107-011-D12A:CLSD DRN (PROC. HCARBON)	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578183	FG-107-001-D12A	FG-KO DRUM-107-D-003 TO LINE-FG-107-014	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578184	FG-107-004-D32A	FG-107-004-D32A:FUEL GAS	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578187	FG-107-007-D12A	LINE-FG-131-001 TO FG-KO DRUM-107-D-003	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578188	FG-107-008-D12A	FG-KO DRUM-107-D-003 TO 107-PSV-009	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578189	FG-107-009-D12A	LINE-FG-107-008 TO 107-PSV-010	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578190	FG-107-012-D12A	FG-107-012-D12A:FUEL GAS	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578191	FG-107-014-C12C	LINE-FG-107-001 TO LINE-FG-107-015	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578192	FG-107-015-C12C	LINE-FG-107-014 TO LINE-FG-107-016	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578193	FG-107-016-C12C	LINE-FG-107-015 TO LINE-FG-107-017	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578194	FG-107-017-C12C	LINE-FG-107-016 TO AROMATICS-FG-50-001	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578195	FG-107-018-C12C	LINE-FG-107-016 TO FLARE PK-FG-107-Y-001	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578196	FG-107-020-C12C	LINE-FG-107-015 TO LINE-FG-107-023	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578197	FG-107-021-C12C	LINE-FG-107-020 TO LINE-FG-107-028	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578198	FG-107-022-C12C	LINE-FG-107-024 TO INCINER PK-121-Y-001	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578199	FG-107-023-C12C	LINE-FG-107-020 TO LINE-FG-107-024	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578200	FG-107-024-C12C	LINE-FG-107-023 TO PTA PLANT B/L	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578201	FG-107-026-C12C	LINE-FG-107-015 TO LINE-FG-107-027	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578202	FG-107-027-D12A	LINE-FG-107-026 TO CD DRUM-000-D-001	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578203	FG-107-028-C12C	LINE-FG-107-021 TO LINE-FG-111-004	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578204	FG-107-030-C32C	POLYESTER PLANT TO LINE-FG-107-030	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310578205	FG-107-031-C12C	LINE-FG-107-030 TO PTA HTPS BOILER	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578206	FG-107-032-C12C	LINE-FG-107-031 TO PSV	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578207	FG-107-033-C12C	LINE-FG-107-032 TO LINE-VFL-107-028	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578208	P-107-001-D32A	P-107-001-D32A:PROCESS	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578209	P-107-006-D32A	P-107-006-D32A:PROCESS	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578212	P-107-010-D32A	LINE-P-101-008 TO LINE-VFL-107-005	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578213	SCL-107-001-C32A	LINE-SCL-107-007 TO PUMP TRAP SP-117	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578214	SCL-107-002-C32A	PUMP TRAP SP-117 TO LINE-SCL-107-005	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578215	SCL-107-003-C32A	LINE-SCL107-006 TO PUMP TRAP SP-100	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578216	SCL-107-004-C32A	PUMP TRAP SP-100 TO LINE-SCL-107-005	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578217	SCL-107-005-C32A	LINE-SCL-107-004 TO CPMD DRUM-111-D-008	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578218	SCL-107-006-D32A	SCL-107-006-D32A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578219	SCL-107-007-D32A	SCL-107-007-D32A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578222	SCL-107-010-C32A	LINE-SCL-107-003 TO ATMOS	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578223	SCL-107-011-C32A	LINE-SCL-107-001 TO ATMOS	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578224	SL-107-001-C32A	SL-107-001-C32A:LP STEAM	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578226	SL-107-003-C32A	LINE-SL-107-002 TO PUMPING TRAP SP 100	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578227	SL-107-004-C32A	107-TV-008 TO LINE-SL-107-009	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578228	SL-107-005-C32A	PUMPING TRAP SP 100 TO LINE-SL-107-004	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578229	SL-107-006-C32A	SL-107-006-C32A:LP STEAM	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578230	SL-107-007-C32A	LINE-SL-107-001 TO PUMPING TRAP SP 117	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578231	SL-107-008-C32A	PUMPING TRAP SP 117 TO LINE-SL-107-006	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578236	VFL-107-005-D12A	LINE-P-107-010 TO LINE-VFL-107-006	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578237	VFL-107-006-D12A	107-PSV-003 TO LINE-VFL-101-007	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578238	VFL-107-007-D12A	107-PSV-004 TO LINE-VFL-101-006	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578239	VFL-107-022-D12A	107-PSV-009 TO LINE-VFL-101-006	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578240	VFL-107-023-D12A	107-PSV-010 TO LINE-VFL-101-006	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578241	VFL-107-024-D12A	LINE-FG-107-008 TO LINE-VFL-107-006	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578242	VFL-107-025-D12A	VFL-107-025-D12A:VENT TO FLARE-LOW PRESS	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578243	VFL-107-027-D12A	LINE-FG-107-001 TO LINE-VFL-107-025	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578244	VFL-107-028-C12C	PSV-018 TO ATMOS	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578245	VFL-107-029-D12A	PSV-022B TO LINE-VFL-107-030	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578246	VFL-107-030-D12A	PSV-021A SUB HEADER TO LINE-VFL-107-006	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578247	VFL-107-031-D12A	PSV-021B TO LINE-VFL-107-030	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578248	VFL-107-032-D12A	PSV-022A TO LINE-VFL-107-030	B	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310578249	FD-108-001-C12A	UNLOADING TO 108-G-001	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310578250	FD-108-002-C12A	PUMP-108-G-001 TO TANK-108-D-001	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310578251	FD-108-003-C12A	DRUM-108-D-001 TO PUMP-108-G-003/4	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310578252	FD-108-004-C12A	PUMP-108-G-003/4 TO DISTRIBUTION	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310578253	FD-108-005-C12A	FD-108-004 TO DRUM-108-D-001	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310578254	FD-108-006-C12A	FD-108-004 TO DISTRIBUTION	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310578255	FD-108-008-C12A	FD-108-004 TO 122-Y-001-EMERG GEN	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310578256	FD-108-010-C12A	PSV-001 TO FD-108-005	B	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310578257	N-109-001-C32A	NITROGEN PK 109-Y-001 TO PTA PLANT B/L	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578258	N-109-005-C12A	N-109-005-C12A:NITROGEN	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578259	N-109-007-C12A	LINE-N-109-006 TO PTA PLANT B/L	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578260	N-109-009-C12A	LINE-N-109-006 TO LINE-N-109-010	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578261	N-109-010-C12A	LINE-N-109-009 TO AROMATICS-N-50-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578262	N-109-011-C12A	LINE-N-109-010 TO LINE-N-109-021	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578263	N-109-016-C12A	LINE-N-109-055 TO TANK-103-F-004	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578264	N-109-039-C12A	LINE-N-109-005 TO AROMATICS-N-50-051	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578265	N-109-046-C12A	LINE-N-109-005 TO TANK-106-F-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578266	N-109-047-C12A	LINE-N-109-005 TO TANK-106-F-002	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310578267	IA-110-001-C10A	AA-110-002 TO DEMIN PLANT	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578268	BD-111-001-C63A	BOILER-111-B-001 TO CBD DRUM-111-D-004	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310578269	BD-111-002-C63A	BOILER-111-B-002 TO CBD DRUM-111-D-004	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310578270	BD-111-003-C63A	BOILER-111-B-003 TO CBD DRUM-111-D-004	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310578271	BD-111-004-C63A	BOILER-111-B-001 TO LINE-BD-111-D-007	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310578272	BD-111-005-C63A	BOILER-111-B-002 TO LINE-BD-111-D-008	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310578273	BD-111-006-C63A	BOILER-111-B-003 TO LINE-BD-111-D-009	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310578274	BD-111-007-C32A	BOILER-111-B-004 TO LINE-BD-111-D-014	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578275	BD-111-010-C63A	BOILER-111-B-004 TO LINE-BD-111-D-011	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310578276	BD-111-011-C63A	BOILER-111-B-001 TO LINE-BD-111-D-014	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310578277	BD-111-012-C63A	BOILER-111-B-004 TO CBD DRUM-111-D-004	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310578278	BD-111-015-C12A	IBD DRUM-111-D-005 TO PACKAGE-112-Y-001	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310578279	SCL-111-001-S10A	COND TANK-111-F-001 TO LINE-SCL-111-006	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578280	SCL-111-002-S10A	LINE-SCL-111-001 TO DEAR PUMP 111-G-001	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578281	SCL-111-003-S10A	DEAR PUMP 111-G-001 TO LINE-SCL-111-008	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578282	SCL-111-004-S10A	LINE-SCL-111-001 TO DEAR PUMP 111-G-002	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578283	SCL-111-005-S10A	DEAR PUMP 111-G-002 TO LINE-SCL-111-008	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578284	SCL-111-006-S10A	LINE-SCL-111-001 TO DEAR PUMP 111-G-003	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578285	SCL-111-007-S10A	DEAR PUMP 111-G-003 TO LINE-SCL-111-008	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578286	SCL-111-008-S10A	LINE-SCL-111-007 TO LINE-SCL-111-011	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578287	SCL-111-009-S10A	LINE-SCL-111-008 TO 111-FV-001	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578288	SCL-111-010-S10A	111-FV-001 TO COND TANK-111-F-001	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578289	SCL-111-011-S10A	LINE-SCL-111-008 TO LINE-SCL-111-002	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578290	SCL-111-013-S10A	LINE-SCL-111-011 TO DEAERATOR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578291	SCL-111-016-C12A	LINE-SCL-111-068 TO 111-PV-052	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578292	SCL-111-017-C12A	111-D-008 TO COND PUMP-111-G-007	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578293	SCL-111-018-C12A	LINE-SCL-111-017 TO COND PUMP-111-G-008	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578294	SCL-111-019-C12A	COND PUMP-111-G-007 TO 111-LV-005	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578295	SCL-111-020-C12A	COND PUMP-111-G-008 TO LINE-SCL-111-019	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578296	SCL-111-021-C12A	LINE-SCL-111-019 TO 111-FV-005	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578297	SCL-111-022-C12A	111-FV-005 TO 111-D-008	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578298	SCL-111-023-C12A	111-LV-005 TO LINE-SCL-111-110	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578299	SCL-111-026-C12A	111-D-008 TO CONTAMINATED DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578300	SCL-111-027-C12A	SCL-111-027-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578301	SCL-111-028-C12A	SCL-111-028-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578302	SCL-111-031-C12A	SCL-111-031-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578303	SCL-111-032-C12A	DEAERATOR-111-D-001 TO LINE-SCL-111-031	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578304	SCL-111-060-C12A	BAY-111-E-004/A TO LINE-SCL-111-068	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578305	SCL-111-061-C12A	BAY-111-E-004/B TO LINE-SCL-111-068	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578306	SCL-111-062-C12A	BAY-111-E-004/C TO LINE-SCL-111-068	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578307	SCL-111-063-C12A	BAY-111-E-004/D TO LINE-SCL-111-068	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578308	SCL-111-064-C12A	BAY-111-E-004/E TO LINE-SCL-111-068	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578309	SCL-111-065-C12A	BAY-111-E-004/F TO LINE-SCL-111-068	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578310	SCL-111-066-C12A	BAY-111-E-004/G TO LINE-SCL-111-068	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578311	SCL-111-067-C12A	BAY-111-E-004/H TO LINE-SCL-111-068	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578312	SCL-111-068-C12A	LINE-SCL-111-060 TO LINE-SCL-111-073	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578313	SCL-111-069-C12A	111-PV-052 TO 111-D-008	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578314	SCL-111-070-C12A	BAY-111-E-004/I TO LINE-SCL-111-068	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578315	SCL-111-071-C12A	BAY-111-E-004/J TO LINE-SCL-111-068	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578316	SCL-111-072-C12A	BAY-111-E-004/K TO LINE-SCL-111-068	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578317	SCL-111-073-C12A	BAY-111-E-004/L TO LINE-SCL-111-068	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578318	SCL-111-110-C12A	LINE-SCL-131-006 TO DEAERATO-111-D-001	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578319	SCL-111-111-C12A	LINE-SCL-111-110 TO DEAERATO-111-D-002	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578320	SCL-111-112-C12A	LINE-SCL-111-023 TO LINE-SCL-111-031	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578321	SCL-111-113-C12A	111-D-008 TO STORM WATER DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578322	SCL-111-114-C12A	EXHAUST HEAD TO STORM WATER DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578323	SCL-111-115-C12A	DEAERATO-111-D-001 TO LINE-SCL-111-031	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578324	SCL-111-116-C12A	DEAERATO-111-D-002 TO LINE-SCL-111-031	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578325	SCL-111-117-C12A	DEAERATO-111-D-002 TO LINE-SCL-111-031	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578326	SH-111-001-C63A	END FLANGE TO LINE-SH-111-021	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578327	SH-111-002-C63A	BOILER -111-B-001 TO LINE-SH-111-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578328	SH-111-003-C63A	BOILER -111-B-002 TO LINE-SH-111-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578329	SH-111-004-C63A	BOILER -111-B-003 TO LINE-SH-111-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578330	SH-111-005-C63A	LINE-SH-111-001 TO 111-PV-008A	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578331	SH-111-006-C63A	LINE-SH-111-001 TO 111-PV-008B	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578332	SH-111-013-C63A	LINE-SH-111-001 TO TURBINE-110-GS-004	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578333	SH-111-014-C63A	LINE-SH-111-001 TO TURBINE-110-GS-005	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578334	SH-111-016-C63A	LINE-SH-111-001 TO LINE-SH-111-048	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578335	SH-111-017-C63A	LINE-SH-111-048 TO TURBINE-GS-002	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578336	SH-111-019-C63A	LINE-SH-111-016 TO TURBINE-GS-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578337	SH-111-020-C63A	LINE-SH-111-016 TO TURBINE-GS-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578338	SH-111-021-C63A	LINE-SH-111-001 TO LINE-SH-111-022	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578339	SH-111-022-C63A	LINE-SH-111-021 TO AROMATICS-SH-50-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578340	SH-111-023-C63A	LINE-SH-111-001 TO 111-PSV-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578341	SH-111-024-C63A	111-PSV-001 TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578342	SH-111-025-C63A	LINE-SH-111-001 TO 111-PSV-003A	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578343	SH-111-026-C63A	111-PSV-003A TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578344	SH-111-027-C63A	LINE-SH-111-001 TO 111-PSV-003B	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578345	SH-111-028-C63A	111-PSV-003B TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310578346	SH-111-029-C63A	LINE-SH-111-001 TO 111-PSV-003C	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578347	SH-111-030-C63A	111-PSV-003C TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578348	SH-111-031-C63A	LINE-SH-111-001 TO 111-PSV-003D	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578349	SH-111-032-C63A	111-PSV-003D TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578350	SH-111-041-C63A	LINE-SH-111-001 TO PV-058 A/B	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578351	SH-111-043-C63A	LINE-SH-111-016 TO TURBINE-GS-002	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578352	SH-111-044-C63A	BOILER-111-B-004 TO LINE-SH-111-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578353	SH-111-045-C63A	LINE-SH-111-001 TO 111-PSV-002	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578354	SH-111-046-C63A	111-PSV-002 TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578355	SH-111-047-C63A	LINE-SH-111-001 TO TURBINE-GS-009	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578356	SH-111-048-C63A	LINE-SH-111-016 TO LINE-SH-111-017	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578357	SH-111-049-C63A	LINE-SH-111-048 TO TURBINE-GS-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578358	SH-111-050-C12A	CONTRL VALVE-119-PV-058A TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310578359	SH-111-051-C12A	CONTRL VALVE-119-PV-058B TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310578360	SH-111-052-C63A	LINE-SH-111-001 TO 111-PSV-003E	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578361	SH-111-053-C12A	111-PSV-003E TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310578362	SL-111-002-C12A	SL-111-002-C12A:LP STEAM	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578363	SL-111-003-C12A	LINE-SL-111-002 TO 111-PV-051	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578364	SL-111-004-C12A	111-PV-051 TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578365	SL-111-011-C12A	LINE-SL-111-002 TO LINE-SL-111-012	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578366	SL-111-012-C12A	LINE-SL-111-011 TO AROMATICS-SL-50-001	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578367	SL-111-013-C12A	LINE-SL-101-005 TO TANK-102-F-001	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578368	SL-111-014-C12A	LINE-SL-101-005 TO HEADER	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578369	SL-111-015-C12A	LINE-SL-101-014 TO TANK-102-F-003	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578370	SL-111-017-C12A	LINE-SL-101-002 TO LINE-SL-107-002/1	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578371	SL-111-018-C12A	CBD DRUM-111-D-004 TO LINE-SL-111-002	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578372	SL-111-021-C12A	LINE-SL-101-002 TO N2 PACKAGE-109-Y-001	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578373	SL-111-052-C12A	LINE-SL-111-002 TO 111-PV-040A	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578374	SL-111-064-C12A	LINE-SL-111-002 TO 111-PV-007	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578375	SL-111-065-C12A	111-PSV-007 TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578376	SL-111-066-C12A	LINE-SL-111-002 TO 111-PSV-009A	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578377	SL-111-067-C12A	111-PSV-009A TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578378	SL-111-068-C12A	LINE-SL-111-002 TO 111-PSV-009B	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578379	SL-111-069-C12A	111-PSV-009B TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578380	SL-111-070-C12A	LINE-SL-111-002 TO 111-PSV-009C	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578381	SL-111-071-C12A	111-PSV-009C TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578382	SL-111-073-C12A	LINE-SL-111-011 TO MAINTENANCE WORKSHOPS	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578383	SL-111-074-C12A	LINE-SL-111-002 TO PTA PLANT	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578384	SL-111-075-C12A	LINE-SL-111-002 TO 111-PSV-009D	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578385	SL-111-076-C12A	111-PSV-009D TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578386	SL-111-112-C12A	LINE-SL-111-002 TO 111-PSV-008	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578387	SL-111-113-C12A	111-PSV-008 TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578388	SL-111-114-C12A	LINE-SL-111-002 TO DEAERATOR-111-D-001	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578389	SL-111-115-C12A	LINE-SL-111-002 TO DEAERATOR-111-D-002	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578390	SL-111-116-C12A	LINE-SL-111-052 TO 111-PV-040B	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578391	SL-111-117-C12A	LINE-SL-111-115 TO DEAERATOR-111-D-002	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310578393	SLL-111-031-C12A	END FLANGE TO LINE-SLL-117-001	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578394	SLL-111-032-C12A	TURBINE-111-GS-001 TO LINE-SLL-111-031	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578395	SLL-111-033-C12A	TURBINE-111-GS-002 TO LINE-SLL-111-031	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578396	SLL-111-035-C12A	TURBINE-111-GS-004 TO LINE-SLL-111-031	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578397	SLL-111-036-C12A	TURBINE-111-GS-005 TO LINE-SLL-111-031	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578398	SLL-111-038-C12A	BOILER-111-B-001 TO LINE-SLL-111-031	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578399	SLL-111-039-C12A	BOILER-111-B-002 TO LINE-SLL-111-031	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578400	SLL-111-040-C12A	BOILER-111-B-003 TO LINE-SLL-111-031	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578401	SLL-111-042-C12A	LINE-SLL-111-031 TO DEAERATOR-111-D-001	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578402	SLL-111-043-C12A	LINE-SLL-111-042 TO DEAERATOR-111-D-002	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578403	SLL-111-051-C12A	LINE-SLL-111-031 TO LINE-SLL-111-081	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578404	SLL-111-053-C12A	111-PV-040A TO LINE-SLL-111-031	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578405	SLL-111-057-C12A	COND DRUM-111-D-008 TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578406	SLL-111-061-C12A	LINE-SLL-111-031 TO 111-PV-053	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578407	SLL-111-062-C12A	111-PV-053B TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578408	SLL-111-080-C12A	LINE-SLL-111-051 TO END CAP	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578409	SLL-111-081-C12A	LINE-SLL-111-080 TO END CAP	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578410	SLL-111-083-C12A	LINE-SLL-111-080 TO BAY-111-E-004/A	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578411	SLL-111-084-C12A	LINE-SLL-111-080 TO BAY-111-E-004/B	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578412	SLL-111-085-C12A	LINE-SLL-111-080 TO BAY-111-E-004/C	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578413	SLL-111-086-C12A	LINE-SLL-111-080 TO BAY-111-E-004/D	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578414	SLL-111-087-C12A	LINE-SLL-111-080 TO BAY-111-E-004/E	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578415	SLL-111-088-C12A	LINE-SLL-111-080 TO BAY-111-E-004/F	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578416	SLL-111-089-C12A	LINE-SLL-111-081 TO BAY-111-E-004/G	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578417	SLL-111-090-C12A	LINE-SLL-111-081 TO BAY-111-E-004/H	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578418	SLL-111-091-C12A	LINE-SLL-111-081 TO BAY-111-E-004/I	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578419	SLL-111-092-C12A	LINE-SLL-111-081 TO BAY-111-E-004/J	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578420	SLL-111-093-C12A	LINE-SLL-111-081 TO BAY-111-E-004/K	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578421	SLL-111-094-C12A	LINE-SLL-111-081 TO BAY-111-E-004/L	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578422	SLL-111-100-C12A	LINE-SLL-111-042 TO DEAERATOR-111-D-001	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578423	SLL-111-101-C12A	LINE-SLL-111-043 TO DEAERATOR-111-D-002	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578424	SLL-111-104-C12A	SLL-111-104-C12A:LLP STEAM	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578425	SLL-111-105-C12A	TURBINE-111-GS-009 TO LINE-SLL-111-031	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578426	SLL-111-106-C12A	LINE-SLL-111-031 TO 111-PSV-010	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578427	SLL-111-107-C12A	111-PSV-010 TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578428	SLL-111-109-C12A	111-PSV-012A TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578429	SLL-111-110-C12A	LINE-SLL-111-031 TO 111-PSV-012B	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578430	SLL-111-111-C12A	111-PSV-012B TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578431	SLL-111-118-C12A	LINE-SLL-111-031 TO 111-PSV-011	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578432	SLL-111-119-C12A	111-PSV-011 TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578433	SLL-111-120-C12A	BOILER-111-B-004 TO LINE-SLL-111-031	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578434	SLL-111-121-C12A	COND TRIM-111-E-004 TO	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578435	SLL-111-122-C12A	111-PV-040B TO LINE-SLL-111-053	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578436	SLL-111-127-C12A	000-PSV-053A TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578437	SLL-111-128-C12A	BFW PUMP TURB EXH TO 000-PSV-943	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578438	SLL-111-129-C12A	000-PSV-943 TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578439	SLL-111-130-C12A	BFW PUMP TURB EXH TO 000-PSV-953	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578440	SLL-111-131-C12A	000-PSV-953 TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578441	SLL-111-132-C12A	BFW PUMP TURB EXH TO 000-PSV-973	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578442	SLL-111-133-C12A	000-PSV-973 TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578443	SM-111-002-C32A	END FLANGE TO LINE-SM-111-068	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578444	SM-111-003-C32A	LINE-SM-111-002 TO LINE-SM-111-059	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578445	SM-111-004-C32A	LINE-SM-111-002 TO LINE-SM-111-060	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578446	SM-111-011-C32A	LINE-SM-111-002 TO LINE-SM-111-012	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578447	SM-111-021-C32A	LINE-SM-111-002 TO 111-PSV-004	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578448	SM-111-022-C32A	111-PSV-004 TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578449	SM-111-023-C32A	LINE-SM-111-002 TO 111-PSV-006A	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578450	SM-111-024-C32A	111-PSV-006A TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578451	SM-111-025-C32A	LINE-SM-111-002 TO 111-PSV-006B	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578452	SM-111-026-C32A	111-PSV-006B TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578453	SM-111-027-C32A	LINE-SM-111-002 TO 111-PSV-006C	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578454	SM-111-028-C32A	111-PSV-006C TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578455	SM-111-029-C32A	LINE-SM-111-002 TO 111-PSV-006D	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578456	SM-111-030-C32A	111-PSV-006D TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578457	SM-111-031-C32A	SM-111-031-C32A:MP STEAM	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578458	SM-111-032-C32A	SM-111-032-C32A:MP STEAM	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578459	SM-111-034-C32A	LINE-SM-111-002 TO BOILER-111-B-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578460	SM-111-035-C32A	LINE-SM-111-002 TO BOILER-111-B-002	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578461	SM-111-036-C32A	LINE-SM-111-002 TO BOILER-111-B-003	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578462	SM-111-037-C32A	SM-111-066 TO 115-GS-001-AUXILIARIES	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578463	SM-111-038-C32A	SM-111-066 TO 115-GS-002-AUXILIARIES	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578464	SM-111-055-C63A	111-PV-008A TO LINE-SM-111-002	B	MECH-05	Pipe / Fittings	LED DOWN STATION SYSTEM AREA-111		Zone 5
	310578465	SM-111-056-C63A	111-PV-008B TO LINE-SM-111-002	B	MECH-05	Pipe / Fittings	LED DOWN STATION SYSTEM AREA-111		Zone 5
	310578466	SM-111-057-C32A	LINE-SM-111-002 TO 111-PV-059	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578467	SM-111-058-C12A	111-PV-059 TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578468	SM-111-059-C63A	LINE-SM-111-003 TO 111-PV-010A	B	MECH-05	Pipe / Fittings	LED DOWN STATION SYSTEM AREA-111		Zone 5
	310578469	SM-111-060-C63A	LINE-SM-111-004 TO LINE-SM-111-010B	B	MECH-05	Pipe / Fittings	LED DOWN STATION SYSTEM AREA-111		Zone 5
	310578470	SM-111-061-C32A	LINE-SM-111-002 TO LINE-SM-111-005	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578471	SM-111-062-C12A	111-PSV-005 TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310578472	SM-111-063-C32A	LINE-SM-111-002 TO LINE-SM-111-066	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578473	SM-111-064-C32A	SM-111-064-C32A:MP STEAM	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578474	SM-111-065-C32A	LINE-SM-111-002 TO BOILER-111-B-004	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578475	SM-111-066-C32A	LINE-SM-111-063 TO LINE-SM-111-038	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578476	SM-111-067-C32A	LINE-SM-111-002 TO LINE-SM-111-045	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578477	SM-111-068-C32A	LINE-SM-111-002 TO LINE-SM-111-017	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578478	SM-111-069-C32A	LINE-SM-111-002 TO 111-PSV-006E	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310578479	SM-111-070-C12A	111-PSV-066E TO ATMOSPHERE	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310578480	WBF-111-001-C12A	DEAERATOR-111-D-001 TO LINE-WBF-111-002	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578481	WBF-111-002-C12A	LINE-WBF-111-042 TO FLANGED END	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578482	WBF-111-004-C12A	LINE-WBF-111-002 TO BFW PUMP-111-G-004	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578483	WBF-111-005-C12A	LINE-WBF-111-002 TO BFW PUMP-111-G-005	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578484	WBF-111-006-C12A	LINE-WBF-111-002 TO BFW PUMP-111-G-006	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578485	WBF-111-007-C63A	BFW PUMP-111-G-004 TO LINE-WBF-111-010	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578486	WBF-111-008-C63A	BFW PUMP-111-G-005 TO LINE-WBF-111-010	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578487	WBF-111-009-C63A	BFW PUMP-111-G-006 TO LINE-WBF-111-010	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578488	WBF-111-010-C63A	FLANGED END TO LINE-WBF-111-021	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578489	WBF-111-011-C63A	WBF-111-011-C63A:BOILER FEED WATER	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578490	WBF-111-012-C63A	WBF-111-012-C63A:BOILER FEED WATER	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578491	WBF-111-013-C63A	WBF-111-013-C63A:BOILER FEED WATER	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578492	WBF-111-014-C63A	LINE-WBF-111-013 TO DEAERATOR-111-D-002	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578493	WBF-111-015-C12A	DEAERATOR-111-D-001 TO SAMPLE COOLER	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578494	WBF-111-016-C63A	LINE-WBF-111-010 TO BOILER-111-B-001	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578495	WBF-111-017-C63A	LINE-WBF-111-010 TO BOILER-111-B-002	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578496	WBF-111-018-C63A	LINE-WBF-111-010 TO BOILER-111-B-003	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578497	WBF-111-021-C63A	LINE-WBF-111-010 TO LINE-WBF-111-022	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578498	WBF-111-034-C12A	DEAERATOR-111-D-002 TO SAMPLE COOLER	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578499	WBF-111-035-C12A	WBF-111-035-C12A:BOILER FEED WATER	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578500	WBF-111-036-C63A	LINE-WBF-111-011 TO DEAERATOR-111-D-002	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578501	WBF-111-037-C63A	LINE-WBF-111-012 TO DEAERATOR-111-D-002	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578502	WBF-111-040-C12A	DEAERATOR-111-D-001 TO LINE-WBF-111-002	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578503	WBF-111-041-C12A	DEAERATOR-111-D-002 TO LINE-WBF-111-002	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578504	WBF-111-042-C12A	DEAERATOR-111-D-002 TO LINE-WBF-111-002	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578505	WBF-111-043-C63A	WBF-111-043-C63A:BOILER FEED WATER	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578506	WBF-111-044-C63A	LINE-WBF-111-043 TO DEAERATOR-111-D-001	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578507	WBF-111-045-C12A	LINE-WBF-111-002 TO BFW PUMP-111-G-009	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578508	WBF-111-046-C63A	BFW PUMP-111-G-009 TO LINE-WBF-111-010	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578509	WBF-111-049-C63A	LINE-WBF-111-010 TO BOILER-111-B-004	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578510	WBF-111-050-C63A	WBF-111-050-C63A:BOILER FEED WATER	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578511	WBF-111-051-C63A	WBF-111-051-C63A:BOILER FEED WATER	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578512	WBF-111-052-C63A	WBF-111-052-C63A:BOILER FEED WATER	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578513	WBF-111-053-C63A	WBF-111-053-C63A:BOILER FEED WATER	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578514	WBF-111-054-C63A	WBF-111-054-C63A:BOILER FEED WATER	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578515	WBF-111-055-C12A	WBF-111-055-C12A:BOILER FEED WATER	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578516	WBF-111-056-C12A	WBF-111-056-C12A:BOILER FEED WATER	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310578517	WDM-111-001-S10A	LV-001 TO 111-F-001	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578518	WDM-111-002-S10A	FV-006 TO LINE-WDM-111-001	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578519	WDM-111-003-S10A	LINE-WDM-111-002 TO FV-006 BYPASS	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578520	WDS-111-001-C63A	LINE-WBF-111-010 TO LINE-WDS-111-002	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578521	WDS-111-002-C63A	LINE-WDS-111-001 TO BOILER-111-B-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578522	WDS-111-003-C63A	LINE-WDS-111-001 TO BOILER-111-B-002	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578523	WDS-111-004-C63A	LINE-WDS-111-001 TO BOILER-111-B-003	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578524	WDS-111-005-C63A	LINE-WDS-111-001 TO BOILER-111-B-004	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578525	WDS-111-006-C63A	LINE-WDS-111-010 TO END CAP	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578526	WDS-111-007-C63A	WDS-111-007-C63A:DESUPERHEATING WATER	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578527	WDS-111-008-C63A	LINE-WDS-111-007 TO 111-TV-047B	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578528	WDS-111-009-C63A	LINE-WDS-111-008 TO 111-TV-047A	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578529	WDS-111-010-C63A	LINE-WDS-111-007 TO 111-TV-048A	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578530	WDS-111-011-C63A	LINE-WDS-111-010 TO 111-TV-048B	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578531	WDS-111-012-C63A	WDS-111-012-C63A:DESUPERHEATING WATER	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578532	WDS-111-013-C63A	LINE-WDS-111-012 TO 111-TV-049A	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578533	WDS-111-014-C63A	LINE-WDS-111-012 TO 111-TV-050A	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578534	WDS-111-015-C63A	LINE-WDS-111-013 TO 111-TV-049B	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578535	WDS-111-016-C63A	LINE-WDS-111-014 TO 111-TV-050B	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310578536	WFR-111-001-C12B	WFR-111-001-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578537	WFR-111-005-C12B	BOILER-111-B-001 TO LINE-WFR-111-002	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578538	WFR-111-006-C12B	BOILER-111-B-001 TO LINE-WFR-111-002	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578539	WFR-111-007-C12B	BOILER-111-B-002 TO LINE-WFR-111-003	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578540	WFR-111-008-C12B	BOILER-111-B-002 TO LINE-WFR-111-003	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578541	WFR-111-009-C12B	BOILER-111-B-003 TO LINE-WFR-111-004	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578542	WFR-111-010-C12B	BOILER-111-B-003 TO LINE-WFR-111-004	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578543	WFR-111-012-C12B	WFR-111-012-C12B:COOLING WATER RETURN	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578544	WFR-111-013-C12B	TURBINE-111-GS-004 TO LINE-WFR-110-002	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578545	WFR-111-014-C12B	TURBINE-111-GS-005 TO LINE-WFR-110-002	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578546	WFR-111-018-C12B	TURBINE-111-GS-009 TO LINE-WFR-110-002	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578547	WFS-111-011-C12B	WFS-111-011-C12B:COOLING WATER SUPPLY	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578548	WFS-111-012-C12B	LINE-WFS-116-050 TO TURBINE-111-GS-004	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578549	WFS-111-013-C12B	LINE-WFS-116-050 TO TURBINE-111-GS-005	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578550	WFS-111-017-C12B	LINE-WFS-116-050 TO TURBINE-111-GS-009	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310578552	WDM-112-001-S10A	WDM-112-001-S10A:DEMINERALISED WATER	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578554	WDM-112-002-S10A	DEMIN TANK-112-F-001 TO 112-G-002	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578556	WDM-112-003-S10A	WDM-112-002 TO 112-G-001	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578558	WDM-112-004-S10A	112-G-001 TO DISTRIBUTION-WDM-112-020	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578559	WDM-112-005-S10A	112-G-002 TO DISTRIBUTION-WDM-112-004	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578560	WDM-112-006-S10A	WDM-112-014 TO 112-F-001	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578561	WDM-112-007-C12A	TANK-112-F-001 TO DRAIN SWC	B	MECH-05	Pipe / Fittings	DEMINERALIZATION PLANT AREA-112		Zone 5
	310578562	WDM-112-027-S10A	WDM-112-027-S10A:DEMINERALISED WATER	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578563	WDM-112-033-S10A	WDM-112-002 TO PUMP-112-G-001	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578564	WSR-112-001-F10B	NEUT SUMP-112-Y-001 TO LINE-WSR-112-002	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310578565	SLL-113-004-C12A	000-PSV-008 TO VENT	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578566	WP-113-001-S10A	113-F-001-TANK TO WP-113-038	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310578567	WP-113-002-S10A	WP-113-001 TO PUMP-113-G-001	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310578568	WP-113-003-S10A	WP-113-041 TO WP-113-020	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310578569	WP-113-004-S10A	PUMP-113-G-002 TO WP-113-003	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310578570	WP-113-008-C12A	TANK-113-F-001 TO DRAIN SWC	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310578571	WP-113-021-S10A	LINE-WP-113-027 TO AROMATICS-WP-50-001	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310578572	WP-113-023-S10A	LINE-WP-113-022 TO PTA PLANT BL	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310578573	WP-113-029-S10A	LINE-WP-113-020 TO LINE-WRR-117-004	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310578574	WP-113-031-S10A	LINE-WP-113-020 TO LINE-WFS-116-015	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310578575	WP-113-032-S10A	LINE-WP-113-034 TO DEMIN PACK-112-Y-001	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310578576	WP-113-038-S10A	WP-113-001 TO 113-G-003-PUMP	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310578577	WP-113-041-S10A	PUMP-113-G-001 TO WP-113-003	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310578578	WP-113-042-S10A	WP-113-001 TO PUMP-113-G-002	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310578579	WP-113-043-S10A	PUMP-113-G-001 TO WP-113-003	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310578580	KH-114-001-Q10A	KH-114-001-Q10A:SODIUM HYPOCHLORITE	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578581	WD-114-001-S10A	TANK-114-F-001 TO PUMP-114-G-001	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310578582	WD-114-003-S10A	LINE-WD-114-001 TO PUMP-114-G-002	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310578583	WD-114-004-S10A	PUMP-114-G-002 TO LINE-WD-114-002	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310578587	WD-114-008-S10A	INLET VALVE LV 001 TO TANK-114-F-001	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310578590	PA-115-001-C10A	PA-110-002 TO 115-G-011/12	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310578591	SCL-115-001-C12A	SCL-115-001-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578592	SCL-115-002-C12A	SCL-115-002-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578593	SCL-115-003-C12A	LINE-SCL-115-001 TO LINE-SCL-111-107	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578594	SCL-115-005-C12A	SCL-115-005-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578595	SCL-115-006-C12A	CONDENSATE DUMP VALVE TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578596	SCL-115-007-C12A	CONDENSATE DUMP VALVE TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578597	SCL-115-008-C12A	SP-072 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578598	SCL-115-009-C12A	SP-072 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578599	SCL-115-010-C12A	LINE-SCL-115-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578600	SCL-115-011-C12A	LINE-SCL-115-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578601	SCL-115-012-C12A	SP-176 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578602	SCL-115-013-C12A	T&T VALVE-115-GS-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578603	SCL-115-014-C12A	GLAND COND-115-GE-009 TO SP-176	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578604	SCL-115-015-C12A	TURBINE-115-GS-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578605	SCL-115-016-C12A	GLAND SEALS-115-GS-020 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578606	SCL-115-017-C12A	T&T VALVE-115-GS-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578607	SCL-115-018-C12A	TURBINE-115-GS-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578608	SCL-115-019-C12A	GOVERNOR-115-GS-020 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578609	SCL-115-020-C12A	GLAND COND-115-GE-010 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578610	SCL-115-021-C12A	SP-176 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578611	SCL-115-022-C12A	TURBINE-115-GS-010 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578612	SCL-115-023-C12A	TURBINE-115-GS-020 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578613	SCL-115-024-C12A	SURF COND-115-GE-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578614	SCL-115-025-C12A	ANGLE VALVE-115-GS-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578615	SCL-115-026-C12A	SURF COND-115-GE-001 TO LINE-SCL-115-027	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578616	SCL-115-027-C12A	LINE-SCL-115-026 TO SURF PUMP-115-G-007	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578617	SCL-115-028-C12A	SCL-115-028-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578618	SCL-115-029-C12A	COND PUMP-115-G-007 TO LINE-SCL-115-001	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578619	SCL-115-030-C12A	SCL-115-030-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310578620	SCL-115-031-C12A	SURF COND-115-GE-002 TO LINE-SCL-115-032	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578621	SCL-115-032-C12A	LINE-SCL-115-031 TO COND.PUMP-115-G-017	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578622	SCL-115-033-C12A	GLAND SEALS-115-GS-007 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578623	SCL-115-034-C12A	SCL-115-034-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578624	SCL-115-035-C12A	ANGLE VALVE-115-GS-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578625	SCL-115-036-C12A	GLAND SEALS-115-GS-008 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578626	SCL-115-037-C12A	SURF COND-115-GE-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578627	SCL-115-038-C12A	INLET VALVE-115-GS-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578628	SCL-115-039-C12A	T&T VALVE-115-GS-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578629	SCL-115-040-C12A	T&T VALVE-115-GS-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578630	SCL-115-041-C12A	GLAND SEALS-115-GS-017 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578631	SCL-115-042-C12A	GLAND SEALS-115-GS-018 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578632	SCL-115-043-C12A	INLET VALVE-115-GS-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578633	SCL-115-044-C12A	T&T VALVE-115-GS-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578634	SCL-115-045-C12A	T&T VALVE-115-GS-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578635	SCL-115-046-C12A	TURBINE-115-GS-008 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578636	SCL-115-047-C12A	GOVERNOR-115-GS-008 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578637	SCL-115-048-C12A	TURBINE-115-GS-007 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578638	SCL-115-049-C12A	SCL-115-049-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578639	SCL-115-051-C12A	SCL-115-051-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578640	SCL-115-052-C12A	TURBINE-115-GS-017 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578641	SCL-115-053-C12A	TURBINE-115-GS-018 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578642	SCL-115-054-C12A	GOVERNOR-115-GS-018 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578643	SCL-115-055-C12A	GOVERNOR-115-GS-017 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578644	SCL-115-056-C12A	GLAND SEALS-115-GS-017 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578645	SCL-115-057-C12A	GOVERNOR-115-GS-010 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578646	SCL-115-058-C12A	COND PUMP-115-G-017 TO LINE-SCL-115-002	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578647	SCL-115-059-C12A	SP-076 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578648	SCL-115-060-C12A	SP-076 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578649	SCL-115-061-C12A	GOVERNOR-115-GS-007 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578650	SCL-115-062-C12A	LINE-SCL-115-031 TO COND.PUMP-115-G-018	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578651	SCL-115-063-C12A	LINE-SCL-115-026 TO COND.PUMP-115-G-008	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578652	SCL-115-064-C12A	SCL-115-064-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578653	SCL-115-065-C12A	SCL-115-065-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578654	SCL-115-066-C12A	SCL-115-066-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578655	SCL-115-067-C12A	SCL-115-067-C12A:STEAM CONDENSATE LOW PR	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578656	SCL-115-068-C63A	LINE-SH-111-049 TO SP-072	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578657	SCL-115-069-C32A	LINE-SH-111-037 TO SP-076	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578658	SCL-115-070-C63A	LINE-SH-111-017 TO SP-072	B	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310578659	SCL-115-071-C32A	LINE-SH-111-038 TO SP-076	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578660	SCL-115-072-C12A	LINE-SCL-115-028 TO COND PUMP-115-G-008	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578661	SCL-115-073-C12A	LINE-SCL-115-029 TO COND PUMP-115-G-007	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578662	SCL-115-074-C12A	LINE-SCL-115-058 TO COND PUMP-115-G-017	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578663	SCL-115-075-C12A	LINE-SCL-115-051 TO COND PUMP-115-G-018	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578664	SCL-115-086-C12A	LINE-SCL-115-029 TO 115-LCV-191	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578665	SCL-115-087-C12A	LINE-SCL-115-058 TO 115-LCV-291	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578666	SCL-115-088-C12A	TURBINE-115-GS-002 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578667	SCL-115-089-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578668	SCL-115-090-C12A	DRAIN FUNNEL TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578669	SCL-115-091-C12A	TURBINE-115-GS-001 TO SWC	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310578670	SLL-115-001-C12A	SLL-115-001-C12A:LLP STEAM	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578671	SLL-115-002-C12A	SLL-115-002-C12A:LLP STEAM	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578672	SLL-115-003-C12A	LINE-SLL-115-002 TO LINE-SLL-117-001	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578673	SLL-115-004-C12A	SEAL STEAM UNIT TO SURF COND-115-GE-001	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578674	SLL-115-005-C12A	SEAL STEAM UNIT TO SURF COND-115-GE-002	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578675	SLL-115-012-C12A	EJECTOR-115-GH-007 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578676	SLL-115-013-C12A	SEAL STEAM UNIT SRV TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578677	SLL-115-014-C12A	SEAL STEAM UNIT SRV TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578678	SLL-115-015-C12A	EJECTOR-115-GH-008 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578679	SLL-115-016-C12A	EJECTOR 1 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578680	SLL-115-017-C12A	EJECTOR 2 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578681	SLL-115-018-C12A	EJECTOR 3 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578682	SLL-115-019-C12A	EJECTOR 4 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578683	SLL-115-020-C12A	TURBINE-115-GS-008 TO LINE-SLL-115-001	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578684	SLL-115-021-C12A	EJECTOR 1 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578685	SLL-115-022-C12A	EJECTOR 2 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578686	SLL-115-023-C12A	EJECTOR 3 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578687	SLL-115-024-C12A	EJECTOR 4 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578688	SLL-115-025-C12A	TURBINE-115-GS-017 TO LINE-SLL-115-002	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578689	SLL-115-026-C12A	TURBINE-115-GS-018 TO LINE-SLL-115-002	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578690	SLL-115-027-C12A	CONDENSER-115-GE-004 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578691	SLL-115-028-C12A	CONDENSER-115-GE-006 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578692	SLL-115-029-C12A	115-GE-002-PSV RELIEF TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578693	SLL-115-030-C12A	SLL-115-030-C12A:LLP STEAM	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578694	SLL-115-031-C12A	SURF COND-115-GE-002 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578695	SLL-115-032-C12A	115-GE-001-PSV RELIEF TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578696	SLL-115-033-C12A	SLL-115-033-C12A:LLP STEAM	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578697	SLL-115-034-C12A	HOG EJECTOR-115-GH-001 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578698	SLL-115-035-C12A	TURBINE-115-GS-007 TO LINE-SLL-115-001	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578699	SLL-115-037-C12A	RELIEF LINE-115-PSV-011 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578700	SLL-115-038-C12A	RELIEF LINE-115-PSV-012 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578701	SLL-115-039-C12A	RELIEF LINE-115-PSV-008 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578702	SLL-115-040-C12A	RELIEF LINE-115-PSV-013 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578703	SLL-115-041-C12A	RELIEF LINE-115-PSV-014 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578704	SLL-115-042-C12A	RELIEF LINE-115-PSV-010 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578705	SLL-115-044-C12A	LINE-SLL-115-035 TO 115-PSV-011	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578706	SLL-115-045-C12A	LINE-SLL-115-020 TO 115-PSV-012	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578707	SLL-115-046-C12A	LINE-SLL-115-001 TO 115-PSV-008	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578708	SLL-115-047-C12A	LINE-SLL-115-025 TO 115-PSV-013	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578709	SLL-115-048-C12A	LINE-SLL-115-026 TO 115-PSV-014	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578710	SLL-115-049-C12A	LINE-SLL-115-002 TO 115-PSV-010	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578711	SLL-115-050-C12A	TURBINE-115-GS-020 TO LINE-SLL-115-002	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578712	SLL-115-051-C12A	TURBINE-115-GS-010 TO LINE-SLL-115-001	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310578713	SCL-117-017-C12A	LINE-SCL-117-003 TO SCL-117-047	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310586020	VFL-130-001-4-C12	130-PSV-001 TO VFL-130-002	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586021	VFL-130-002-4-D12	VFL-130-001 TO VFL-131-002	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586022	VFL-130-003-2-C12	VFL-130-003-2-C12C:VENT TO FLARE LOW PRE	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586023	VFL-130-004-2-C12	130-D-003(PSV-003) TO VFL-131-001	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586047	FL-119-001-42-D12	LP FL DRUM-119-D-002 TO LP FL WATER SEAL	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586048	FL-119-004-42-D12	LP FLARE WATER SEAL TO LP FLARE STACK	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586049	VFL-119-005-6-C12	VFL-119-005-6-C12C:VENT TO FLARE LOW PRE	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586050	VFL-119-008-6-D12	VFL-119-005 TO LP FLARE WATER SEAL	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586056	CD-000-008-3-C12A	000-D-001 TO GULLEY SUCKER	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586057	CD-000-009-3-C12A	000-D-001 TO GULLEY SUCKER	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586249	FL-131-001-42"-D1	VFL-131-003 TO LP FL DRUM-119-D-002	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586250	FL-131-002-16"-D1	VFL-131-002-16"-D12A:VENT TO FLARE LOW P	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586251	FL-131-003-40"-D1	AROMATICS-VF-50-107 TO VFL-131-001	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586252	FH-131-001-48"-C1	VFH-131-002 TO HP FL DRUM-119-D-001	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586253	FH-131-002-36"-C1	VFH-131-005 TO VFH-131-001	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586265	FH-119-001-48"-C1	VFH-119-001-48"-C12C:VENT TO FLARE HIGHP	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586266	FH-119-003-6"-C12	VFH-119-003-6"-C12C:VENT TO FLARE HIGHPR	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586267	FH-119-004-48"-C1	HP FLARE WATER SEAL TO HP FLARE STACK	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586287	SL-119-001-3"-C12A	119-G-002-STEAM TURB TO ATMOS	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586288	SL-119-002-3"-C12A	119-G-004-STEAM TURB TO TO ATMOS	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586293	CM-119-001-2"-C32	HP FL DRUM-119-D-001 TO STEAM TRAP	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586294	CM-119-002-2"-C12	STEAM TRAP TO SCM-119-005	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586295	CM-119-003-2"-D32	LP FL DRUM-119-D-002 TO STEAM TRAP	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586296	CM-119-004-2"-C12	STEAM TRAP TO FLASH POT	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586297	CM-119-005-2"-C12	SCM-119-002 TO FLASH POT	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586298	CM-119-006-2"-C32	119-Y-001 TO FLASH POT	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586299	119-001-6"-C12A-I	HP FL DRUM-119-D-001 TO PUMP-119-G-001	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586300	119-002-6"-C12A-I	HP FL DRUM-119-D-001 TO PUMP-119-G-002	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586301	119-003-6"-D12A-I	LINE-P-119-005 TO CD DRUM-000-D-001	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586302	119-004-4"-D12A-I	PUMP-119-G-002 TO LINE-P-119-003	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586303	119-005-4"-D12A-I	PUMP-119-G-001 TO LINE-P-119-003	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586304	119-006-6"-D12A-I	LP FL DRUM-119-D-002 TO PUMP-119-G-003	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586305	119-007-6"-D12A-I	LP FL DRUM-119-D-002 TO PUMP-119-G-004	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586306	119-008-6"-D12A-I	PUMP-119-G-003 TO LINE-P-119-003	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586307	119-009-4"-D12A-I	PUMP-119-G-004 TO LINE-P-119-008	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586309	P-119-023-3"-C12C	PUMP-119-G-008 TO CPI SEPARATOR	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586315	P-119-029-3"-C12C	LINE-P-119-023 TO LINE-P-119-003	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586316	P-119-030-1"-C12C	P-119-030-1"-C12C:PROCESS	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310586317	P-119-031-1"-C12C	LINE-P-119-023 TO LINE-P-119-030	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586318	P-119-032-1"-C12C	PUMP-119-G-007 TO TRIM	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586319	P-119-033-1"-C12C	PUMP-119-G-008 TO TRIM	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586321	P-119-037-3"-C12C	PUMP-119-G-007 TO LINE-P-119-023	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586322	P-119-039-6"-C32A	LINE-P-119-038 TO P-103-099	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586323	G-119-001-2"-C12A	FG-119-001-2"-C12C:FUEL GAS	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586324	G-119-002-1"-C12A	FG-119-002-1"-C12C:FUEL GAS	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586325	G-119-003-1"-C12A	FG-119-003-1"-C12C:FUEL GAS	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586326	G-119-004-1"-C12A	FG-119-004-1"-C12C:FUEL GAS	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586327	G-119-005-1"-C12A	FG-119-005-1"-C12C:FUEL GAS	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586328	G-119-006-1"-C12A	FG-119-006-1"-C12C:FUEL GAS	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586329	G-119-007-1"-C12A	FG-119-007-1"-C12C:FUEL GAS	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586330	G-119-008-1"-C12A	FG-119-008-1"-C12C:FUEL GAS	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586331	G-119-009-2"-C12A	119-Y-001-IGNITION PNL TO HP FLARE SEAL	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586332	G-119-010-2"-C12A	119-Y-001-IGNITION PNL TO HP FLARE SEAL	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586333	G-119-011-2"-C12A	FG-119-011-2"-C12C:FUEL GAS	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586334	G-119-012-1"-C12A	FG-119-012-1"-C12C:FUEL GAS	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586335	G-119-013-2"-D12	FG-119-013-2"-D12A:FUEL GAS	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586336	G-119-015-14"-C12	LINE-FG-119-014 TO LINE-H-131-007	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586337	G-119-016-14"-C12	LINE-FG-119-014 TO LINE-H-131-007	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586338	G-119-017-2"-C12A	FG-119-017-2"-C12C:FUEL GAS	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586339	G-119-018-2"-C12A	FG-119-018-2"-C12C:FUEL GAS	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310586341	D-119-024-2"-C12	119-D-005-LP DRUM SUMP TO GULLY SUCKER	B	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310642132	CD-132-002-F10A	LINE CD-132-005 TO LINE-CD-132-003	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642133	CD-132-003-F10A	LINE CD-132-002 TO LINE-CD-132-004	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642135	CD-132-005-S10A	PTA PLANT TO LINE-CD-132-002	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642136	CS-124-019-C15A-E	KCS-124-021 TO INCINERATOR	A	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310642137	CS-124-021-C15A-E	KCS-124-006 TO PT UNIT	A	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310642138	CS-124-022-C15A-E	KCS-124-023 TO AROMATICS-KCS-50-001	A	MECH-05	Pipe / Fittings	CAUSTIC SYSTEM AREA-124		Zone 5
	310642139	WRR-121-001-C12E	INCINEATOR-121-Y-001 TO LINE-WRR-117-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642140	EWS-120-001-F10A	EFFLUENT TREATMENT TO ROYAL COMM. EAST B	D	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310642148	KPI-118-001-C12A	KPI-118-002 TO WF-118-001	D	MECH-05	Pipe / Fittings	DEMINERALIZATION PLANT AREA-112		Zone 5
	310642149	KPI-118-002-C12A	4700-U01-TI-010 TO WF-118-210	D	MECH-05	Pipe / Fittings	DEMINERALIZATION PLANT AREA-112		Zone 5
	310642150	KH-118-001-Q10A	KH-118-002 TO WF-118-008	C	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310642151	KH-118-002-Q10A	4700-U01-TI-011 TO WF-118-210	D	MECH-05	Pipe / Fittings	SEA WATER SYSTEM AREA-115		Zone 5
	310642152	L0-117-001-S10A	LUBE OIL PACKAGE TO TURBINE PACK-117-GS-	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642153	L0-117-002-S10A	OIL PUMP-117-G-005 TO LUBE OIL PACKAGE	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642154	L0-117-003-S10A	LUBE OIL PACKAGE TO OIL PUMP-117-G-005	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642155	L0-117-004-S10A	TURBINE-117-GS-001 TO OIL TANK-117-GF-00	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642156	L0-117-005-S10A	DRAIN FROM LUBE OIL SKID TO FLOOR DRAIN	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642157	L0-117-006-S10A	DRAIN FROM LUBE OIL SKID TO FLOOR DRAIN	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642158	KB-117-001-S10A	CHEM INJ PKG-116-Y-001 TO LINE-WRS-117-0	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642159	KNI-117-001-C12A	CHEM INJ PKG-116-Y-001 TO LINE-WRS-117-0	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642160	WFS-116-001-C12E	HEADER-WFS-116-121 TO TURBINE-WFS-116-00	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642161	LO-116-001-S10A	OIL FILTERS-116-GV-001/2 TO TURBINE-116-	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642162	LO-116-002-S10A	OIL PUMP-116-G-009 TO OIL TANK-116-GF-00	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642163	LO-116-003-S10A	OIL TANK-116-GF-001 TO OIL PUMP-116-G-00	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642164	LO-116-004-S10A	TURBINE-116-GS-001 TO OIL TANK-116-GF-00	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642165	LO-116-005-S10A	OIL FILTERS-116-GV-003/4 TO TURBINE-116-	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642166	LO-116-006-S10A	OIL PUMP-116-G-019 TO OIL TANK-116-GF-00	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642167	LO-116-007-S10A	OIL TANK-116-GF-002 TO OIL PUMP-116-G-01	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642168	LO-116-008-S10A	TURBINE-116-GS-002 TO OIL TANK-116-GF-00	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642169	KNI-116-001-C12A	CHEM INJ PKG-116-Y-001 TO LINE-WFS-116-0	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642170	KB-116-001-S10A	CHEM INJ PKG-116-Y-001 TO WFS-116-012	C	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642171	H-135-001-C123	LINE-P-14535-6* TO H-130-001-WEST BAT LI	A	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310642172	H-135-002-S104	TIEIN T-001(YANPET) TO H-130-001	A	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310642173	H-135-001-S104	LINE-P-14535-6* TO TIEIN T-002-VFD-14501	A	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310642174	P-134-001-C32C	ARAMCO NGL PLANT (C4'S) TO P-130-005-MET	A	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642175	P-134-002-D32A	ARAMCO NGL PLANT (C3'S) TO P-134-003-EAS	A	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310642176	CSW-000-001-C12A	OFF SITES COLLECTION TO CSW-000-008-EAST	D	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310642177	CSW-000-002-C12A	CSW-000-001 TO CSW-000-001	D	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310642178	CSW-000-007-C12A	000-G-021(000-T-011) TO CD-132-003	D	MECH-05	Pipe / Fittings	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310642179	VFL-000-001-D12A	CD DRUM-000-D-001 TO LINE-VFL-131-002	A	MECH-05	Pipe / Fittings	FUEL GAS SYSTEM AREA-107		Zone 5
	310642180	WRR-104-001-C12E	LINE-WRR-104-003 TO LINE-WRR-117-019	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642181	WRR-104-002-C12E	PTA BAGGING PACKAGE TO LINE-WRR-104-004	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642182	WRR-104-003-Q12C	LINE-WRR-104-004 TO LINE-WRR-104-001	B	MECH-05	Pipe / Fittings	CHILLER B AREA117		Zone 5
	310642183	WRR-104-004-C12E	LINE-WRR-104-005 TO LINE-WRR-104-003	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642184	WRR-104-005-C12E	PTA CONVEYNG (WAESCALE) TO LINE-WRR-104-	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642185	SCL-106-001-C12A	TURBINE-106-GS-001 TO LOCAL DRAIN POT	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642186	SCL-106-002-C12A	LINE-SLL-106-001 TO LOCAL DRAIN	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642187	SLL-106-001-C12A	TURBINE-106-GS-001 TO LINE-SLL-111-031	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310642188	SLL-106-002-C12A	LINE-SLL-106-001 TO 000-PSV-005	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310642189	SLL-106-003-C12A	000-PSV-005 TO VENT	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310642191	FD-108-007-C12A	FD-108-006 TO PTA PLANT	C	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310642192	FD-108-009-C12A	FD-108-007 TO AROMATICS-FD-50-001	C	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310642193	D-108-016-2"-C12A	EMERGGEN DAY TANK TO OVERFLOW	C	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310642194	D-108-016-3"-C12A	FD-108-007 TO PTA PLANT	C	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310642195	FD-108-017-C12A	FD-108-004 TO FD-108-004	C	MECH-05	Pipe / Fittings	DIESEL SYSTEM AREA-108		Zone 5
	310642196	N-109-017-C12A	LINE-N-109-015 TO TANK-103-F-003	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642197	N-109-019-C12A	LINE-N-109-011 TO TANK-103-F-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642198	N-109-020-C12A	LINE-N-109-018 TO TANK-103-F-002	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642199	N-109-021-C12A	LINE-N-109-011 TO HOSE STATION	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642200	N-109-029-C12A	LINE-N-109-056 TO LINE-N-109-075	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642201	N-109-031-C12A	LINE-N-109-011 TO 116-PV-001A	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642202	N-109-032-C12A	LINE-N-109-011 TO 117-PV-001A	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642203	N-109-033-C12A	LINE-N-109-011 TO TIE IN 003	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642204	N-109-034-C12A	LINE-N-109-053 TO PTA TRANS PK-104-Y-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642205	N-109-035-C12A	LINE-N-109-006 TO INCINER PK-121-Y-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642206	N-109-037-C12A	LINE-N-109-011 TO DISTRIBUTION	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642207	N-109-038-C12A	LINE-N-109-010 TO HOSE STATION	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642208	N-109-041-C12A	LINE-N-109-057 TO TANK-103-F-005	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642209	N-109-042-C12A	LINE-N-109-057 TO TANK-103-F-006	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642210	N-109-043-C12A	LINE-N-109-053 TO PTA TRANS PK-104-Y-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642211	N-109-044-C12A	LINE-N-109-043 TO PTA TRANS PK-104-Y-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642212	N-109-045-C12A	POLYESTER PLANT TO PTA TRANS PK-104-Y-00	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642213	N-109-050-C12A	LINE-N-109-010 TO LAUNCHERS	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642214	N-109-051-C12A	LINE-N-109-050 TO WORKSHOPS	D	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642215	N-109-053-C12A	LINE-N-109-005 TO 4900-6"-001-TI-024	D	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642216	N-109-054-C12A	LINE-N-109-050 TO EFFLUENT TREATMENT	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642217	N-109-056-C12A	LINE-N-109-037 TO LINE-N-109-029	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642218	N-109-057-C12A	LINE-N-109-056 TO TANK103-F-005/6	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642219	N-109-058-C12A	LINE-N-109-053 TO PTA HANDLING SILO AREA	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642220	N-109-071-C12A	LINE-N-109-056 TO US-ORTHO XYLENE STGE	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642221	N-109-072-C12A	LINE-N-109-011 TO US-CHILLED/COOL WATER	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642222	N-109-073-C12A	LINE-N-109-011 TO US-FUEL GAS AREA	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642223	N-109-074-C12A	LINE-N-109-056 TO US-PROP & BUT STORAGE	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642224	N-109-075-S13A	LINE-N-109-029 TO TANK-102-F-001	B	MECH-05	Pipe / Fittings	NITROGEN SYSTEM AREA-109		Zone 5
	310642225	N-109-076-C12A	LINE-N-109-037 TO US-CLOSED DRAIN DRUM	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642226	N-109-077-C12A	LINE-N-109-050 TO FLARE KO DRUMS	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642227	N-109-078-C12A	LINE-N-109-005 TO LINE-N-109--079	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642228	N-109-079-C12A	LINE-N-109-078 TO US-019	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642229	N-109-080-C12A	LINE-N-109-050 TO EFFLUENT TREATMENT	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642230	N-109-200-C12A	LINE-N-109-018 TO US-001	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642231	N-109-201-C12A	LINE-N-109-029 TO US-002	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642232	N-109-202-C12A	LINE-N-109-071 TO US-003	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642233	N-109-203-C12A	LINE-N-109-074 TO US-004	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642234	N-109-204-C12A	LINE-N-109-015 TO US-005	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642235	N-109-205-C12A	LINE-N-109-027 TO US-006	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642236	N-109-207-C12A	LINE-N-109-072 TO US-009	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642237	N-109-208-C12A	LINE-N-109-073 TO US-010	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642238	N-109-209-C12A	LINE-N-109-076 TO US-014	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642239	N-109-210-C12A	LINE-N-109-050 TO US-015	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642240	N-109-211-C12A	LINE-N-109-007 TO US-017	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642241	N-109-212-C12A	LINE-N-109-078 TO US-018	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642242	N-109-213-C12A	LINE-N-109-079 TO US-019	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642243	N-109-214-C12A	LINE-N-109-005 TO US-020	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642244	N-109-215-C12A	LINE-N-109-005 TO US-021	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642245	N-109-216-C12A	LINE-N-109-005 TO US-022	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642246	N-109-217-C12A	LINE-N-109-005 TO US-023	B	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642247	SCL-109-001-C12A	N2 PACKAGE-109-Y-001 TO LINE-SCL-111-112	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642248	WFR-109-001-C12E	N2 PACKAGE-109-Y-001 TO LINE-WFR-110-002	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642249	WFR-109-002-C12E	N2 PACKAGE PSV RELIEF TO LINE-WFR-109-00	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310642250	AA-110-001-C10A	110-Y-001 TO AA-110-002	B	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110		Zone 5
	310642251	AA-110-002-C10A	AA-110-Y-001 TO AA-110-003	B	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110		Zone 5
	310642252	AA-110-003-C10A	AA-110-Y-002 TO AA-110-004	B	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110		Zone 5
	310642253	AA-110-005-C10A	AA-110-004 TO AROMATICS-AA-50-001	B	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110		Zone 5
	310642254	AA-110-014-C10A	AA-110-003 TO AA-110-015	B	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110		Zone 5
	310642255	AA-110-015-C10A	AA-110-014 TO PTA PLANT	B	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110		Zone 5
	310642256	AA-110-023-C10A	AA-110-001 TO 110-D-001	B	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110		Zone 5
	310642257	AA-110-024-C10A	AA-110-001 TO 110-D-002	B	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110		Zone 5
	310642258	AA-110-025-C10A	110-D-001 TO DRAIN	B	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110		Zone 5
	310642259	AA-110-026-C10A	110-D-002 TO DRAIN	B	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110		Zone 5
	310642260	AA-110-027-C12A	110-D-001 TO PSV-001/2	B	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110		Zone 5
	310642261	AA-110-028-C12A	PSV-001 TO ATMOS	B	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110		Zone 5
	310642262	AA-110-029-C12A	PSV-002 TO ATMOS	B	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110		Zone 5
	310642263	AA-110-030-C12A	110-D-001 TO PSV-003/4	B	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110		Zone 5
	310642264	AA-110-031-C12A	PSV-003 TO ATMOS	B	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110		Zone 5
	310642265	AA-110-032-C12A	PSV-004 TO ATMOS	B	MECH-05	Pipe / Fittings	COMPRESSORS AREA AREA-110		Zone 5
	310642266	IA-110-002-C10A	AA-110-002 TO PTA HANDLING FILLING AREA	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642267	IA-110-003-C10A	AA-110-002 TO NITROGEN PLANT	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642268	IA-110-004-C10A	AA-110-002 TO 111-B-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642269	IA-110-005-C10A	IA-110-008 TO TANKAGE ACETIC ACID	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642270	IA-110-007-C10A	IA-110-043 TO P-XYLENE TANKAGE	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642271	IA-110-008-C10A	AA-110-004 TO DISTRIBUTION WEST	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642272	IA-110-009-C10A	IA-110-008 TO BENZENE TANKAGE	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642273	IA-110-010-C10A	AA-110-004 TO EFFLUENT TREATMENT	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642274	IA-110-011-C10A	AA-110-004 TO EAST B/L METERING	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642275	IA-110-012-C10A	IA-110-011 TO FLARE IGNITION	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642276	IA-110-013-C10A	AA-110-014 TO INCINERATOR	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642277	IA-110-020-C10A	IA-110-008 TO SEAWATER PUMP AREA	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642278	IA-110-021-C10A	AA-110-002 TO 111-B-002	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642279	IA-110-022-C10A	AA-110-002 TO 111-B-003	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642280	IA-110-023-C10A	AA-110-002 TO 111-B-004	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642281	IA-110-031-C10A	IA-110-002 TO PTA HANDLING BLOWERS	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642282	IA-110-032-C10A	IA-110-002 TO PTA HANDLING BAGGING	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642283	IA-110-033-C10A	TIE -N-006-POLY PLANT TO PTA HANDLING SI	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642284	IA-110-041-C10A	AA-110-002 TO DEAERATOR-111-D-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642285	IA-110-042-C10A	AA-110-002 TO DEAERATOR-111-D-002	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642286	IA-110-043-C10A	IA-110-005 TO IA-110-007	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642287	IA-110-044-C10A	IA-110-005 TO DISTRIBUTION	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642288	IA-110-045-C10A	IA-110-002 TO PTA HANDLING SILOS	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642289	IA-110-046-C10A	IA-110-044 TO DISTRIBUTION	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642290	IA-110-047-C10A	IA-110-044 TO DISTRIBUTION	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642291	IA-110-048-C10A	IA-110-008 TO PLATE C/W EXCHANGERS	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642292	IA-110-049-C10A	IA-110-008 TO COOLING WATER PUMPS	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642293	IA-110-050-C10A	IA-110-008 TO FUEL GAS AREA	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642294	IA-110-051-C10A	IA-110-020 TO SEAWATER PUMP	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642295	IA-110-052-C10A	IA-110-008 TO CHILLED WATER PUMP	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642296	IA-110-053-C10A	IA-110-002 TO SAT. MAINT. AREA	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642297	IA-110-054-C10A	IA-110-020 TO SEA WATER POND INST	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642299	IA-110-056-C10A	IA-110-054 TO 101-D-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642300	IA-110-057-C10A	IA-110-054 TO 101-D-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642302	IA-110-059-C10A	IA-110-057 TO 101-D-002	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642303	IA-110-060-C10A	IA-110-057 TO 101-D-002	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642304	IA-110-061-C10A	TIE-IN TI-30-4900-023-IA TO FCV'S-4700-0	D	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642305	PA-110-001-C10A	LINE-PA-110-020 TO UTILITY AREA DISTRIBU	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642306	PA-110-002-C10A	LINE-PA-110-001 TO WEST SIDE DISTRIBUTIO	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642307	PA-110-003-C10A	LINE-PA-110-002 TO TANKAGE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642308	PA-110-004-C10A	LINE-PA-110-001 TO PA-110-002	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642309	PA-110-005-C10A	LINE-PA-110-002 TO MAINTENANCE WORKSHOPS	D	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642310	PA-110-006-C10A	LINE-PA-110-001 TO BOILER-111-B-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642311	PA-110-007-C10A	LINE-PA-110-001 TO PA-110-008	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642312	PA-110-008-N11A	LINE-PA-110-007 TO 123-D-008	B	MECH-05	Pipe / Fittings	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310642313	PA-110-020-C10A	LINE-PA-110-021 TO PA-110-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642314	PA-110-021-C10A	LINE-PA-110-001 TO PA-110-020	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642315	PA-110-022-C10A	LINE-PA-110-001 TO BOILER-111-B-003	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642316	PA-110-023-C10A	LINE-PA-110-001 TO BOILER-111-B-004	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642317	PA-110-024-C10A	LINE-PA-110-001 TO BOILER-111-B-002	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642318	PA-110-025-C10A	LINE-PA-110-002 TO BENZENE STORAGE AREA	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642319	PA-110-026-C10A	LINE-PA-110-003 TO LINE-PA-110-027	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642320	PA-110-027-C10A	LINE-PA-110-003 TO DISTRIBUTION	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642321	PA-110-028-C10A	LINE-PA-110-027 TO DISTRIBUTION	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642322	PA-110-029-C10A	LINE-PA-110-002 TO US-PLATE EXCHANGERS	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642323	PA-110-030-C10A	LINE-PA-117-001 TO US-CHILLER PACKAGE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642324	PA-110-031-C10A	LINE-PA-110-002 TO US-CHILLED/COOL WATER	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642325	PA-110-032-C10A	LINE-PA-110-002 TO US-FUEL GAS AREA	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642326	PA-110-033-C10A	LINE-PA-110-002 TO US-DRUM STORAGE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642327	PA-110-034-C10A	LINE-PA-110-002 TO MAINTENANCE WORKSHOPS	D	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642328	PA-110-035-C10A	LINE-PA-110-002 TO US-EFFL TREATMENT	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642329	PA-110-036-C10A	LINE-PA-110-002 TO CHEMICAL WAREHOUSE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642330	PA-110-037-C10A	LINE-PA-110-002 TO US-LAYDOWN AREA	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642331	PA-110-038-C10A	LINE-PA-110-027 TO DISTRIBUTION	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642332	PA-110-039-C10A	LINE-PA-110-003 TO US-CLOSED DRAIN DRUM	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642333	PA-110-040-C10A	LINE-PA-110-001 TO LINE-PA-110-041	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642334	PA-110-041-C10A	LINE-PA-110-040 TO US-019	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642336	PA-110-043-C10A	LINE-PA-110-001 TO INCINERATOR PACKAGE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642337	PA-110-044-C10A	LINE-PA-110-002 TO LABORATORY	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642338	PA-110-200-C10A	LINE-PA-110-023 TO US-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642339	PA-110-201-C10A	LINE-PA-110-027 TO US-002	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642340	PA-110-202-C10A	LINE-PA-110-028 TO US-003	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642341	PA-110-203-C10A	LINE-PA-110-038 TO US-004	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642342	PA-110-204-C10A	LINE-PA-110-026 TO US-005	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642343	PA-110-205-C10A	LINE-PA-110-002 TO US-006	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642344	PA-110-207-C10A	LINE-PA-110-029 TO US-007	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642345	PA-110-208-C10A	LINE-PA-110-030 TO US-008	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642346	PA-110-209-C10A	LINE-PA-110-031 TO US-009	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642347	PA-110-210-C10A	LINE-PA-110-032 TO US-010	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642348	PA-110-211-C10A	LINE-PA-110-033 TO US-011	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642349	PA-110-212-C10A	LINE-PA-110-035 TO US-012	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642350	PA-110-213-C10A	LINE-PA-110-037 TO US-013	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642351	PA-110-214-C10A	LINE-PA-110-039 TO US-014	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642352	PA-110-215-C10A	LINE-IA-110-011 TO US-015	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642353	PA-110-216-C10A	LINE-PA-115-001 TO US-016	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642354	PA-110-217-C10A	LINE-PA-110-014 TO US-017	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642355	PA-110-218-C10A	LINE-PA-110-001 TO US-018	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642356	PA-110-219-C10A	LINE-PA-110-041 TO US-019	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642357	PA-110-220-C10A	LINE-PA-110-001 TO US-020	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642358	PA-110-221-C10A	LINE-PA-110-001 TO US-021	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642359	PA-110-222-C10A	LINE-PA-110-001 TO US-022	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642360	PA-110-223-C10A	LINE-PA-110-001 TO US-023	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642361	PA-110-224-C10A	LINE-PA-110-001 TO US-024	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642362	PA-110-225-C10A	LINE-PA-110-001 TO US-025	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642363	PA-110-226-C10A	LINE-PA-110-036 TO US-026	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642364	SLL-110-001-C12A	TURBINE-110-YS-001 TO LINE-SLL-111-031	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310642365	SLL-110-002-C12A	PSV-005 TO ATMOS	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310642366	SLL-110-003-C12A	STM TURBINE-110-KS-001 TO PVS-005	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310642367	WFR-110-001-C12B	COMP AIR PK-110-Y-001 TO LINE-WFR-110-00	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642368	WFR-110-002-C12B	LINE-WFR-109-001 TO LINE-WFR-116-001	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642369	WFR-110-003-C12B	COMP AIR PK RELIEFS TO LINE-WFR-110-001	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642370	WRR-110-001-C12B	COMP AIR PK-110-Y-001 TO LINE-WRR-104-00	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642371	BD-111-008-C32A	BOILER-111-B-005 TO LINE-BD-111-D-014	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642372	BD-111-009-C32A	BOILER-111-B-006 TO LINE-BD-111-D-014	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642373	BD-111-013-C32A	LINE-BD-111-D-014 TO MANIFOLD	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642374	BD-111-014-C32A	LINE-BD-111-D-011 TO CAPPED END	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642375	BD-111-016-C63A	BOILER-111-B-001 TO EQUIPMENT DRAIN	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310642376	BD-111-017-C63A	BOILER-111-B-002 TO EQUIPMENT DRAIN	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310642377	BD-111-018-C63A	BOILER-111-B-003 TO EQUIPMENT DRAIN	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310642378	BD-111-019-C63A	BOILER-111-B-004 TO EQUIPMENT DRAIN	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310642379	BD-111-020-C12A	IBD DRUM-111-D-005 TO LINE-BD-111-D-015	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310642380	BD-111-022-C12A	MANIFOLD-111-BD-013 TO IBD DRUM-111-D-00	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310642381	BD-111-023-C12A	MANIFOLD-111-BD-013 TO IBD DRUM-111-D-00	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310642382	BD-111-024-C12A	MANIFOLD-111-BD-013 TO IBD DRUM-111-D-00	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310642383	BD-111-025-C12A	MANIFOLD-111-BD-013 TO IBD DRUM-111-D-00	B	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310642384	CD-111-001-C32A	BOILER-111-B-001 TO LINE-CD-106-001	A	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310642385	CD-111-002-C32A	BOILER-111-B-002 TO LINE-CD-106-001	A	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642386	CD-111-003-C32A	BOILER-111-B-003 TO LINE-CD-106-001	A	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642387	CD-111-004-C32A	BOILER-111-B-004 TO LINE-CD-106-001	A	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642388	FO-111-001-C32A	LINE-FO-106-003 TO BOILER-111-B-001	D	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642389	FO-111-002-C32A	LINE-FO-106-014 TO BOILER-111-B-001	D	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642390	FO-111-003-C32A	LINE-FO-106-003 TO BOILER-111-B-002	D	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642391	FO-111-004-C32A	LINE-FO-106-014 TO BOILER-111-B-002	D	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642392	FO-111-005-C32A	LINE-FO-106-003 TO BOILER-111-B-003	D	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642393	FO-111-006-C32A	LINE-FO-106-014 TO BOILER-111-B-003	D	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642394	FO-111-007-C32A	LINE-FO-106-003 TO BOILER-111-B-004	D	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642395	FO-111-008-C32A	LINE-FO-106-014 TO BOILER-111-B-004	D	MECH-05	Pipe / Fittings	FUEL OIL SYSTEM AREA-106		Zone 5
	310642396	KPI-111-001-C63A	CHEM INJ PK-111-Y-001 TO SP-114-WBF-111-	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310642397	KZ-111-001-C12A	CHEM INJ PK-111-Y-001 TO WBF-111-002	C	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	310642398	SCL-111-103-C12A	TURBINE-111-GS-001 TO LOCAL DRAIN POT	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642399	SCL-111-104-C12A	TURBINE-111-GS-002 TO LOCAL DRAIN POT	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642400	SCL-111-105-C12A	LINE-SL-111-032 TO LINE-SCL-111-103	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642401	SCL-111-106-C12A	LINE-SL-111-033 TO LINE-SCL-111-104	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642402	SCL-111-107-C12A	LINE-SCL-115-003 TO LINE-SCL-111-110	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642403	SCL-111-118-C12A	SP-046-EXH ST HEAD TO TO DRAIN AT GRADE	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642404	SCL-111-119-C12A	SP-047-EXH ST HEAD TO TO DRAIN AT GRADE	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642405	SCL-111-120-C12A	SP-078-EXH ST HEAD TO TO DRAIN AT GRADE	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642406	SCL-111-123-C12A	SP-134-EXH ST HEAD TO TO DRAIN AT GRADE	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642407	SCL-111-124-C12A	SP-177-EXH ST HEAD TO TO DRAIN AT GRADE	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642408	SCL-111-125-C12A	SP-177-EXH ST HEAD TO TO DRAIN AT GRADE	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642409	SH-111-012-C63A	LINE-SH-111-001 TO TURBINE-110-YS-001	B	MECH-05	Pipe / Fittings	BOILER # 01 AREA-111		Zone 5
	310642410	SL-111-119-C12A	LINE-SL-101-005 TO FLANGED END	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642411	SL-111-120-C12A	LINE-SL-111-014 TO TANK-103-F-004	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642412	SL-111-121-C12A	LINE-SL-111-013 TO US-ORTHO XYLENE	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642413	SL-111-122-C12A	LINE-SL-111-119 TO US-BENZENE STORAGE	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642414	SL-111-123-C12A	LINE-SL-111-119 TO US-PLATE EXCHANGERS	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642415	SL-111-124-C12A	LINE-SL-111-119 TO US-CHILLER PACKAGE	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642416	SL-111-125-C12A	LINE-SL-111-119 TO US-CHILLED/COOL WATER	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642417	SL-111-126-C12A	LINE-SL-111-119 TO US-FUEL GAS AREA	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642418	SL-111-127-C12A	LINE-SL-111-011 TO MAINTENANCE WORKSHOPS	D	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642419	SL-111-128-C12A	LINE-SL-111-127 TO US-LAYDOWN AREA	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642420	SL-111-129-C12A	LINE-SL-111-130 TO US-DRUM STORAGE	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642421	SL-111-130-C12A	LINE-SL-111-011 TO US-FLARE AREA	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642422	SL-111-131-C12A	IBD TANK-111-D-005 TO ATMOSPHERE SAFE LC	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642423	SL-111-132-C12A	LINE-SL-101-005 TO US-CLOSED DRAIN DRUM	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642424	SL-111-133-C12A	LINE-SL-111-002 TO LINE-SL-111-135	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642425	SL-111-134-C12A	CBD DRUM-PSV DISCH TO ATMOSPHERE SAFE LC	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642426	SL-111-135-C12A	LINE-SL-111-133 TO LINE-SL-111-217	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642428	SL-111-200-C12A	LINE-SL-111-122 TO US-001	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642429	SL-111-201-C12A	LINE-SL-111-103 TO US-002	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642430	SL-111-202-C12A	LINE-SL-111-121 TO US-003	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642431	SL-111-203-C12A	LINE-SL-111-005 TO US-004	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642432	SL-111-204-C12A	LINE-SL-111-014 TO US-005	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642433	SL-111-205-C12A	LINE-SL-111-130 TO US-006	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642434	SL-111-207-C12A	LINE-SL-111-123 TO US-007	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642435	SL-111-208-C12A	LINE-SL-111-124 TO US-008	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642436	SL-111-209-C12A	LINE-SL-111-125 TO US-009	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642437	SL-111-210-C12A	LINE-SL-111-210 TO US-010	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642438	SL-111-211-C12A	LINE-SL-111-128 TO US-011	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642439	SL-111-212-C12A	LINE-SL-111-129 TO US-012	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642440	SL-111-213-C12A	LINE-SL-111-132 TO US-014	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642441	SL-111-214-C12A	LINE-SL-115-002 TO US-016	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642442	SL-111-215-C12A	LINE-SL-111-074 TO US-017	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642443	SL-111-216-C12A	LINE-SL-111-133 TO US-018	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642444	SL-111-217-C12A	LINE-SL-111-135 TO US-019	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642445	SL-111-218-C12A	LINE-SL-111-133 TO US-020	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642446	SL-111-219-C12A	LINE-SL-111-133 TO US-021	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642447	SL-111-220-C12A	LINE-SL-111-002 TO US-022	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642448	SL-111-221-C12A	LINE-SL-111-002 TO US-023	B	MECH-05	Pipe / Fittings	COMPRESSOR AREA AREA-109		Zone 5
	310642449	SLL-111-123-C12A	LINE-SLL-111-032 TO 000-PSV-006	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310642450	SLL-111-124-C12A	000-PSV-006 TO VENT	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310642451	SLL-111-125-C12A	LINE-SLL-111-033 TO 000-PSV-007	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310642452	SLL-111-126-C12A	000-PSV-007 TO VENT	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310642453	SM-111-012-C32A	LINE-SM-111-011 TO TURBINE-111-GS-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642454	SM-111-013-C32A	LINE-SM-111-011 TO TURBINE-111-GS-002	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642455	SM-111-014-C32A	LINE-SM-111-002 TO TURBINE-111-GS-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642456	SM-111-015-C32A	LINE-SM-111-002 TO INCINERATOR-121-Y-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642457	SM-111-016-C32A	LINE-SM-111-068 TO FLARE-119-Y-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642458	SM-111-017-C32A	LINE-SM-111-068 TO AROMATICS-SM-50-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642459	SM-111-039-C32A	LINE-SM-111-063 TO LINE-SM-111-040	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642460	SM-111-040-C32A	LINE-SM-111-039 TO TURBINE-101-GS-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642461	SM-111-041-C32A	LINE-SM-111-039 TO TURBINE-101-GS-002	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642462	SM-111-042-C32A	LINE-SM-111-039 TO TURBINE-101-GS-003	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642463	SM-111-043-C32A	LINE-SM-111-039 TO TURBINE-101-GS-004	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642464	SM-111-044-C32A	LINE-SM-111-067 TO TURBINE-101-GS-001	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642465	SM-111-045-C32A	LINE-SM-111-067 TO TURBINE-101-GS-002	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642466	SM-111-071-C32A	LINE-SM-111-042 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642467	SM-111-072-C32A	LINE-SM-111-043 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642468	SM-111-073-C32A	LINE-SM-111-014 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642469	SM-111-074-C32A	LINE-SM-111-012 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642470	SM-111-075-C32A	LINE-SM-111-013 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642471	SM-111-076-C32A	LINE-SM-111-044 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642472	SM-111-077-C32A	LINE-SM-111-045 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642473	SM-111-078-C32A	LINE-SM-111-040 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642474	SM-111-079-C32A	LINE-SM-111-041 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642475	SM-111-080-C32A	LINE-SM-111-042 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642476	SM-111-081-C32A	LINE-SM-111-043 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642477	SM-111-082-C32A	LINE-SM-111-014 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642478	SM-111-083-C32A	LINE-SM-111-012 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642479	SM-111-084-C32A	LINE-SM-111-013 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642480	SM-111-085-C32A	LINE-SM-111-044 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642481	SM-111-086-C32A	LINE-SM-111-045 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642482	SM-111-087-C32A	TURBINE-101-GS-001 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642483	SM-111-088-C32A	TURBINE-101-GS-002 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642484	SM-111-089-C32A	TURBINE-101-GS-003 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642485	SM-111-090-C32A	TURBINE-101-GS-004 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642486	SM-111-091-C32A	TURBINE-106-GS-001 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642487	SM-111-092-C32A	TURBINE-111-G-001 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642488	SM-111-093-C32A	TURBINE-111-G-002 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642489	SM-111-094-C32A	TURBINE-113-GS-001 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642490	SM-111-095-C32A	TURBINE-113-GS-002 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642491	SM-111-096-C32A	LINE-SM-111-040 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642492	SM-111-097-C32A	LINE-SM-111-041 TO SP-098	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642493	SM-111-098-C32A	TURBINE-101-GS-001 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642494	SM-111-099-C32A	TURBINE-101-GS-002 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642495	SM-111-100-C32A	TURBINE-101-GS-003 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642496	SM-111-101-C32A	TURBINE-101-GS-004 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642497	SM-111-102-C32A	TURBINE-106-GS-001 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642498	SM-111-103-C32A	TURBINE-111-G-001 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642499	SM-111-104-C32A	TURBINE-111-G-002 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642500	SM-111-105-C32A	TURBINE-113-GS-001 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642501	SM-111-106-C32A	TURBINE-113-GS-002 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642502	SM-111-107-C32A	TURBINE-106-GS-001 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642503	SM-111-108-C32A	TURBINE-111-G-001 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642504	SM-111-109-C32A	TURBINE-111-G-002 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642505	SM-111-110-C32A	TURBINE-113-GS-001 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642506	SM-111-111-C32A	TURBINE-113-GS-002 TO DRAIN TO GRADE	B	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310642507	WBF-111-022-C63A	LINE-WBF-111-022 TO AROMATICS-SM-50-001	B	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310642508	WFR-111-002-C12B	LINE-WFR-111-005 TO LINE-WFR-110-002	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642509	WFR-111-003-C12B	LINE-WFR-111-008 TO LINE-WFR-110-002	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642510	WFR-111-004-C12B	LINE-WFR-111-010 TO LINE-WFR-110-002	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642511	WFR-111-015-C12B	LINE-WFR-111-016 TO LINE-WFR-110-002	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642512	WFR-111-016-C12B	BOILER-111-B-004 TO LINE-WFR-111-015	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642513	WFR-111-017-C12B	BOILER-111-B-004 TO LINE-WFR-111-015	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642514	WFS-111-001-C12B	LINE-WFS-116-050 TO LINE-WFS-111-007	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642515	WFS-111-002-C12B	LINE-WFS-116-050 TO LINE-WFS-111-005	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642516	WFS-111-003-C12B	LINE-WFS-116-050 TO LINE-WFS-111-009	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642517	WFS-111-004-C12B	LINE-WFS-111-002 TO BOILER-111-B-001	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310642518	WFS-111-005-C12E	LINE-WFS-111-002 TO BOILER-111-B-001	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642519	WFS-111-006-C12E	LINE-WFS-111-001 TO BOILER-111-B-002	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642520	WFS-111-007-C12E	LINE-WFS-111-001 TO BOILER-111-B-002	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642521	WFS-111-008-C12E	LINE-WFS-111-003 TO BOILER-111-B-003	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642522	WFS-111-009-C12E	LINE-WFS-111-003 TO BOILER-111-B-003	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642523	WFS-111-014-C12E	LINE-WFS-116-050 TO LINE-WFS-111-015	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642524	WFS-111-015-C12E	LINE-WFS-111-014 TO BOILER-111-B-004	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642525	WFS-111-016-C12E	LINE-WFS-111-014 TO BOILER-111-B-004	B	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116		Zone 5
	310642526	WDM-112-008-S10A	WDM-112-004 TO DEMIN PACK-112-Y-001	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642527	WDM-112-020-S10A	DEMIN SYSTEM TO DISTRIBUTION	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642528	WDM-112-021-S10A	DISTRIBUTION-WDM-112-020 TO AROMATICS-WD	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642529	WDM-112-022-S10A	WDM-112-020 TO PTA PLANTS	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642530	WDM-112-023-S10A	DISTRIBUTION-WDM-112-022 TO PTA PLANTS	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642531	WDM-112-030-S10A	WDM-112-024 TO WDM-112-031	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642532	WDM-112-040-S10A	DISTRIBUTION-WDM-112-020 TO PACKAGE-111-	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642533	WSR-112-002-F10B	LINE-WSR-112-001 TO LINE-WSR-117-003	B	MECH-05	Pipe / Fittings	CHILLER A AREA117		Zone 5
	310642534	SCL-113-001-C12A	TURBINE-113-GS-001 TO LOCAL DRAIN POT	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642535	SCL-113-002-C12A	TURBINE-113-GS-002 TO LOCAL DRAIN POT	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642536	SCL-113-003-C12A	LINE-SLL-113-001 TO LINE-SCL-113-001	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642537	SCL-113-004-C12A	LINE-SLL-113-002 TO LINE-SCL-113-002	B	MECH-05	Pipe / Fittings	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310642538	SLL-113-001-C12A	TURBINE-113-GS-001 TO LINE-SLL-111-031	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310642539	SLL-113-002-C12A	TURBINE-113-GS-002 TO LINE-SLL-111-031	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310642540	SLL-113-003-C12A	LINE-SLL-113-001 TO 000-PSV-008	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310642541	SLL-113-005-C12A	LINE-SLL-113-002 TO 000-PSV-009	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310642542	SLL-113-006-C12A	000-PSV-009 TO VENT	B	MECH-05	Pipe / Fittings	CHILLER WATER SYSTEM AREA-117		Zone 5
	310642543	WP-113-009-S10A	LINE-WP-113-003 TO TANK-113-F-001	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642544	WP-113-020-S10A	LINE-WP-113-003 TO LINE-WP-113-022	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642545	WP-113-022-S10A	LINE-WP-113-020 TO LINE-WP-113-023	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642546	WP-113-026-S10A	LINE-WP-113-020 TO INCIN PK-121-Y-001	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642547	WP-113-027-S10A	LINE-WP-113-020 TO US-FLARE AREA	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642548	WP-113-035-S10A	WP-113-027 TO MAINTENANCE WORKSHOP	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642549	WP-113-036-S10A	WP-113-027 TO EFFLUENT TREATMENT	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642550	WP-113-037-S10A	WP-113-027 TO DISTRIBUTION	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642551	WP-113-048-S10A	LINE-WP-113-037 TO US-BENZENE STORAGE	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642552	WP-113-049-S10A	LINE-WP-113-037 TO DISTRIBUTION	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642553	WP-113-050-S10A	LINE-WP-113-049 TO DISTRIBUTION	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642554	WP-113-051-S10A	LINE-WP-113-050 TO US-ORTH XYL STORAGE	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642555	WP-113-052-S10A	LINE-WP-113-049 TO US-PARA STORAGE	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642556	WP-113-053-S10A	LINE-WP-113-037 TO US-PLATE EXCHANGERS	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642557	WP-113-054-S10A	LINE-WP-113-037 TO US-CHILLER PACKAGE	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642558	WP-113-055-S10A	LINE-WP-113-037 TO US-CHILLED/COOL WATER	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642559	WP-113-056-S10A	LINE-WP-113-037 TO US- FUAL GAS AREA	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642560	WP-113-057-S10A	LINE-WP-113-037 TO US-LOCATION AREA	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642561	WP-113-058-S10A	LINE-WP-113-037 TO MAINTENANCE WORKSHOP	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642562	WP-113-059-S10A	LINE-WP-113-037 TO US-DRUM STORAGE AREA	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642563	WP-113-060-S10A	LINE-WP-113-037 TO CHEMICAL WAREHOUSE	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642564	WP-113-061-S10A	LINE-WP-113-041 TO DISTRIBUTION	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642565	WP-113-062-S10A	LINE-WP-113-049 TO US-CLOSED DRAIN DRUM	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642566	WP-113-064-S10A	LINE-WP-113-027 TO US-SCRAPER LAUNCH ARE	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642567	WP-113-065-S10A	LINE-WP-113-020 TO LINE-WP-113-066	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642568	WP-113-066-F10A	LINE-WP-113-065 TO US-019	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642569	WP-113-067-S10A	LINE-WP-113-020 TO LINE-113-068	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642570	WP-113-068-S10A	LINE-WP-113-067 TO LINE-LP-113-065	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642571	WP-113-069-F10A	LINE-WP-113-068 TO MAINTENANCE AREA	B	MECH-05	Pipe / Fittings	POTABLE WATER AREA-114		Zone 5
	310642572	WP-113-071-S10A	LINE-WP-113-027 TO VALVE-119-LV-034	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642573	WP-113-072-S10A	LINE-WP-113-071 TO VALVE-119-LV-035	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642575	WP-113-074-S10A	VALVE-119-LV-034 TO HP FLARE WATER SEAL	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642576	WP-113-075-S10A	VALVE-119-LV-035 TO LP FLARE WATER SEAL	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642577	WP-113-200-S10A	LINE-WP-113-048 TO US-001	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642578	WP-113-201-S10A	LINE-WP-113-050 TO US-002	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642579	WP-113-202-S10A	LINE-WP-113-051 TO US-003	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642580	WP-113-203-S10A	LINE-WP-113-061 TO US-004	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642581	WP-113-204-S10A	LINE-WP-113-052 TO US-005	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642582	WP-113-205-S10A	LINE-WP-113-063 TO US-006	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642583	WP-113-207-S10A	LINE-WP-113-053 TO US-007	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642584	WP-113-208-S10A	LINE-WP-113-054 TO US-008	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642585	WP-113-209-S10A	LINE-WP-113-055 TO US-009	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642586	WP-113-210-S10A	LINE-WP-113-056 TO US-010	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642587	WP-113-211-S10A	LINE-WP-113-057 TO US-011	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642588	WP-113-212-S10A	LINE-WP-113-059 TO US-012	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642589	WP-113-213-S10A	LINE-WP-113-036 TO US-013	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642590	WP-113-214-S10A	LINE-WP-113-062 TO US-014	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642591	WP-113-215-S10A	LINE-WP-113-064 TO US-015	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642592	WP-113-217-S10A	LINE-WP-113-022 TO US-017	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642593	WP-113-218-S10A	LINE-WP-113-020 TO US-018	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642594	WP-113-219-S10A	LINE-WP-113-066 TO US-019	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642595	WP-113-220-S10A	LINE-WP-113-020 TO US-020	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642596	WP-113-221-S10A	LINE-WP-113-020 TO US-021	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642597	WP-113-222-S10A	LINE-WP-113-020 TO US-022	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642598	WP-113-223-S10A	LINE-WP-113-020 TO US-023	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642599	WP-113-224-S10A	LINE-WP-113-020 TO US-024	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642600	WP-113-225-S10A	LINE-WP-113-020 TO US-025	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642601	WP-113-226-S10A	LINE-WP-113-060 TO US-026	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310642602	WP-113-227-S10A	LINE-WP-113-037 TO US-016	B	MECH-05	Pipe / Fittings	PROCESS WATER SYSTEM AREA-113		Zone 5
	310655053	116-V-001U	116-V-001U:COOLING WATER PLATE HEAT EXCH	C	MECH-02	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310655054	116-V-001V	116-V-001V:COOLING WATER PLATE HEAT EXCH	C	MECH-02	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310655055	116-V-001W	116-V-001W:COOLING WATER PLATE HEAT EXCH	C	MECH-02	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310655056	116-V-001X	116-V-001X:COOLING WATER PLATE HEAT EXCH	C	MECH-02	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310655057	116-V-001Y	116-V-001Y:COOLING WATER PLATE HEAT EXCH	C	MECH-02	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310655058	116-V-001Z	116-V-001Z:COOLING WATER PLATE HEAT EXCH	C	MECH-02	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310659348	CD-000-010-2-C12A	OIL/WATER SEPARATOR TO CD-000-001	A	MECH-04	Pipe / Fittings	FLARE SYSTEM AREA-119		Zone 5
	310702403	117-SP-5008	117-SP-5008 : SPECIAL VALVE	C	MECH-05	Pipe / Fittings	PIPING SYSTEM	Cooling Water Area 2	Zone 5
	310702404	117-SP-5007	117-SP-5007 : SPECIAL VALVE	C	MECH-05	Pipe / Fittings	PIPING SYSTEM	Cooling Water Area 2	Zone 5
	310705031	116-V-001A	116-V-001A:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705032	116-V-001B	116-V-001B:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705033	116-V-001C	116-V-001C:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705034	116-V-001D	116-V-001D:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705035	116-V-001E	116-V-001E:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705036	116-V-001F	116-V-001F:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705037	116-V-001G	116-V-001G:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705038	116-V-001H	116-V-001H:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705039	116-V-001I	116-V-001I:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705040	116-V-001J	116-V-001J:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705041	116-V-001K	116-V-001K:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705042	116-V-001L	116-V-001L:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705043	116-V-001M	116-V-001M:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705044	116-V-001N	116-V-001N:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705045	116-V-001O	116-V-001O:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705046	116-V-001P	116-V-001P:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705047	116-V-001Q	116-V-001Q:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705048	116-V-001R	116-V-001R:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705049	116-V-001S	116-V-001S:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310705050	116-V-001T	116-V-001T:COOLING WATER PLATE HEAT EXCH	D	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310719491	4-130-503-10"-C12(	H-130-503-10"-C12C-Yanpet to IR	B	MECH-05	Pipe / Fittings	PIPING SYSTEM		Zone 5
	310723573	AA-120-103-C12A	AA-120-161-16"-C12A TO AA-120-163-16"-C1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723574	AA-120-104-C12A	AA-120-110-14"-C12A TO AA-120-125-4"-C12	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723575	AA-120-105-C12A	AA-120-110-14"-C12A TO AA-120-126-4"-C12	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723576	AA-120-106-C12A	AA-120-107-14"-C12A TO AA-120-113-4"-C12	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723577	AA-120-107-C12A	AA-120-103-24"-C12A TO AA-120-114-4"-C12	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723578	AA-120-108-C12A	AA-120-166-10"-C12A TO 120-Q-141	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723579	AA-120-109-C12A	AA-120-110-14"-C12A TO 120-Q-131B1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723580	AA-120-110-C12A	AA-120-103-24"-C12A TO 120-Q-131B1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723581	AA-120-111-C12A	AA-120-107-14"-C12A TO 120-Q-131A1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723582	AA-120-112-C12A	AA-120-107-14"-C12A TO 120-Q-131A1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723583	AA-120-113-C12A	AA-120-106-14"-C12A TO 120-Y-131A13	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723584	AA-120-114-C12A	AA-120-107-14"-C12A TO 120-Y-131A14	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723585	AA-120-115-C12A	AA-120-106-14"-C12A TO 120-Y-131A15	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723586	AA-120-116-C12A	AA-120-107-14"-C12A TO 120-Y-131A16	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723587	AA-120-117-C12A	AA-120-106-14"-C12A TO 120-Y-131A17	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723588	AA-120-118-C12A	AA-120-107-14"-C12A TO 120-Y-131A18	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723589	AA-120-119-C12A	AA-120-106-14"-C12A TO 120-Y-131A19	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723590	AA-120-120-C12A	AA-120-107-14"-C12A TO 120-Y-131A20	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310723591	AA-120-121-C12A	AA-120-106-14"-C12A TO 120-Y-131A21	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723592	AA-120-123-C12A	AA-120-106-14"-C12A TO 120-Y-131A23	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723593	AA-120-124-C12A	AA-120-107-14"-C12A TO 120-Y-131A24	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723594	AA-120-125-C12A	AA-120-104-14"-C12A TO 120-Y-131B13	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723595	AA-120-126-C12A	AA-120-105-14"-C12A TO 120-Y-131B14	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723596	AA-120-127-C12A	AA-120-104-14"-C12A TO 120-Y-131B15	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723597	AA-120-128-C12A	AA-120-105-14"-C12A TO 120-Y-131B16	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723598	AA-120-129-C12A	AA-120-104-14"-C12A TO 120-Y-131B17	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723599	AA-120-130-C12A	AA-120-105-14"-C12A TO 120-Y-131B18	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723600	AA-120-131-C12A	AA-120-104-14"-C12A TO 120-Y-131B19	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723601	AA-120-132-C12A	AA-120-105-14"-C12A TO 120-Y-131B20	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723602	AA-120-133-C12A	AA-120-104-14"-C12A TO 120-Y-131B21	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723603	AA-120-134-C12A	AA-120-105-14"-C12A TO 120-Y-131B22	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723604	AA-120-135-C12A	AA-120-104-14"-C12A TO 120-Y-131B23	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723605	AA-120-136-C12A	AA-120-105-14"-C12A TO 120-Y-131B24	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723606	AA-120-137-C12A	AA-120-111-14"-C12A TO 120-Q-131A1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723607	AA-120-138-C12A	AA-120-112-14"-C12A TO 120-Q-131A1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723608	AA-120-139-C12A	AA-120-111-14"-C12A TO 120-Q-131A1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723609	AA-120-140-C12A	AA-120-112-14"-C12A TO 120-Q-131A1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723610	AA-120-141-C12A	AA-120-111-14"-C12A TO 120-Q-131A1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723611	AA-120-142-C12A	AA-120-112-14"-C12A TO 120-Q-131A1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723612	AA-120-144-C12A	AA-120-112-14"-C12A TO 120-Q-131A1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723613	AA-120-145-C12A	AA-120-111-14"-C12A TO 120-Q-131A1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723614	AA-120-146-C12A	AA-120-112-14"-C12A TO 120-Q-131A1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723615	AA-120-147-C12A	AA-120-111-14"-C12A TO 120-Q-131A1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723616	AA-120-148-C12A	AA-120-112-14"-C12A TO 120-Q-131A1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723617	AA-120-149-C12A	AA-120-109-14"-C12A TO 120-Q-131B1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723618	AA-120-150-C12A	AA-120-110-14"-C12A TO 120-Q-131B1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723619	AA-120-151-C12A	AA-120-109-14"-C12A TO 120-Q-131B1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723620	AA-120-152-C12A	AA-120-110-14"-C12A TO 120-Q-131B1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723621	AA-120-153-C12A	AA-120-109-14"-C12A TO 120-Q-131B1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723622	AA-120-154-C12A	AA-120-110-14"-C12A TO 120-Q-131B1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723623	AA-120-155-C12A	AA-120-109-14"-C12A TO 120-Q-131B1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723624	AA-120-156-C12A	AA-120-110-14"-C12A TO 120-Q-131B1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723625	AA-120-157-C12A	AA-120-109-14"-C12A TO 120-Q-131B1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723626	AA-120-158-C12A	AA-120-110-14"-C12A TO 120-Q-131B1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723627	AA-120-159-C12A	AA-120-109-14"-C12A TO 120-Q-131B1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723628	AA-120-160-C12A	AA-120-110-14"-C12A TO 120-Q-131B1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723629	AA-120-161-C12A	120-K-131A TO AA-120-103-24"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723630	AA-120-162-C12A	120-K-131B TO AA-120-103-24"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723631	AA-120-163-C12A	120-K-131C TO AA-120-103-24"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723632	AA-120-164-C12A	AA-120-166-10"-C12A TO 120-Q-117	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723633	AA-120-165-C12A	AA-120-166-10"-C12A TO 120-Q-101	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723634	AA-120-166-C12A	AA-120-165-2"-C12A TO AA-120-164-10"-C12	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723635	AA-120-167-C12A	120-K-117A TO AA-120-166-10"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723636	AA-120-168-C12A	120-K-117B TO AA-120-166-10"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723637	AA-120-169-C12A	AA-120-107-14"-C12A TO 120-Q-131A3	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723638	AA-120-170-C12A	AA-120-104-14"-C12A TO 120-Q-131B3	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723639	AA-120-171-C12A	AA-120-164-10"-C12A TO AA-120-172~175-4"	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723640	AA-120-172-C12A	AA-120-171-8"-C12A TO AA-120-182-4"-F10A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723641	AA-120-173-C12A	AA-120-171-8"-C12A TO AA-120-183-4"-F10A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723642	AA-120-174-C12A	AA-120-171-8"-C12A TO AA-120-184-4"-F10A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723643	AA-120-175-C12A	AA-120-171-8"-C12A TO AA-120-185-4"-F10A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723644	AA-120-178-C12A	AA-120-179-2"-C12A TO AA-120-180-2"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723645	AA-120-179-C12A	AA-120-178-2"-C12A TO AA-120-190-2"-CPVC	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723646	AA-120-180-C12A	AA-120-178-2"-C12A TO AA-120-191-2"-CPVC	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723647	AA-120-181-S10A	AA-120-165-2"-C12A TO 120-Q-101	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723648	AA-120-182-S10A	AA-120-172-4"-C12A TO 120-Q-117	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723649	AA-120-183-S10A	AA-120-173-4"-C12A TO 120-Q-117	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723650	AA-120-184-S10A	AA-120-174-4"-C12A TO 120-Q-117	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723651	AA-120-185-S10A	AA-120-175-4"-C12A TO 120-Q-117	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723652	AA-120-186-C12A	AA-120-169-2"-C12A TO 120-Q-131A3	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723653	AA-120-188-C12A	AA-120-170-2"-C12A TO 120-Q-131B3	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723654	AA-120-190-S10A	AA-120-179-2"-C12A TO 120-Q-141	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723655	AA-120-191-S10A	AA-120-180-2"-C12A TO 120-Q-141	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723656	AA-120-196-C12A	AA-120-103-24"-C12A TO AA-120-107-14"-C1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723657	AA-120-197-C12A	AA-120-103-24"-C12A TO AA-120-110-14"-C1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723658	ACS-120-101-F10A	ACID CHEMICAL AREA TO ACID AREA SUMP	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723659	ACS-120-102-F10A	ACID CHEMICAL DOSING PUMP AREA TO ACID A	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723660	ACS-120-103-F10A	ACID AREA SUMP TO STORM WATER	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723661	ACS-120-104-F10A	ACID AREA SUMP TO 120-MH-111	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723662	ACS-120-106-CPVC	ACID AREA SUMP TO Truck out	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723663	AKS-120-101-F10A	ALKALI CHEMICAL AREA TO ALKALI AREA SUMP	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723664	AKS-120-102-F10A	ALKALI CHEMICAL DOSING PUMP AREA TO ALKA	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723665	AKS-120-103-F10A	ALKALI AREA SUMP TO ACS-120-103-4"-F10A	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723666	AKS-120-105-CPVC	ALKALI AREA SUMP TO Truck out	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723667	AS-120-101-C12A	120-Q-132 TO AS-120-102-10"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723668	AS-120-102-C12A	AS-120-101-10"-C12A TO 120-G-133A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723669	AS-120-103-C12A	AS-120-106-10"-C12A TO 120-Q-141	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723670	AS-120-104-C12A	120-G-133B TO 120-Q-131A/B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723671	AS-120-105-C12A	AS-120-101-10"-C12A TO 120-G-133B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723672	AS-120-106-C12A	120-G-133A TO AS-120-104-10"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723673	AS-120-107-C12A	AS-120-108-3"-C12A TO AS-120-114-3"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723674	AS-120-108-C12A	120-G-141A TO 120-F-142A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723675	AS-120-111-C12A	AS-120-117-3"-C12A TO AS-120-115-3"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723676	AS-120-112-C12A	120-Q-141 TO AS-120-111-6"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723677	AS-120-113-C12A	120-G-141B TO AS-120-107-3"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723678	AS-120-114-C12A	120-G-141C TO 120-F-142B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723679	AS-120-115-C12A	AS-120-111-6"-C12A TO 120-G-141A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723680	AS-120-116-C12A	AS-120-111-6"-C12A TO 120-G-141B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723681	AS-120-117-C12A	AS-120-111-6"-C12A TO 120-G-141C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723682	AS-120-118-C12A	120-F-142A TO 120-Y-142A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723683	AS-120-119-C12A	120-F-142B TO 120-Y-142B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723684	AS-120-120-C12A	AS-120-104-10"-C12A TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723685	AS-120-121-C12A	120-PSV-1410 TO 120-Q-141	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723686	AS-120-122-C12A	AS-120-108-3"-C12A TO 120-PSV-1410	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723687	AS-120-123-C12A	120-PSV-1411 TO AS-120-125-3"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723688	AS-120-125-C12A	120-PSV-1412 TO AS-120-121-3"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723689	AS-120-126-C12A	AS-120-114-3"-C12A TO 120-PSV-1412	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723690	AS-120-127-C12A	AS-120-108-3"-C12A TO 120-Q-141	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723691	AS-120-128-C12A	120-Q-141 TO 120-Q-168	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723692	CD-120-101-C12A	120-F-151 TO 120-F-153	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723693	CD-120-102-C12A	CD-120-104-1"-C12A TO 120-G-153B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723694	CD-120-103-C12A	120-G-153A TO Closed Drain	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723695	CD-120-104-C12A	120-F-153 TO 120-G-153A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723696	CD-120-105-C12A	120-G-153B TO CD-120-103-1"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723697	CD-120-106-S13A	120-F-156 TO 120-G-156A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723698	CD-120-107-S13A	120-F-156 TO 120-G-156B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723699	CD-120-108-S13A	120-G-156B TO CD-120-103-1"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723700	CD-120-109-S13A	120-G-156A TO CD-120-108-1"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723701	CD-120-110-C12A	120-Q-169 TO TRUCK OUT	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723702	CD-120-111-F10A	120-Q-168 TO 120-Q-169	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723703	CD-120-112-S13A	120-Q-111A TO RRW-120-256-10"-S13A	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723704	CSW-120-101-F10A	120-E-115 A/B/C DRAIN TO 120-MH-102	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723705	CSW-120-102-F10A	CSW-120-103-14"-F10A TO Storm water syst	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723706	CSW-120-103-F10A	BTX STRIPPER AREA TO 120-MH-101	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723707	CSW-120-105-F10A	120-MH-102 TO 120-MH-103	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723708	CSW-120-106-F10A	120-G111A~F AREA TO 120-MH-103	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723709	CSW-120-107-F10A	120-F-114 AREA TO 120-MH-110	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723710	CSW-120-108-F10A	120-MH-103 TO 120-MH-104	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723711	CSW-120-109-F10A	120-F-114 Drain&AREA TO 120-MH-112	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723712	CSW-120-110-F10A	120-MH-110 TO 120-MH-104	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723713	CSW-120-111-F10A	120-MH-104 TO 120-MH-105	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723714	CSW-120-112-F10A	120-Q-112 OVERFLOW TO 120-MH-105	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723715	CSW-120-113-F10A	120-Q-117 DRAIN TO 120-MH-113	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723716	CSW-120-114-F10A	120-MH-113 TO 120-MH-105	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723717	CSW-120-115-F10A	120-MH-105 TO 120-MH-106	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723718	CSW-120-116-F10A	120-Q-124,120-Q-125 drain TO 120-MH-106	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723719	CSW-120-117-F10A	120-Q-123 drain TO CWS-120-116-14"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723720	CSW-120-118-F10A	120-Q-131A3/B3 drain TO CWS-120-120-8"-F	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723721	CSW-120-119-F10A	120-VB-102 TO Storm water system	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723722	CSW-120-120-F10A	120-G-131A5~A8, B5~B8 AREA TO 120-MH-109	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310723723	CSW-120-121-F10A	120-MH-109 TO 120-MH-108	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723724	CSW-120-122-F10A	120-G-133A/B AREA TO CWS-120-123-8"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723725	CSW-120-123-F10A	120-Q-122 drain/CSW-120-123-4"-F10A TO C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723726	CSW-120-124-F10A	120-Q-132 drain TO 120-MH-108	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723727	CSW-120-125-F10A	120-G-141A/B/C & 120-G-134A/B AREA TO CW	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723728	CSW-120-126-F10A	120-MH-108 TO 120-MH-107	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723729	CSW-120-127-F10A	DEWAERING AREA DRAIN TO 120-MH-107	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723730	CSW-120-128-F10A	120-Q-145 drain TO 120-MH-107	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723731	CSW-120-129-F10A	120-MH-107 TO 120-MH-106	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723732	CSW-120-130-F10A	120-MH-106 TO 120-Q-168	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723733	CSW-120-131-F10A	120-Q-131A1/B1 drain TO 120-MH-112	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723734	CSW-120-132-F10A	120-G-123A/B,120-G-168A/B area TO CWS-12	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723735	CSW-120-133-F10A	120-G-114A/B AREA TO 120-MH-103	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723736	CSW-120-134-F10A	DEWAERING BUILDING AREA TO CWS-120-138-8	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723737	CSW-120-135-F10A	120-VB-107 TO Storm Water system	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723738	CSW-120-136-F10A	120-MH-112 TO 120-MH-110	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723739	CSW-120-137-F10A	120-MH-111 TO 120-MH-113	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723740	CSW-120-138-F10A	120-G-101A~C AREA TO 120-MH-113	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723741	CSW-120-139-F10A	120-Q-101 OVERFLOW TO 120-MH-113	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723742	CSW-120-140-F10A	120-Q-112A/B &120-G-117A/B AREA TO 120-M	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723743	CSW-120-141-F10A	120-G-116A/B AREA TO CSW-120-101-8"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723745	CSW-120-143-F10A	120-Q-131A1~A4/B1~B4 AREA 120-Q-125A/B &	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723747	CSW-120-145-F10A	OIL PIT TO 120-MH-111	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723748	CSW-120-146-F10A	TO	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723749	EWS-120-101-C12A	120-Q-134 TO 120-G-134A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723750	EWS-120-102-C12A	120-G-134B TO Exisiting holding pond	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723751	EWS-120-103-C12A	EWS-120-102-10"-C12A TO COD analyZer	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723753	EWS-120-105-C12A	EWS-120-101-10"-C12A TO 120-G-134B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723754	EWS-120-106-C12A	120-G-134A TO EWS-120-102-10"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723755	EWS-120-110-C12A	120-Q-134 TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723756	EWS-120-112-C12A	EWS-120-102-10"-C12A TO 120-Q-134	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723757	HCA-120-101-CPVC	120-G-171 TO 120-F-161	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723758	HCA-120-102-CPVC	120-F-161 TO HCA-120-115-1/2"-CPVC	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723759	HCA-120-103-CPVC	120-PSV-1611 TO HCA-120-102-1"-CPVC	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723760	HCA-120-104-CPVC	120-G-161B TO 120-Q-124	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723761	HCA-120-105-CPVC	120-G-161A TO HCA-120-104-1/2"-CPVC	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723762	HCA-120-106-CPVC	HCl Supply TO 120-G-171	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723763	HCA-120-107-CPVC	HCA-120-104-1/2"-CPVC TO 120-PSV-1611	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723764	HCA-120-108-CPVC	120-PSV-1612 TO HCA-120-103-1/2"-CPVC	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723765	HCA-120-109-CPVC	HCA-120-105-1/2"-CPVC TO 120-PSV-1612	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723766	HCA-120-110-CPVC	120-F-161 TO 120-F-166	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723767	HCA-120-113-CPVC	120-F-166A TO DRAINAGE	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723768	HCA-120-114-CPVC	HCA-120-102-1"-CPVC TO 120-G-161A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723769	HCA-120-115-CPVC	HCA-120-102-1"-CPVC TO 120-G-161B	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723770	HCA-120-116-CPVC	120-F-166A TO HCA-120-113-2"-CPVC	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723771	HCA-120-121-CPVC	calibration pot TO drainge	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723772	HCA-120-122-CPVC	Damper TO HCA-120-121-1/2"-CPVC	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723773	HMCA-120-101-CPV	120-G-175 TO 120-F-165	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723774	HMCA-120-102-S10	120-F-165 TO HMCA-120-111-1/2"-S10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723775	HMCA-120-103-S10	120-PSV-1651 TO HMCA-120-102-1"-S10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723776	HMCA-120-104-S10	HMCA-120-152-1/2"-S10A TO 120-Q-121	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723777	HMCA-120-105-CPV	HMAC supply TO 120-G-175	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723778	HMCA-120-106-S10	HMCA-120-153-1/2"-S10A TO 120-PSV-1651	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723779	HMCA-120-107-S10	120-PSV-16512 TO HMCA-120-103-1/2"-S10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723780	HMCA-120-108-S10	HMCA-120-152-1/2"-S10A TO 120-PSV-1652	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723781	HMCA-120-109-CPV	120-F-165 TO drainge	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723782	HMCA-120-110-S10	HMCA-120-102-1"-S10A TO 120-G-165A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723783	HMCA-120-111-S10	HMCA-120-102-1"-S10A TO 120-G-165B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723784	HMCA-120-121-CPV	calibration pot TO drainge	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723785	HMCA-120-152-S10	120-G-165A TO HMCA-120-104-1/2"-S10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723786	HMCA-120-153-S10	120-G-165B TO HMCA-120-104-1/2"-S10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723787	IA-120-101-C10A	IA Supply TO to U&O	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723788	IA-120-102-C10A	IA-120-101-2"-C10A TO 120-XY-1319	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723789	IA-120-103-C10A	IA-120-102-2"-C10A TO 120-XY-1309	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723790	IA-120-104-C10A	IA-120-101-2"-C10A TO 120-XY-1231	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723791	IA-120-105-C10A	IA-120-101-2"-C10A TO 120-XY-1331	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723792	IA-120-107-C10A	IA-120-101-2"-C10A TO 120-XY-1623	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723793	IA-120-108-C10A	IA-120-101-2"-C10A TO 120-SOV-1531	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723794	IA-120-109-C10A	IA-120-101-2"-C10A TO 120-TV-1541	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723795	KCS-120-101-C15A	NaOH supply TO 120-F-162	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723796	KCS-120-102-C15A	120-F-162 TO KCS-120-123-3/4"-C15A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723797	KCS-120-103-C15A	120-PSV-1621 TO KCS-120-102-2"-C15A	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723798	KCS-120-104-C15A	KCS-120-152-3/4"-C15A-E TO RWW-120-243-8	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723799	KCS-120-105-C15A	KCS-120-154-3/4"-C15A-E TO 120-Q-121	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723800	KCS-120-106-C15A	KCS-120-104-1"-C15A-E TO RWW-120-116-12"	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723801	KCS-120-107-C15A	KCS-120-104-1"-C15A-E TO RWW-120-241-8"-	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723802	KCS-120-108-C15A	KCS-120-104-1"-C15A-E TO RWW-120-242-8"-	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723803	KCS-120-109-C15A	KCS-120-102-2"-C15A TO 120-G-162A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723804	KCS-120-113-C15A	KCS-120-152-3/4"-C15A TO KCS-120-154-3/4	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723805	KCS-120-114-C15A	KCS-120-104-1"-C15A-E TO RWW-120-296-12"	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723806	KCS-120-115-C15A	KCS-120-104-1"-C15A-E TO RWW-120-109-12"	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723807	KCS-120-116-C15A	KCS-120-106-1"-C15A-E TO RWW-120-294-12"	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723808	KCS-120-117-C15A	KCS-120-152-3/4"-C15A-E TO 120-PSV-1621	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723809	KCS-120-118-C15A	KCS-120-154-3/4"-C15A-E TO 120-PSV-1622	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723810	KCS-120-119-C15A	120-PSV-1623 TO KCS-120-121-3/4"-C15A-E	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723811	KCS-120-120-C15A	KCS-120-153-3/4"-C15A-E TO 120-PSV-1623	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723812	KCS-120-121-C15A	120-PSV-1622 TO KCS-120-103-3/4"-C15A	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723813	KCS-120-122-C15A	KCS-120-102-2"-C15A TO 120-G-162B	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723814	KCS-120-123-C15A	KCS-120-102-2"-C15A TO 120-G-162C	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723815	KCS-120-124-C15A	KCS-120-101-2"-C15A TO 120-F-102	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723816	KCS-120-131-C15A	calibration pot TO drainge	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723817	KCS-120-132-C15A	Damper TO KCS-120-133-1 1/2"-C15A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723818	KCS-120-133-C15A	Damper TO KCS-120-151-3"-C15A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723819	KCS-120-151-C15A	120-F-162 TO drainge	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723820	KCS-120-152-C15A	120-G-162A TO KCS-120-104-1"-C15A-E	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723821	KCS-120-153-C15A	120-G-162B TO KCS-120-113-3/4"-C15A-E	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723822	KCS-120-154-C15A	120-G-162C TO KCS-120-105-3/4"-C15A-E	C	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723823	KNP-120-101-CPVC	120-G-173 TO 120-F-163	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723824	KNP-120-102-CPVC	120-F-163 TO KPN-120-113-1"-CPVC	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723825	KNP-120-103-CPVC	120-PSV-1631 TO KPN-120-102-1"-CPVC	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723826	KNP-120-104-CPVC	120-G-163B TO 120-Q-131A1/B1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723827	KNP-120-105-CPVC	120-F-163 TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723828	KNP-120-106-CPVC	120-G-163A TO KNP-120-104-1"-CPVC	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723829	KNP-120-107-CPVC	KNP Supply TO 120-G-173	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723830	KNP-120-108-CPVC	KNP-120-104-1"-CPVC TO 120-PSV-1631	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723831	KNP-120-109-CPVC	120-F-163 TO 120-F-163	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723832	KNP-120-110-CPVC	120-PSV-1632 TO KNP-120-103-1/2"-CPVC	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723833	KNP-120-111-CPVC	KNP-120-106-1"-CPVC TO 120-PSV-1632	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723834	KNP-120-112-CPVC	KNP-120-102-1"-CPVC TO 120-G-163A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723835	KNP-120-113-CPVC	KNP-120-102-1"-CPVC TO 120-G-163B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723836	KNP-120-121-CPVC	calibration pot TO drainge	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723837	KNP-120-122-CPVC	Damper TO KNP-120-105-3"-CPVC	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723838	N2-120-101-C12A	N2-109-080-2"-C12A TO VA-120-123-1"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723839	N2-120-102-C12A	N2-120-101-2"-C12A TO US-12001	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723840	N2-120-103-C12A	N2-120-101-2"-C12A TO 120-K-157A/B	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723841	N2-120-104-C12A	N2-120-103-1"-C12A TO 120-K-157B	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723842	N2-120-105-C12A	N2-120-103-1"-C12A TO 120-K-157A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723843	N2-120-106-C12A	N2-120-101-2"-C12A TO 120-D-154 Vent	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723844	OWS-120-101-F10A	GENERATOR AREA TO 120-Q-171	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723845	OWS-120-102-F10A	TRANSFORMER AREA TO OWS-120-101-8"-F10A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723846	OWS-120-103-F10A	TRANSFORMER AREA TO OWS-120-101-8"-F10A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723847	OWS-120-104-CPVC	120-Q-171 TO Truck out	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723848	PA-120-101-C12A	PA supply TO PA-120-103-1"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723849	PA-120-101F-1C	PA-120-107-3/4"-C12A TO PA-120-102F-3/4"	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723850	PA-120-102-C12A	PA-120-101-2"-C12A TO 120-Y-142B	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723851	PA-120-102F-1C	2261-DV-01 TO PA-120-105F-3/4"-1C	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723852	PA-120-103-C12A	PA-120-101-2"-C12A TO 120-Y-142A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723853	PA-120-103F-1C	PA-120-104F-3/4"-1C TO 120-F-151 PILOT S	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723854	PA-120-104-C12A	PA-120-103-1"-C12A TO US-12003	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723855	PA-120-104F-1C	PA-120-102F-3/4"-1C TO 120-F-153 PILOT S	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723856	PA-120-105-C12A	PA-120-101-2"-C12A TO EXCHANGER (US-1200	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723857	PA-120-105F-1C	PA-120-102F-3/4"-1C TO 120-G-153A/B & 12	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310723858	PA-120-106-C12A	PA-120-128-2"-C12A TO BTX USE(US-12001)	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723859	PA-120-106F-1C	PA-120-102F-3/4"-1C TO 120-Y-154 PILOT S	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723860	PA-120-107-C12A	PA-120-101-2"-C12A TO WATER SPRAY SYSTEM	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723861	PA-120-107F-1C	PA-120-106F-3/4"-1C TO 120-F-156 PILOT S	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723862	PA-120-108-C12A	PA-120-105-1"-C12A TO US-12005	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723863	PA-120-108F-1C	PA-120-106F-3/4"-1C TO 120-G-156A/B PILO	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723864	PA-120-109-C12A	PA-120-111-1"-C12A TO 120-Y-102B	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723865	PA-120-109F-1C	PA-120-110F-3/4"-1C TO 120-D-154 PILOT S	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723866	PA-120-110-C12A	PA-120-111-1"-C12A TO 120-Y-102A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723867	PA-120-110F-1C	PA-120-106F-3/4"-1C TO 120-G-154A/B & 12	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723868	PA-120-111-C12A	PA-120-101-2"-C12A TO PA-120-110-3/4"-C1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723869	PA-120-111F-1C	PA-120-106F-3/4"-1C TO 120-G-154A/B & 12	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723870	PA-120-112-C12A	PA-120-126-2"-C12A TO 120-D-118	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723871	PA-120-113F-1C	PA-120-110F-3/4"-1C TO 120-G-154B PILOT	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723872	PA-120-114F-1C	PA-120-110F-3/4"-1C TO 120-D-155 PILOT S	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723873	PA-120-121-C12A	PA-120-101-2"-C12A TO 120-G-171/173/174/	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723874	PA-120-122-C12A	PA-120-121-2"-C12A TO 120-G-171	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723875	PA-120-123-C12A	PA-120-121-2"-C12A TO 120-G-174	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723876	PA-120-124-C12A	PA-120-121-2"-C12A TO 120-G-173	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723877	PA-120-125-C12A	PA-120-121-2"-C12A TO 120-G-175	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723878	PA-120-126-C12A	PA-120-101-2"-C12A TO PA-120-112-1"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723879	PA-120-128-C12A	PA-120-101-2"-C12A TO 120-G-153A/B &120-	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723880	PA-120-129-C12A	PA-120-128-2"-C12A TO 120-G-153A/B	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723881	PA-120-130-C12A	PA-120-128-2"-C12A TO 120-G-156A/B	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723882	PA-120-131-C12A	PA-120-101-2"-C12A TO US-12004	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723883	PAC-120-101-CPVC	120-G-174 TO 120-F-164	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723884	PAC-120-102-CPVC	120-F-164 TO PAC-120-111-3/4"-CPVC	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723885	PAC-120-103-CPVC	120-PSV-1641 TO PAC-120-102-1"-CPVC	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723886	PAC-120-104-CPVC	PAC-120-153-3/4"-CPVC TO 120-Q-122	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723887	PAC-120-105-CPVC	PAC SULLPY TO 120-G-174	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723888	PAC-120-106-CPVC	PAC-120-153-3/4"-CPVC TO 120-PSV-1641	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723889	PAC-120-107-CPVC	120-F-164 TO 120-F-164	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723890	PAC-120-109-CPVC	PAC-120-152-3/4"-CPVC TO 120-PSV-1642	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723891	PAC-120-110-CPVC	PAC-120-102-1"-CPVC TO 120-G-164A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723892	PAC-120-111-CPVC	PAC-120-102-1"-CPVC TO 120-G-164B	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723893	PAC-120-121-CPVC	calibration pot TO drainge	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723894	PAC-120-122-CPVC	Damper TO PAC-120-121-1"-CPVC	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723895	PAC-120-151-CPVC	120-F-164 TO Drainge	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723896	PAC-120-152-CPVC	120-G-164A TO PAC-120-104-3/4"-CPVC	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723897	PAC-120-153-CPVC	120-G-164B TO PAC-120-104-3/4"-CPVC	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723898	PAC-120-168-CPVC	120-PSV-1642 TO PAC-120-103-3/4"-CPVC	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723899	PAM-120-101-C12A	PAM-120-103-1"-C12A TO 120-G-166A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723900	PAM-120-102-C12A	120-G-166B TO 120-Q-122	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723901	PAM-120-103-C12A	120-Y-166 TO 120-G-166B	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723902	PAM-120-104-C12A	120-G-166A TO PAM-120-102-1"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723903	PAM-120-106-C12A	PAM-120-112-1 1/2"-C12A TO PAM-120-110-1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723904	PAM-120-107-C12A	PAM-120-113-1 1/2"-C12A TO 120-F-142A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723905	PAM-120-108-C12A	PAM-120-113-1 1/2"-C12A TO 120-F-142B	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723906	PAM-120-109-C12A	120-Y-147 TO PAM-120-106-3"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723907	PAM-120-110-C12A	PAM-120-106-3"-C12A TO 120-G-147A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723908	PAM-120-111-C12A	PAM-120-106-3"-C12A TO 120-G-147B	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723909	PAM-120-112-C12A	PAM-120-106-3"-C12A TO 120-G-147C	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723910	PAM-120-113-C12A	120-G-147A TO PAM-120-108-1 1/2"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723911	PAM-120-114-C12A	120-G-147B TO PAM-120-107-1 1/2"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723912	PAM-120-115-C12A	120-G-147C TO PAM-120-107-1 1/2"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723913	PAM-120-116-C12A	120-PSV-1661 TO PAM-120-103-1"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723914	PAM-120-117-C12A	120-PSV-1471 TO PAM-120-109-3"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723915	PAM-120-118-C12A	PAM-120-104-1"-C12A TO 120-PSV-1661	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723916	PAM-120-119-C12A	PAM-120-102-1"-C12A TO 120-PSV-1662	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723917	PAM-120-120-C12A	120-PSV-1662 TO PAM-120-116-1"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723918	PAM-120-121-C12A	PAM-120-115-1 1/2"-C12A TO 120-PSV-1473	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723919	PAM-120-122-C12A	120-PSV-1473 TO PAM-120-117-1 1/2"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723920	PAM-120-123-C12A	PAM-120-114-1 1/2"-C12A TO 120-PSV-1472	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723921	PAM-120-124-C12A	PAM-120-113-1 1/2"-C12A TO 120-PSV-1471	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723922	PAM-120-125-C12A	120-PSV-1472 TO PAM-120-122-1"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723923	PAM-120-131-C12A	120-Y-166 TO RWW-120-179-11/2"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723924	PAM-120-132-C12A	120-Y-147 TO RWW-120-180-1 1/2"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723925	PWS-120-101-S13A	PTA WW TO PWS-120-121-8"-S13A	D	MECH-05	Pipe / Fittings	FIRE ALARM SYSTEM AREA-118		Zone 5
	310723926	PWS-120-102-S13A	PWS-120-101-8"-S13A TO 120-Q-117	D	MECH-05	Pipe / Fittings	FIRE ALARM SYSTEM AREA-118		Zone 5
	310723927	PWS-120-103-S13A	PWS-120-113-4"-S13A TO 120-G-117A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723928	PWS-120-104-S13A	120-G-117B TO PWS-120-101-8"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723929	PWS-120-105-C12A	Cont. Storm Water TO 120-Q-168	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723930	PWS-120-106-S13A	Acetic Acid TO 120-F-114	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723931	PWS-120-107-S13A	Aromatic W.W. TO 120-F-151	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310723932	PWS-120-108-S13A	120-Q-117 TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723933	PWS-120-112-S13A	120-G-117A TO PWS-120-104-4"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723934	PWS-120-113-S13A	120-Q-117 TO 120-G-117B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723935	PWS-120-115-S13A	PWS-120-104-4"-S13A TO 120-Q-117	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723936	PWS-120-121-S13A	PWS-120-101-8"-S13A TO 120-Q-111A	D	MECH-05	Pipe / Fittings	FIRE ALARM SYSTEM AREA-118		Zone 5
	310723937	PWS-120-122-S13A	PWS-120-121-8"-S13A TO 120-Q-111B	D	MECH-05	Pipe / Fittings	FIRE ALARM SYSTEM AREA-118		Zone 5
	310723938	PWS-120-123-S13A	PWS-120-121-8"-S13A TO 120-Q-111C	D	MECH-05	Pipe / Fittings	FIRE ALARM SYSTEM AREA-118		Zone 5
	310723939	PWS-120-151-S13A	120-Q-117 TO drainge	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723940	RWW-120-101-S13A	RWW-120-112-10"-S13A TO 120-G-112A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723941	RWW-120-102-S13A	120-G-112A TO 120-F-114	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723942	RWW-120-103-S10A	RWW-120-114-12"-S10A TO 120-G-114A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723943	RWW-120-104-S10A	120-G-114A TO RWW-120-116-12"-S10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723944	RWW-120-108-S10A	RWW-120-116-12"-S10A TO RWW-120-294-12"-	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723945	RWW-120-109-S10A	120-E-115B TO 120-E-115C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723946	RWW-120-110-S10A	RWW-120-109-12"-S10A TO RWW-120-296-12"-	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723947	RWW-120-111-S10A	120-E-115D TO 120-Q-121	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723948	RWW-120-112-S13A	120-Q-112 TO 120-G-112B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723949	RWW-120-113-S13A	120-G-112B TO RWW-120-102-10"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723950	RWW-120-114-S10A	120-F-114 TO 120-G-114B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723951	RWW-120-115-C12A	RWW-120-283-8"-C12A TO 120-Q-131A1/B1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723952	RWW-120-116-S10A	120-G-114B TO 120-E-115A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723953	RWW-120-118-S10A	120-Q-121 TO RWW-120-278-16"-S10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723954	RWW-120-121-C12A	120-Q-125 TO 120-G-125B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723955	RWW-120-122-C12A	120-G-125B TO RWW-120-282-8"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723956	RWW-120-123-C12A	120-Q-125 TO 120-G-126A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723957	RWW-120-124-C12A	120-G-126B TO RWW-120-152-12"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723958	RWW-120-126-C12A	120-Q-131A2 TO RWW-120-259-18"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723959	RWW-120-127-C12A	120-Q-131B2 TO RWW-120-263-18"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723960	RWW-120-128-C12A	RWW-120-173-30"-C12A TO 120-Y-131A1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723961	RWW-120-129-C12A	RWW-120-173-30"-C12A TO 120-Y-131A2	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723962	RWW-120-130-C12A	RWW-120-173-30"-C12A TO 120-Y-131A3	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723963	RWW-120-131-C12A	RWW-120-173-30"-C12A TO 120-Y-131A4	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723964	RWW-120-132-C12A	RWW-120-173-30"-C12A TO 120-Y-131A5	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723965	RWW-120-133-C12A	RWW-120-173-30"-C12A TO 120-Y-131A6	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723966	RWW-120-134-C12A	RWW-120-173-30"-C12A TO 120-Y-131A7	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723967	RWW-120-135-C12A	RWW-120-173-30"-C12A TO 120-Y-131A8	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723968	RWW-120-136-C12A	RWW-120-173-30"-C12A TO 120-Y-131A9	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723969	RWW-120-137-C12A	RWW-120-173-30"-C12A TO 120-Y-131A10	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723970	RWW-120-138-C12A	RWW-120-173-30"-C12A TO 120-Y-131A11	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723971	RWW-120-139-C12A	RWW-120-173-30"-C12A TO 120-Y-131A12	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723972	RWW-120-140-C12A	RWW-120-178-30"-C12A TO 120-Y-131B1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723973	RWW-120-141-C12A	RWW-120-178-30"-C12A TO 120-Y-131B2	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723974	RWW-120-142-C12A	RWW-120-178-30"-C12A TO 120-Y-131B3	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723975	RWW-120-143-C12A	RWW-120-178-30"-C12A TO 120-Y-131B4	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723976	RWW-120-144-C12A	RWW-120-178-30"-C12A TO 120-Y-131B5	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723977	RWW-120-147-C12A	RWW-120-178-30"-C12A TO 120-Y-131B8	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723978	RWW-120-148-C12A	RWW-120-178-30"-C12A TO 120-Y-131B9	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723979	RWW-120-149-C12A	RWW-120-178-30"-C12A TO 120-Y-131B10	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723980	RWW-120-150-C12A	RWW-120-178-30"-C12A TO 120-Y-131B11	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723981	RWW-120-151-C12A	RWW-120-178-30"-C12A TO 120-Y-131B12	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723982	RWW-120-152-C12A	120-G-126A TO RWW-120-241-8"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723983	RWW-120-153-C12A	RWW-120-123-12"-C12A TO 120-G-126B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723984	RWW-120-154-C12A	RWW-120-121-8"-C12A TO 120-G-125A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723985	RWW-120-156-C12A	120-Q-131A3 TO 120-G-131A5	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723986	RWW-120-157-C12A	120-G-131A5 TO RWW-120-164-30"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723987	RWW-120-158-C12A	120-Q-131A3 TO 120-G-131A6	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723988	RWW-120-159-C12A	120-G-131A6 TO RWW-120-164-30"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723989	RWW-120-160-C12A	120-Q-131A3 TO 120-G-131A7	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310723990	RWW-120-161-C12A	120-G-131A7 TO RWW-120-164-30"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723991	RWW-120-162-C12A	120-Q-131A3 TO 120-G-131A8	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723992	RWW-120-163-C12A	120-G-131A8 TO RWW-120-164-30"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723993	RWW-120-164-C12A	RWW-120-201-6"-C12A TO RWW-120-212-6"-C1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723994	RWW-120-165-C12A	RWW-120-213-6"-C12A TO RWW-120-224-6"-C1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723995	RWW-120-169-C12A	120-G-131A1 TO RWW-120-173-30"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723996	RWW-120-170-C12A	120-G-131A2 TO RWW-120-173-30"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723997	RWW-120-171-C12A	120-G-131A3 TO RWW-120-173-30"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723998	RWW-120-172-C12A	120-G-131A4 TO RWW-120-173-30"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310723999	RWW-120-173-C12A	RWW-120-169-18"-C12A TO RWW-120-139-10"-	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724000	RWW-120-174-C12A	120-G-131B1 TO RWW-120-178-30"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724001	RWW-120-175-C12A	120-G-131B2 TO RWW-120-178-30"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724002	RWW-120-176-C12A	120-G-131B3 TO RWW-120-178-30"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724003	RWW-120-177-C12A	120-G-131B4 TO RWW-120-178-30"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724004	RWW-120-178-C12A	RWW-120-174-18"-C12A TO RWW-120-151-10"-	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724005	RWW-120-179-C12A	120-Y-166 TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724006	RWW-120-180-C12A	120-Y-147 TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724007	RWW-120-181-S13A	120-F-151 TO 120-G-152B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724008	RWW-120-182-S13A	120-G-152B TO 120-E-154C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724009	RWW-120-183-F10A	Existing Holding Pond TO PWS-120-101-8"-	D	MECH-05	Pipe / Fittings	FIRE ALARM SYSTEM AREA-118		Zone 5
	310724010	RWW-120-185-C12A	120-Y-142A/B-CURB TO RWW-120-186-8"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724011	RWW-120-186-C12A	RWW-120-185-6"-C12A TO CSW-120-127-8"-F1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724012	RWW-120-188-CPV	RWW-120-304-6"-CPVC TO 120-Q-112	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724013	RWW-120-190-C12A	120-G-154A/B TO 120-F-114	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724014	RWW-120-191-S10A	120-F-114 TO drainge	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724015	RWW-120-192-C12A	120-E-154C TO 120-Y-154	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724016	RWW-120-193-C12A	120-Q-131B3 TO 120-G-131-B5	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724017	RWW-120-194-C12A	120-G-131-B5 TO RWW-120-165-30"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724018	RWW-120-195-C12A	120-Q-131B3 TO 120-G-131-B6	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724019	RWW-120-196-C12A	120-G-131-B6 TO RWW-120-165-30"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724020	RWW-120-197-C12A	120-Q-131B3 TO 120-G-131-B7	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724021	RWW-120-198-C12A	120-G-131-B7 TO RWW-120-165-30"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724022	RWW-120-199-C12A	120-Q-131B3 TO 120-G-131-B8	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724023	RWW-120-200-C12A	120-G-131-B8 TO RWW-120-165-30"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724024	RWW-120-201-C12A	RWW-120-164-30"-C12A TO 120-Y-131A13	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724025	RWW-120-202-C12A	RWW-120-164-30"-C12A TO 120-Y-131A14	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724026	RWW-120-203-C12A	RWW-120-164-30"-C12A TO 120-Y-131A15	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724027	RWW-120-204-C12A	RWW-120-164-30"-C12A TO 120-Y-131A16	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724028	RWW-120-205-C12A	RWW-120-164-30"-C12A TO 120-Y-131A17	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724029	RWW-120-206-C12A	RWW-120-164-30"-C12A TO 120-Y-131A18	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724030	RWW-120-207-C12A	RWW-120-164-30"-C12A TO 120-Y-131A19	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724031	RWW-120-208-C12A	RWW-120-164-30"-C12A TO 120-Y-131A20	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724032	RWW-120-209-C12A	RWW-120-164-30"-C12A TO 120-Y-131A21	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724033	RWW-120-210-C12A	RWW-120-164-30"-C12A TO 120-Y-131A22	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724034	RWW-120-211-C12A	RWW-120-164-30"-C12A TO 120-Y-131A23	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724035	RWW-120-212-C12A	RWW-120-164-30"-C12A TO 120-Y-131A24	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724036	RWW-120-213-C12A	RWW-120-165-30"-C12A TO 120-Y-131B13	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724037	RWW-120-214-C12A	RWW-120-165-30"-C12A TO 120-Y-131B14	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724038	RWW-120-215-C12A	RWW-120-165-30"-C12A TO 120-Y-131B15	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724039	RWW-120-216-C12A	RWW-120-165-30"-C12A TO 120-Y-131B16	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724040	RWW-120-217-C12A	RWW-120-165-30"-C12A TO 120-Y-131B17	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724041	RWW-120-218-C12A	RWW-120-165-30"-C12A TO 120-Y-131B18	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724042	RWW-120-219-C12A	RWW-120-165-30"-C12A TO 120-Y-131B19	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724043	RWW-120-220-C12A	RWW-120-165-30"-C12A TO 120-Y-131B20	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724044	RWW-120-221-C12A	RWW-120-165-30"-C12A TO 120-Y-131B21	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724045	RWW-120-222-C12A	RWW-120-165-30"-C12A TO 120-Y-131B22	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724046	RWW-120-223-C12A	RWW-120-165-30"-C12A TO 120-Y-131B23	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724047	RWW-120-224-C12A	RWW-120-165-30"-C12A TO 120-Y-131B24	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724048	RWW-120-225-S13A	RWW-120-181-3"-S13A TO 120-G-152A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724049	RWW-120-226-S13A	120-G-152A TO RWW-120-182-3"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724050	RWW-120-227-S13A	120-G-168A TO RWW-120-266-6"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724051	RWW-120-229-S13A	RWW-120-267-6"-S13A TO 120-G-168B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724052	RWW-120-230-C12A	120-Y-154 TO 120-E-154C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724053	RWW-120-231-C12A	RWW-120-190-3"-C12A TO RWW-120-230-3"-C1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724054	RWW-120-232-C12A	120-D-154 TO 120-Y-154	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724055	RWW-120-233-C12A	RWW-120-293-3"-C12A TO 120-G-154B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724056	RWW-120-234-C12A	120-G-154B TO RWW-120-190-3"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724057	RWW-120-235-C12A	120-E-154A TO 120-Y-154	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724058	RWW-120-236-C12A	120-D-154 TO 120-F-156	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724059	RWW-120-237-C12A	120-Y-154 TO 120-E-154A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724060	RWW-120-238-C12A	120-E-154B TO 120-D-154	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724061	RWW-120-239-C12A	120-ATP-1571 TO RWW-120-240-2"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724062	RWW-120-240-C12A	120-D-157A TO RWW-120-240-2"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724063	RWW-120-241-C12A	RWW-120-152-12"-C12A TO 120-E-116A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724064	RWW-120-242-C12A	RWW-120-152-12"-C12A TO 120-E-116B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724065	RWW-120-243-C12A	RWW-120-152-12"-C12A TO 120-E-116C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724066	RWW-120-251-C12A	120-Q-132 TO 120-Q-134	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724067	RWW-120-252-S13A	RWW-120-102-10"-S13A TO SS-120-101-6"-S1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724068	RWW-120-253-S13A	RWW-120-252-2"-S13A TO SS-120-102-6"-S13	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724069	RWW-120-254-S13A	RWW-120-252-2"-S13A TO SS-120-103-6"-S13	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724070	RWW-120-255-S13A	120-Q-112 TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724071	RWW-120-256-C12A	RWW-120-126-30"-C12A TO 120-G-131A1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724072	RWW-120-257-C12A	RWW-120-126-30"-C12A TO 120-G-131A2	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724073	RWW-120-258-C12A	RWW-120-126-30"-C12A TO 120-G-131A3	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724074	RWW-120-259-C12A	RWW-120-126-30"-C12A TO 120-G-131A4	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724075	RWW-120-260-C12A	RWW-120-127-30"-C12A TO 120-G-131B1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724076	RWW-120-261-C12A	RWW-120-127-30"-C12A TO 120-G-131B2	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724077	RWW-120-262-C12A	RWW-120-127-30"-C12A TO 120-G-131B3	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724078	RWW-120-263-C12A	RWW-120-127-30"-C12A TO 120-G-131B4	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724079	RWW-120-266-S13A	120-G-168B TO 120-Q-131A1/B1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724080	RWW-120-270-S13A	120-Q-112 TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724081	RWW-120-271-S10A	120-F-114 TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724082	RWW-120-272-S10A	120-Q-122 TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724083	RWW-120-273-S10A	RWW-120-278-16"-S10A TO 120-Q-122	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724084	RWW-120-274-S10A	120-Q-124 TO drainage	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724085	RWW-120-278-S10A	RWW-120-118-16"-S10A TO RWW-120-273-16"-	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724086	RWW-120-279-C12A	120-Q-125 TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724087	RWW-120-280-C12A	RWW-120-121-8"-C12A TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724088	RWW-120-282-C12A	120-G-125A TO ETP II 120-F-001	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724089	RWW-120-283-C12A	120-E-116A TO RWW-120-115-12"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724090	RWW-120-284-C12A	120-E-116B TO RWW-120-115-12"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724091	RWW-120-285-C12A	120-E-116C TO RWW-120-115-12"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724092	RWW-120-286-C12A	120-Q-131A1 TO DRAINAGE	D	MECH-05	Pipe / Fittings	FIRE ALARM SYSTEM AREA-118		Zone 5
	310724093	RWW-120-287-C12A	120-Q-131B1 TO DRAINAGE	D	MECH-05	Pipe / Fittings	FIRE ALARM SYSTEM AREA-118		Zone 5
	310724094	RWW-120-288-C12A	120-Q-131A3 TO DRAINAGE	D	MECH-05	Pipe / Fittings	FIRE ALARM SYSTEM AREA-118		Zone 5
	310724095	RWW-120-290-C12A	120-Q-132 TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724096	RWW-120-291-C12A	120-Q-141 TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724097	RWW-120-292-C12A	120-E-154C TO 120-E-154D	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724098	RWW-120-293-C12A	120-E-154D TO 120-G-154A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724099	RWW-120-294-S10A	120-E-115A TO 120-E-115B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724100	RWW-120-295-S10A	RWW-120-294-12"-S10A TO RWW-120-109-12"-	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724101	RWW-120-296-S10A	120-E-115C TO 120-E-115D	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724102	RWW-120-297-S10A	RWW-120-296-12"-S10A TO RWW-120-111-12"-	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724103	RWW-120-298-C12A	120-Q-131A3/B3 TO RWW-120-299-20"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724104	RWW-120-299-C12A	RWW-120-298-20"-C12A TO 120-Q-132	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724105	RWW-120-300-C12A	120-Q-134 TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724106	RWW-120-301-C12A	120-D-155 TO RWW-120-190-3"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724107	RWW-120-302-C12A	120-D-155 TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724108	RWW-120-303-C12A	120-D-155 TO RWW-120-302-1"-C12B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724109	RWW-120-304-C12A	RWW-120-283-8"-C12A TO RWW-120-351-2"-C1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724110	RWW-120-305-S13A	120-F-151 TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724111	RWW-120-306-C12A	120-D-118 TO Drainge	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724112	RWW-120-311-C12A	RWW-120-284-8"-C12A TO RWW-120-304-2"-C1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724113	RWW-120-312-C12A	RWW-120-285-8"-C12A TO RWW-120-304-2"-C1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724114	RWW-120-313-C12A	120-D-157B TO RWW-120-240-2"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724115	RWW-120-341-C12A	VA-120-128-10"-F10A TO RWW-120-239-1"-C1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724116	RWW-120-342-S13A	RWW-120-102-10"-S13A TO 120-Q-112	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724117	RWW-120-343-S10A	RWW-120-116-12"-S10A TO 120-F-114	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724118	RWW-120-344-C12A	RWW-120-282-8"-C12A TO 120-Q-125	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724119	RWW-120-345-C12A	RWW-120-152-12"-C12A TO 120-Q-125	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724120	RWW-120-348-S13A	RWW-120-266-6"-S13A TO 120-Q-168	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724121	RWW-120-349-S13A	RWW-120-182-3"-S13A TO 120-F-151	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310724122	RWW-120-350-C12A	120-M-142A TO 120-Y-142A/B-CURB	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724123	RWW-120-351-C12A	RWW-120-304-2"-C12A TO 120-Q-111A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724124	RWW-120-352-C12A	RWW-120-351-2"-C12A TO 120-Q-111B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724125	RWW-120-353-C12A	RWW-120-304-2"-C12A TO 120-Q-111C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724126	RWW-120-354-C12A	RWW-120-173-30"-C12A TO RWW-120-178-30"-	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724127	RWW-120-355-CPVC	120-F-102 TO RWW-120-187-6"-CPVC	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724128	RWW-120-360-C12A	120-SSE-1003 curb area TO RWW-120-186-8"	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724129	RWW-120-361-CPVC	120-Y-102A TO RWW-120-188-6"-CPVC	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724130	RWW-120-362-CPVC	120-Y-102B TO RWW-120-188-6"-CPVC	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724131	RWW-120-363-C12A	120-M-142B TO 120-Y-142A/B-CURB	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724132	RWW-120-370-C12A	120-E-116A TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724133	RWW-120-371-C12A	120-131A1B1,A4B4 CURB TO 120-125AB,126AB	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724134	RWW-120-372-S13A	120-G-168A TO drainage	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724135	RWW-120-373-S13A	120-G-168B TO drainage	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724136	RWW-120-374-CPVC	120-F-102 CURB AREA TO DRAINGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724137	RWW-120-375-C12A	120-Y-154 TO Overflow	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724138	RWW-120-376-C12A	RWW-120-293-3"-C12A TO Manual valve	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724139	RWW-120-380-C12A	120-ATP-1571 TO RWW-120-239-1"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724140	SAS-120-101-UPVC	120-G-107A TO SAS-120-102-2"-UPVC	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724142	SAS-120-105-UPVC	SUBSTATION TOILET SETTLE TANK TO 120-Q-1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724143	SCL-120-101-C12A	120-E-154A TO Condensate	B	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724144	SCL-120-102-C12A	120-STP-1001 TO SCL-120-101-2"-C12A	B	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724145	SCL-120-103-C12A	120-STP-1002 TO SCL-120-101-2"-C12A	B	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724146	SCL-120-104-C12A	120-STP-1003 TO SCL-120-101-2"-C12A	B	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724147	SL-120-101-C12A	SL-120-101-2"-C12A/From U&O TO 120-E-154	B	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724148	SL-120-102-C12A	SL-120-101-2"-C12A TO FOR BTX US-12001	B	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724149	SL-120-103-C12A	SL-120-101-2"-C12A TO US-12003	B	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724150	SL-120-104-C12A	SL-120-101-2"-C12A TO 120-STP-1001	B	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724151	SL-120-105-C12A	SL-120-101-2"-C12A TO 120-STP-1002	B	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724152	SL-120-106-C12A	SL-120-101-2"-C12A TO 120-STP-1003	B	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724153	SS-120-101-S13A	120-Q-111A TO SS-120-104-4"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724154	SS-120-102-S13A	120-Q-111B TO SS-120-105-4"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724155	SS-120-103-S13A	120-Q-111C TO SS-120-106-4"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724156	SS-120-104-S13A	SS-120-101-6"-S13A TO 120-G-111B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724157	SS-120-105-S13A	SS-120-102-6"-S13A TO 120-G-111D	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724158	SS-120-106-S13A	SS-120-103-6"-S13A TO 120-G-111F	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724159	SS-120-107-S13A	120-G-111A TO 120-Q-101	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724160	SS-120-108-C12A	SS-120-160-6"-C12A TO SS-120-110-4"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724161	SS-120-109-C12A	SS-120-108-6"-C12A TO 120-G-123A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724162	SS-120-110-C12A	SS-120-108-6"-C12A TO 120-G-123B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724163	SS-120-111-C12A	SS-120-123-4"-C12A TO 120-Q-141	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724164	SS-120-112-C12A	SS-120-111-3"-C12A TO RWW-120-278-16"-S1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724165	SS-120-113-S13A	SS-120-127-6"-C12A TO 120-G-101A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724166	SS-120-114-S13A	120-G-101A TO 120-Y-102A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724167	SS-120-115-S13A	120-G-101C TO 120-Y-102B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724168	SS-120-118-S13A	SS-120-127-6"-S13A TO 120-G-101B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724169	SS-120-119-S13A	SS-120-127-6"-S13A TO 120-G-101C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724170	SS-120-120-S13A	SS-120-104-4"-S13A TO 120-G-111A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724171	SS-120-121-S13A	SS-120-105-4"-S13A TO 120-G-111C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724172	SS-120-122-S13A	SS-120-106-4"-S13A TO 120-G-111E	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724173	SS-120-123-C12A	120-G-123A TO SS-120-111-3"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724174	SS-120-125-S13A	SS-120-115-4"-S13A TO SS-120-114-4"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724175	SS-120-126-S13A	120-G-101B TO SS-120-125-4"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724176	SS-120-127-S13A	120-Q-101 TO SS-120-113-4"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724177	SS-120-128-C12A	SS-120-123-4"-C12A TO 120-PSV-1231	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724178	SS-120-129-C12A	120-PSV-1232 TO 120-Q-123	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724179	SS-120-130-C12A	SS-120-161-4"-C12A TO 120-PSV-1232	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724180	SS-120-131-S13A	SS-120-101-6"-S13A TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724181	SS-120-132-S13A	SS-120-102-6"-S13A TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724182	SS-120-133-S13A	SS-120-103-6"-S13A TO DRAINAGE	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724183	SS-120-141-S13A	SS-120-114-4"-S13A TO 120-Q-101	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724184	SS-120-142-S13A	SS-120-115-4"-S13A TO SS-120-141-2"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724185	SS-120-151-S13A	120-G-111B TO SS-120-107-4"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724186	SS-120-152-S13A	120-G-111C TO SS-120-107-4"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724187	SS-120-153-S13A	120-G-111D TO SS-120-107-4"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724188	SS-120-154-S13A	120-G-111E TO SS-120-107-4"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724189	SS-120-155-S13A	120-G-111F TO SS-120-107-4"-S13A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724190	SS-120-156-C12A	SS-120-111-3"-C12A TO drainage	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724191	SS-120-158-S13A	120-Q-101 TO drainage	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724192	SS-120-159-S13A	120-Q-101 TO drainage	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724193	SS-120-160-C12A	120-Q-123 TO SS-120-108-6"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724194	SS-120-161-C12A	120-G-123B TO SS-120-123-4"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724195	SS-120-162-C12A	120-PSV-1231 TO SS-120-129-4"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724196	VA-120-101-F10A	120-Q-111A TO VA-120-128-10"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724197	VA-120-102-F10A	120-Q-111B TO VA-120-106-6"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724198	VA-120-103-F10A	120-Q-111C TO VA-120-106-8"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724199	VA-120-104-F10A	120-Q-112 TO VA-120-106-8"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724200	VA-120-105-F10A	120-Q-117 TO VA-120-106-8"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724201	VA-120-106-F10A	VA-120-122-6"-F10A TO VA-120-128-10"-F10	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724202	VA-120-107-F10A	VA-120-111-4"-F10A/120-F-114 TO VA-120-1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724203	VA-120-108-F10A	120-Q-123 TO VA-120-111-4"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724204	VA-120-109-F10A	120-Q-124 TO VA-120-111-4"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724205	VA-120-110-F10A	120-Q-125 TO VA-120-110-4"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724206	VA-120-111-F10A	VA-120-110-4"-F10A TO VA-120-107-8"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724207	VA-120-112-F10A	VA-120-112-4"-F10A/120-F-151 TO VA-120-1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724208	VA-120-113-F10A	120-Q-101/VA-120-113-2"-F10A TO VA-120-1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724209	VA-120-114-F10A	120-D-154 TO VA-120-112-6"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724210	VA-120-115-F10A	VA-120-128-10"-F10A TO 120-K-157A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724211	VA-120-116-F10A	VA-120-128-10"-F10A TO 120-K-157B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724212	VA-120-117-F10A	VA-120-118-10"-F10A TO 120-D-157A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724213	VA-120-118-F10A	120-K-157A TO VA-120-117-10"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724214	VA-120-119-F10A	120-K-157B TO VA-120-117-10"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724215	VA-120-120-F10A	VA-120-130-2"-F10A TO VA-120-113-6"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724216	VA-120-121-F10A	120-Q-121 TO VA-120-111-4"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724217	VA-120-123-C12A	120-D-154 TO VA-120-133-1/2"-C12A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724218	VA-120-124-C12A	120-Y-154 TO 120-E-154B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724219	VA-120-125-F10A	120-Q-168 TO VA-120-120-4"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724220	VA-120-126-F10A	VA-120-117-10"-F10A TO 120-D-157B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724221	VA-120-127-F10A	120-F-153 TO VA-120-112-4"-F10A	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724222	VA-120-128-F10A	VA-120-107-8"-F10A TO VA-120-116-10"-F10	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724223	VA-120-130-F10A	120-Q-169 TO VA-120-120-4"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724224	VA-120-132-F10A	120-Q-141 TO VA-120-120-4"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724225	VA-120-133-C12A	120-F-156 TO 120-D-155	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724226	VA-120-134-C12A	120-E-154B TO 120-D-154	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724227	VA-120-136-C12A	VA-120-151-1"-C12A TO Atmosphere	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724228	VA-120-140-C12A	VA-120-134-2"-C12A TO VA-120-114-2"-F10A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724229	VA-120-151-C12A	PA-120-112-1"-C12A TO 120-D-118	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724230	VG-120-101-C12A	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724231	VG-120-101-CPVC	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724232	VG-120-102-C12A	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724233	VG-120-102-CPVC	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724234	VG-120-103-C12A	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724235	VG-120-103-CPVC	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724236	VG-120-104-C12A	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724237	VG-120-104-CPVC	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724238	VG-120-105-C12A	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724239	VG-120-105-CPVC	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724240	VG-120-106-C12A	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724241	VG-120-106-CPVC	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724242	VG-120-107-C12A	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724243	VG-120-107-CPVC	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724244	VG-120-108-C12A	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724245	VG-120-108-CPVC	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724246	VG-120-109-C12A	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724247	VG-120-109-CPVC	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724248	VG-120-110-C12A	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724249	VG-120-110-CPVC	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724250	VG-120-111-C12A	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724251	VG-120-111-CPVC	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724252	VG-120-112-C12A	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724253	VG-120-112-CPVC	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724254	VG-120-113-C12A	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310724255	VG-120-113-CPVC	Manhole Vent TO Atmosphere	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724256	WD-120-101-C12A	WD-114-075-2"-S10A TO DR-000-AD-014	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724257	WD-120-102-C12A	WD-120-101-2"-C12A TO 120-SSE-1001	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724258	WD-120-103-C12A	WD-120-101-2"-C12A TO 120-SSE-1002	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724259	WD-120-104-C12A	WD-120-101-2"-C12A TO 120-SSE-1003	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724260	WD-120-105-C12A	WD-120-101-2"-C12A TO PLC ROOM	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724264	WF-120-104-1C	WATER MOTOR ALARM TO GRADE	A	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724276	WF-120-114-F10D	TIE IN POINT 120-515 TIE IN POINT 120-51	A	MECH-05	Pipe / Fittings	PRETREATMENT AREA AREA-120		Zone 5
	310724283	WFR-120-101-C12E	WFR-120-108-12"-C12B TO 120-D-118	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724284	WFR-120-102-C12E	ETP-II TO WFR-120-108-12"-C12B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724285	WFR-120-104-C12E	120-E-116A TO WRR-120-107-12"-C12B-C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724286	WFR-120-105-C12E	120-E-116B TO WRR-120-107-12"-C12B-C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724287	WFR-120-107-C12E	WFR-120-285-8"-C12B-C TO WFR-120-108-12"	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724288	WFR-120-108-C12E	WFR-120-107-12"-C12B-C TO WFR-120-110-12	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724289	WFR-120-109-C12E	WFR-120-108-12"-C12B-C TO 120-G-116A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724290	WFR-120-110-C12E	WFR-120-108-12"-C12B-C TO 120-G-116B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724291	WFR-120-111-C12E	120-G-116A TO WFR-120-120-12"-C12B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724292	WFR-120-112-C12E	120-G-116B TO WFR-120-111-12"-C12B-C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724293	WFR-120-115-C12E	WFR-120-111-12"-C12B-C TO WFR-120-108-12	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724294	WFR-120-116-C12E	WFR-120-120-12"-C12B TO 120-Y-116D	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724295	WFR-120-117-C12E	WFR-120-120-12"-C12B TO 120-Y-116C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724296	WFR-120-118-C12E	WFR-120-120-12"-C12B TO 120-Y-116B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724297	WFR-120-119-C12E	WFR-120-120-12"-C12B TO 120-Y-116A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724298	WFR-120-120-C12E	WFR-120-111-12"-C12B-C TO 120-Y-116A/B/C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724299	WFR-120-131-C12E	WFR-120-104-8"-C12B-C TO 120PSV-1161	D	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310724300	WFR-120-132-C12E	WFR-120-105-8"-C13B-C TO 120PSV-1162	D	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310724301	WFR-120-133-C12E	WFR-120-285-8"-C14B-C TO 120PSV-1163	D	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310724302	WFR-120-136-C12E	120-D-118 TO 120-D-118(Stand pipe of LG)	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724303	WFR-120-141-C12E	WFR-120-120-12"-C12B TO 120-Y-116D	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724304	WFR-120-142-C12E	WFR-120-120-12"-C12B TO 120-Y-116C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724305	WFR-120-143-C12E	WFR-120-120-12"-C12B TO 120-Y-116B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724306	WFR-120-144-C12E	WFR-120-120-12"-C12B TO 120-Y-116A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724307	WFR-120-285-C12E	120-E-116C TO WRR-120-107-12"-C12B-C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724308	WFS-120-102-C12E	WFS-120-108-12"-C12B-C TO ETP-II	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724309	WFS-120-104-C12E	WRS-120-107-12"-C12B-C TO 120-E-116A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724310	WFS-120-105-C12E	WRS-120-107-12"-C12B-C TO 120-E-116B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724311	WFS-120-106-C12E	WRS-120-107-12"-C12B-C TO 120-E-116C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724312	WFS-120-107-C12E	WFS-120-108-12"-C12B-C TO WFS-120-106-8"	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724313	WFS-120-108-C12E	WFS-120-110-6"-C12B-C TO WFS-120-107-12"	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724314	WFS-120-109-C12E	120-Y-116B TO WFS-120-108-12"-C12B-C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724315	WFS-120-110-C12E	120-Y-116A TO WFS-120-108-12"-C12B-C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724316	WFS-120-111-C12E	120-Y-116C TO WFS-120-108-12"-C12B-C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724317	WFS-120-112-C12E	120-Y-116D TO WFS-120-108-12"-C12B-C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724318	WFS-120-121-C12E	120-Y-116D TO WFS-120-108-12"-C12B-C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724319	WFS-120-122-C12E	120-Y-116C TO WFS-120-108-12"-C12B-C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724320	WFS-120-123-C12E	120-Y-116B TO WFS-120-108-12"-C12B-C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724321	WFS-120-124-C12E	120-Y-116A TO WFS-120-108-12"-C12B-C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724322	WP-120-101-C12A	WP-Supply TO WP-120-128-1"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724323	WP-120-102-C12A	WP-120-117-3"-C12A TO WP-120-119-3"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724324	WP-120-103-C12A	120-G-145C TO 120-Y-142B	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724325	WP-120-104-C12A	120-G-145A TO 120-Y-142A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724326	WP-120-106-C12A	WP-120-101-3"-C12A/WP-120-106-2"-C12A TO	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724327	WP-120-108-C12A	WP-120-106-2"-C12A TO 120-Y-102B	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724328	WP-120-109-C12A	WP-120-101-3"-C12A TO 120-Q-145	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724329	WP-120-110-C12A	WP-120-101-3"-C12A TO 120-Q-131A3	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724330	WP-120-113-C12A	WP-120-113-1.5"-C13A/WP-120-109-3"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724331	WP-120-114-C12A	WP-120-114-1- 1/2"-C12A/WP-120-109-3"-C1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724332	WP-120-115-C12A	WP-120-110-4"-C12A TO 120-Q-131B3	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724333	WP-120-116-C12A	120-Q-145 TO WP-120-102-6"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724334	WP-120-117-C12A	WP-120-102-6"-C12A TO 120-G-145A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724335	WP-120-118-C12A	WP-120-102-6"-C12A TO 120-G-145B	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724336	WP-120-119-C12A	WP-120-116-6"-C12A TO 120-G-145C	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724337	WP-120-120-C12A	120-G-145B TO WP-120-121-3"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724338	WP-120-121-C12A	WP-120-103-3"-C12A TO WP-120-104-3"-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724339	WP-120-127-C12A	WP-120-116-6"-C12A TO DRAINAGE	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724340	WP-120-128-C12A	WP-120-109-3"-C12A TO PRESS ROOM USE(US-	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724341	WP-120-129-C12A	WP-120-109-3"-C12A TO EXCHANGER (US-1200	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724342	WP-120-130-C12A	WP-120-109-3"-C12A TO BTX USE(US-12001)	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724343	WP-120-131-C12A	WP-120-113-2"-C13A TO 120-Y-147	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724344	WP-120-132-C12A	WP-120-109-3"-C12A TO SS-120-111-3'-C12A	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724345	WP-120-133-C12A	120-Q-145 TO DRAINAGE	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724346	WP-120-137-C12A	WP-120-109-3"-C12A TO US-12005	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724347	WP-120-141-C12A	WP-120-114-1"-C12A TO 120-Y-166	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724348	WRR-120-102-C12E	120-E-115A TO WRR(to U&O)	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724349	WRR-120-103-C12E	WRR-120-122&WRR-120-123 TO WRR-120-102-1	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724350	WRR-120-122-C12E	120-E-154B TO WRR-120-103-4"-C12B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724351	WRR-120-123-C12E	120-E-154D TO WRR-120-103-4"-C12B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724352	WRR-120-125-C12E	WRR-120-102-12"-C12B TO 120PSV-1151	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724353	WRR-120-126-C12E	WRR-120-123-4"-C12B TO 120-PSV-1541	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724354	WRR-120-127-C12E	120-PSV-1541 TO Drainge	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724355	WRS-120-102-C12E	WRS(fromU&O) TO 120-E-115D	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724356	WRS-120-103-C12E	WRS-120-102-12"-C12B TO 120-E-154D	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724357	WRS-120-108-C12E	WRS-120-110-12"-C12B TO WRS-120-109-12"-	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724358	WRS-120-109-C12E	120-E-115C TO 120-E-115B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724359	WRS-120-110-C12E	120-E-115D TO 120-E-115C	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724360	WRS-120-111-C12E	WRS-120-109-12"-C12B TO WRS-120-105-12"-	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724361	WRS-120-112-C12E	WRS-120-102-12"-C12B TO 120-D-118	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724362	WRS-120-121-C12E	WRS-120-103-4"-C12B-C TO 120-E-154B	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724363	WRS-120-126-C12E	WRS-120-110-12"-C12B TO 120PSV-1154	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724364	WRS-120-127-C12E	WRS-120-109-12"-C12B TO 120PSV-1153	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724365	WRS-120-128-C12E	WRS-120-105-12"-C12B TO 120PSV-1152	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724366	AA-120-122-C12A	AA-120-107-14"-C12A TO 120-Y-131A22	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724367	AA-120-143-C12A	AA-120-111-14"-C12A TO 120-Q-131A1	C	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724368	AS-120-124-C12A	AS-120-113-3"-C12A TO 120-PSV-1411	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724369	CSW-120-104-F10A	120-MH-101 TO 120-MH-102	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724370	HMCA-120-122-CPV	Damper TO HMCA-120-121-1/2"-CPVC	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724371	RWW-120-145-C12A	RWW-120-178-30"-C12A TO 120-Y-131B6	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724372	RWW-120-146-C12A	RWW-120-178-30"-C12A TO 120-Y-131B7	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724373	RWW-120-267-S13A	122-Q-168 TO 120-G-168A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724374	RWW-120-268-S13A	RWW-120-266-6"-S13A TO Holding Pond	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724375	RWW-120-289-C12A	120-Q-131B3 TO DRAINAGE	D	MECH-05	Pipe / Fittings	FIRE ALARM SYSTEM AREA-118		Zone 5
	310724376	WRS-120-105-C12E	120-E-115B TO 120-E-115A	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724377	WRS-120-106-C12E	WRS-120-102-12"-C12B TO WRS-120-110-12"-	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	310724378	WRS-120-107-C12E	WRS-120-105-12"-C12B TO WRR-120-102-12"-	D	MECH-05	Pipe / Fittings	AEROBIC TREATMENT AREA-120		Zone 5
	311207552	-130-0141-12"-C32	FUEL GAS LINE-ARAMCO	A	MECH-05	Pipe / Fittings	PIPING SYSTEM		Zone 5
	311207553	-130-502-10"-C12C	FUEL GAS LINE-YANSAB	B	MECH-05	Pipe / Fittings	PIPING SYSTEM		Zone 5
	311270194	-130-506-4"-C32A-	Toluene & A9/A10 Line(From IR to ARAMCO)	E	MECH-05	Pipe / Fittings	PIPING SYSTEM		Zone 5
	311270195	-130-507-8"-C32A-	Reformate line (From ARAMCO to IR)	E	MECH-05	Pipe / Fittings	PIPING SYSTEM		Zone 5
	311278585	111-INJ-001	111-INJ-001:INJECTION POINT OXYGEN SCAVE	E	MECH-05	Pipe / Fittings	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	311278586	116-INJ-001	116-INJ-001:INJECTION POINT CORROSION IN	E	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	311278587	116-INJ-002	116-INJ-002 :INJECTION POINT BIOCIDE	E	MECH-05	Pipe / Fittings	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	311278588	117-INJ-001	117-INJ-001:INJECTION CORROSION INHIBITO	E	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	311278589	117-INJ-002	117-INJ-002:INJECTION POINT BIOCIDE	E	MECH-05	Pipe / Fittings	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	311306407	200-8"-C33A-00IA-S	0200-8"-C33A-00IA-SG: SEAL GAS LINE	C	MECH-02	Pipe / Fittings	PIPING SYSTEM		Zone 5
	311327910	W-120-019-8"-DI(5	RWW-120-019-8"-DI(509): Raw Waste Water	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311327911	A-120-003-6"-SS(54	VA-120-003-6"-SS(541):Atmosheric vents L	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311327912	S-120-009-4"-DI(5	ANS-120-009-4"-DI(542):Anaerobic Sludg L	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311327913	D-120-010-16"-DI(2	CSD-120-010-16"-DI(250): Contaminated si	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311327914	20-003-2"-C12A(5	N-120-003-2"-C12A(549):Nitrogen Line	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311327915	S-120-001-4"-DI(54	SS-120-001-4"-DI(542): Stabilized Sludge	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311327916	S-120-003-3"-DI(12	SS-120-003-3"-DI(121): Stabilized Sludge	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311327917	S-120-003-3"-DI(12	SS-120-003-3"-DI(122):Stabilized Sludge	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311327918	S-120-015-3"-DI(51	AS-120-015-3"-DI(514):Activated Sludge L	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311327919	D-120-040-10"-DI(2	CSD-120-040-10"-DI(253):Contaminated sit	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311327920	D-120-006-4"-DI(5	CSD-120-006-4"-DI(539):Contaminated site	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311327921	S-120-002-3"-DI(12	SS-120-002-3"-DI(122): Stabilized Sludge	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311327922	20-005-2"-C12A(5	SS-120-005-2"-C12A(544):Stabilized Sludg	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311327923	S-120-XXX-3"-DI(12	SS-120-XXX-3"-DI(121):Stabilized Sludge	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311327924	A-120-020-2"-SS(54	VA-120-020-2"-SS(540):Atmosheric vents L	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311327925	D-120-002-12"-DI(1	CSD-120-002-12"-DI(120):Contaminated sit	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311327926	D-120-007-12"-DI(2	CSD-120-007-12"-DI(250):Contaminated sit	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	311327927	W-120-XXX-6"-DI(5	RWW-120-XXX-6"-DI(511):Raw Waste Water L	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311327928	S-120-003-8"-DI(50	AS-120-003-8"-DI(508):Activated Sludge L	E	MECH-05	Pipe / Fittings	ETP PROCESS		Zone 5
	311329075	"-CS-935-CSW-C12	8"-CS-935-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329076	"-CS-924-CSW-C12	4"-CS-924-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329077	"-CS-073-CSW-C12	4"-CS-073-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329078	"-CS-074-CSW-C12	4"-CS-074-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329079	"-CS-076-CSW-C12	8"-CS-076-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329080	"-CS-077-CSW-C12	4"-CS-077-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329081	"-CS-075-CSW-C12	4"-CS-075-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329082	"-CS-032-CSW-C12	8"-CS-032-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329083	0"-CS-033-CSW-C1	10"-CS-033-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329084	"-CS-927-CSW-C12	4"-CS-927-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329085	"-CS-079-CSW-C12	4"-CS-079-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329086	"-CS-063-CSW-C12	4"-CS-063-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329087	"-CS-933-CSW-C12	8"-CS-933-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329088	"-CS-934-CSW-C12	8"-CS-934-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329089	"-CS-910-CSW-C12	4"-CS-910-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329090	"-CS-911-CSW-C12	4"-CS-911-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329091	"-CS-909-CSW-C12	4"-CS-909-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329092	"-CS-916-CSW-C12	4"-CS-916-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329093	"-CS-912-CSW-C12	4"-CS-912-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329094	"-CS-917-CSW-C12	4"-CS-917-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329095	"-CS-907-CSW-C12	4"-CS-907-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329096	"-CS-034-CSW-C12	4"-CS-034-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329097	"-CS-913-CSW-C12	4"-CS-913-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329098	"-CS-908-CSW-C12	4"-CS-908-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
	311329099	"-CS-906-CSW-C12	4"-CS-906-CSW-C12A: Closed Drain Line	E	MECH-05	Pipe / Fittings	STEAM SYSTEM AREA-111		Zone 5
POSITION DEVICE									
27	330190336	107-PZT-015A	107-PZT-015A:POSITION TRANSMITTER	D	INST-05	Position Device	FUEL GAS SYSTEM AREA-107		Zone 5
	330190337	107-PZT-015B	107-PZT-015B:POSITION TRANSMITTER	D	INST-05	Position Device	FUEL GAS SYSTEM AREA-107		Zone 5
	330190418	109-GSH-157-1	109-GSH-157-1:LIMIT SWITCH	D	INST-05	Position Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190419	109-GSH-157-2	109-GSH-157-2:LIMIT SWITCH	D	INST-05	Position Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190420	109-GSH-157-3	109-GSH-157-3:LIMIT SWITCH	D	INST-05	Position Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190421	109-GSH-158-1	109-GSH-158-1:LIMIT SWITCH	D	INST-05	Position Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190422	109-GSH-158-2	109-GSH-158-2:LIMIT SWITCH	D	INST-05	Position Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190423	109-GSH-158-3	109-GSH-158-3:LIMIT SWITCH	D	INST-05	Position Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190424	109-GSL-157-1	109-GSL-157-1:LIMIT SWITCH	D	INST-05	Position Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190425	109-GSL-157-2	109-GSL-157-2:LIMIT SWITCH	D	INST-05	Position Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190426	109-GSL-157-3	109-GSL-157-3:LIMIT SWITCH	D	INST-05	Position Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190427	109-GSL-158-1	109-GSL-158-1:LIMIT SWITCH	D	INST-05	Position Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190428	109-GSL-158-2	109-GSL-158-2:LIMIT SWITCH	D	INST-05	Position Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190429	109-GSL-158-3	109-GSL-158-3:LIMIT SWITCH	D	INST-05	Position Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190479	109-NS-902-1	109-NS-902-1:LIMIT SWICH	D	INST-05	Position Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190480	109-NS-942A	109-NS-942A:LIMIT SWICH	D	INST-05	Position Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190481	109-NS-942B	109-NS-942B:LIMIT SWICH	D	INST-05	Position Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190576	109-ST-962	109-ST-962:SPEED TRANSMITTER	D	INST-05	Position Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190671	109-US-980	109-US-980:LIMIT SWITCH	C	INST-05	Position Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190704	109-ZS-245-1	109-ZS-245-1:LIMIT SWITCH	D	INST-05	Position Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190705	109-ZS-245-2	109-ZS-245-2:LIMIT SWITCH	D	INST-05	Position Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190706	109-ZSL-925	109-ZSL-925:LIMIT SWITCH CLOSE	D	INST-05	Position Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190707	109-ZSL-926	109-ZSL-926:LIMIT SWITCH CLOSE	D	INST-05	Position Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190708	109-ZT-925	109-ZT-925:POSITION TRANSMITTER	D	INST-05	Position Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330191269	110-ST-101	110-ST-101:SPEED TRANSMITTER	B	INST-05	Position Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191650	111-HZSH-153	111-HZSH-153:LIMIT SWITCH OPEN	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191651	111-HZSH-261	111-HZSH-261:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191652	111-HZSH-267	111-HZSH-267:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191653	111-HZSH-268	111-HZSH-268:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191654	111-HZSH-274	111-HZSH-274:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191655	111-HZSH-281	111-HZSH-281:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191656	111-HZSH-288	111-HZSH-288:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191657	111-HZSH-353	111-HZSH-353:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191658	111-HZSH-354	111-HZSH-354:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191659	111-HZSH-360	111-HZSH-360:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191660	111-HZSH-361	111-HZSH-361:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191661	111-HZSH-367	111-HZSH-367:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191662	111-HZSH-368	111-HZSH-368:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191663	111-HZSH-374	111-HZSH-374:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191664	111-HZSH-381	111-HZSH-381:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191665	111-HZSH-388	111-HZSH-388:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191666	111-HZSH-453	111-HZSH-453:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191667	111-HZSH-454	111-HZSH-454:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191668	111-HZSH-460	111-HZSH-460:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191669	111-HZSH-461	111-HZSH-461:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191670	111-HZSH-467	111-HZSH-467:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191671	111-HZSH-468	111-HZSH-468:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191672	111-HZSH-474	111-HZSH-474:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191673	111-HZSL-178	111-HZSL-178:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191674	111-HZSL-180	111-HZSL-180:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191675	111-HZSL-185	111-HZSL-185:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191676	111-HZSL-187	111-HZSL-187:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191677	111-HZSL-239	111-HZSL-239:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191678	111-HZSL-250	111-HZSL-250:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191679	111-HZSL-252	111-HZSL-252:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191680	111-HZSL-257	111-HZSL-257:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191681	111-HZSL-259	111-HZSL-259:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191682	111-HZSL-264	111-HZSL-264:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191683	111-HZSL-266	111-HZSL-266:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191684	111-HZSL-364	111-HZSL-364:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191685	111-HZSL-366	111-HZSL-366:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191686	111-HZSL-371	111-HZSL-371:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191687	111-HZSL-373	111-HZSL-373:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191688	111-HZSL-378	111-HZSL-378:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191689	111-HZSL-380	111-HZSL-380:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191690	111-HZSL-385	111-HZSL-385:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191691	111-HZSL-387	111-HZSL-387:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191692	111-HZSL-439	111-HZSL-439:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191693	111-HZSL-450	111-HZSL-450:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191694	111-HZSL-452	111-HZSL-452:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191729	111-HZSH-154	111-HZSH-154:LIMIT SWITCH OPEN	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191730	111-HZSH-160	111-HZSH-160:LIMIT SWITCH OPEN	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191731	111-HZSH-161	111-HZSH-161:LIMIT SWITCH OPEN	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191732	111-HZSH-167	111-HZSH-167:LIMIT SWITCH OPEN	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191733	111-HZSH-168	111-HZSH-168:LIMIT SWITCH OPEN	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191734	111-HZSH-174	111-HZSH-174:LIMIT SWITCH OPEN	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191735	111-HZSH-181	111-HZSH-181:LIMIT SWITCH OPEN	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191736	111-HZSH-188	111-HZSH-188:LIMIT SWITCH OPEN	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191737	111-HZSH-253	111-HZSH-253:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191738	111-HZSH-254	111-HZSH-254:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191739	111-HZSH-260	111-HZSH-260:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191740	111-HZSH-481	111-HZSH-481:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191741	111-HZSH-488	111-HZSH-488:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191742	111-HZSL-139	111-HZSL-139:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191743	111-HZSL-150	111-HZSL-150:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191744	111-HZSL-152	111-HZSL-152:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191745	111-HZSL-157	111-HZSL-157:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191746	111-HZSL-159	111-HZSL-159:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191747	111-HZSL-164	111-HZSL-164:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191748	111-HZSL-166	111-HZSL-166:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191749	111-HZSL-171	111-HZSL-171:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191750	111-HZSL-173	111-HZSL-173:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191751	111-HZSL-271	111-HZSL-271:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191752	111-HZSL-273	111-HZSL-273:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191753	111-HZSL-278	111-HZSL-278:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191754	111-HZSL-280	111-HZSL-280:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191755	111-HZSL-285	111-HZSL-285:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191756	111-HZSL-287	111-HZSL-287:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191757	111-HZSL-339	111-HZSL-339:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191758	111-HZSL-350	111-HZSL-350:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191759	111-HZSL-352	111-HZSL-352:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191760	111-HZSL-357	111-HZSL-357:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191761	111-HZSL-359	111-HZSL-359:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330191762	111-HZSL-457	111-HZSL-457:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191763	111-HZSL-459	111-HZSL-459:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191764	111-HZSL-464	111-HZSL-464:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191765	111-HZSL-466	111-HZSL-466:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191766	111-HZSL-471	111-HZSL-471:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191767	111-HZSL-473	111-HZSL-473:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191768	111-HZSL-478	111-HZSL-478:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191769	111-HZSL-480	111-HZSL-480:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191770	111-HZSL-485	111-HZSL-485:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191771	111-HZSL-487	111-HZSL-487:POSITION LIMIT SWITCH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191821	111-MZSH-108	111-MZSH-108:POSITION LIMIT SWITCH HIGH	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191822	111-MZSH-208	111-MZSH-208:POSITION LIMIT SWITCH HIGH	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191823	111-MZSH-308	111-MZSH-308:POSITION LIMIT SWITCH HIGH	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191886	111-MZSH-408	111-MZSH-408:POSITION LIMIT SWITCH HIGH	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191887	111-MZSL-108	111-MZSL-108:POSITION LIMIT SWITCH LOW,	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191888	111-MZSL-208	111-MZSL-208:POSITION LIMIT SWITCH LOW	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191889	111-MZSL-308	111-MZSL-308:POSITION LIMIT SWITCH LOW	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191890	111-MZSL-408	111-MZSL-408:POSITION LIMIT SWITCH LOW	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192635	111-XZS-067	111-XZS-067:LIMIT SWITCH OPEN	C	INST-05	Position Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192636	111-XZSH-065	111-XZSH-065:LIMIT SWITCH OPEN	C	INST-05	Position Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192637	111-XZSH-066	111-XZSH-066:LIMIT SWITCH OPEN	C	INST-05	Position Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192638	111-XZSH-067	111-XZSH-067:LIMIT SWITCH OPEN	C	INST-05	Position Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192639	111-XZSH-068	111-XZSH-068:LIMIT SWITCH OPEN	C	INST-05	Position Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192640	111-XZSH-105	111-XZSH-105:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192641	111-XZSH-112	111-XZSH-112:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192642	111-XZSH-138	111-XZSH-138:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192643	111-XZSH-140	111-XZSH-140:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192644	111-XZSH-145	111-XZSH-145:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192645	111-XZSH-151B	111-XZSH-151B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192646	111-XZSH-212	111-XZSH-212:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192647	111-XZSH-238	111-XZSH-238:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192648	111-XZSH-240	111-XZSH-240:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192649	111-XZSH-245	111-XZSH-245:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192650	111-XZSH-251B	111-XZSH-251B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192651	111-XZSH-255	111-XZSH-255:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192652	111-XZSH-258B	111-XZSH-258B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192653	111-XZSH-262	111-XZSH-262:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192654	111-XZSH-265B	111-XZSH-265B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192655	111-XZSH-269	111-XZSH-269:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192656	111-XZSH-272B	111-XZSH-272B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192657	111-XZSH-355	111-XZSH-355:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192658	111-XZSH-358B	111-XZSH-358B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192659	111-XZSH-362	111-XZSH-362:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192660	111-XZSH-365B	111-XZSH-365B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192661	111-XZSH-369	111-XZSH-369:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192662	111-XZSH-372B	111-XZSH-372B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192663	111-XZSH-376	111-XZSH-376:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192664	111-XZSH-379B	111-XZSH-379B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192665	111-XZSH-383	111-XZSH-383:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192666	111-XZSH-386B	111-XZSH-386B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192667	111-XZSH-390	111-XZSH-390:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192668	111-XZSH-405	111-XZSH-405:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192669	111-XZSH-412	111-XZSH-412:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192670	111-XZSH-438	111-XZSH-438:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192671	111-XZSH-440	111-XZSH-440:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192672	111-XZSH-445	111-XZSH-445:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192673	111-XZSH-451B	111-XZSH-451B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192674	111-XZSH-455	111-XZSH-455:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192675	111-XZSH-458B	111-XZSH-458B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192676	111-XZSH-462	111-XZSH-462:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192677	111-XZSH-469	111-XZSH-469:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192678	111-XZSH-472B	111-XZSH-472B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192706	111-XZS-014	111-XZS-014:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192707	111-XZS-024	111-XZS-024:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192708	111-XZS-034	111-XZS-034:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192709	111-XZS-044	111-XZS-044:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192710	111-XZS-065	111-XZS-065:LIMIT SWITCH OPEN	C	INST-05	Position Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192711	111-XZS-066	111-XZS-066:LIMIT SWITCH OPEN	C	INST-05	Position Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192712	111-XZSH-155	111-XZSH-155:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192713	111-XZSH-158B	111-XZSH-158B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192714	111-XZSH-162	111-XZSH-162:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192715	111-XZSH-169	111-XZSH-169:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192716	111-XZSH-172B	111-XZSH-172B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192717	111-XZSH-176	111-XZSH-176:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192718	111-XZSH-179B	111-XZSH-179B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192719	111-XZSH-183	111-XZSH-183:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192720	111-XZSH-186B	111-XZSH-186B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192721	111-XZSH-190	111-XZSH-190:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192722	111-XZSH-205	111-XZSH-205:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192723	111-XZSH-276	111-XZSH-276:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192724	111-XZSH-279B	111-XZSH-279B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192725	111-XZSH-283	111-XZSH-283:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192726	111-XZSH-286B	111-XZSH-286B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192727	111-XZSH-290	111-XZSH-290:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192728	111-XZSH-305	111-XZSH-305:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192729	111-XZSH-312	111-XZSH-312:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192730	111-XZSH-338	111-XZSH-338:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192731	111-XZSH-340	111-XZSH-340:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192732	111-XZSH-345	111-XZSH-345:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192733	111-XZSH-351B	111-XZSH-351B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192734	111-XZSH-476	111-XZSH-476:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192735	111-XZSH-479B	111-XZSH-479B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192736	111-XZSH-483	111-XZSH-483:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192737	111-XZSH-486B	111-XZSH-486B:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192738	111-XZSH-490	111-XZSH-490:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192739	111-XZSH-940	111-XZSH-940:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192740	111-XZSH-950	111-XZSH-950:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192741	111-XZSH-970	111-XZSH-970:LIMIT SWITCH OPEN	D	INST-05	Position Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192742	111-XZSL-065	111-XZSL-065:LIMIT SWITCH CLOSE	C	INST-05	Position Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192743	111-XZSL-066	111-XZSL-066:LIMIT SWITCH CLOSE	C	INST-05	Position Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192744	111-XZSL-067	111-XZSL-067:LIMIT SWITCH CLOSE	C	INST-05	Position Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192745	111-XZSL-068	111-XZSL-068:LIMIT SWITCH CLOSE	C	INST-05	Position Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192746	111-XZSL-105	111-XZSL-105:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192747	111-XZSL-112	111-XZSL-112:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192748	111-XZSL-125	111-XZSL-125:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192749	111-XZSL-140	111-XZSL-140:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192750	111-XZSL-145	111-XZSL-145:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192751	111-XZSL-150	111-XZSL-150:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192752	111-XZSL-151A	111-XZSL-151A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192753	111-XZSL-151C	111-XZSL-151C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192754	111-XZSL-152	111-XZSL-152:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192755	111-XZSL-155	111-XZSL-155:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192794	112-XZSH-101	112-XZSH-101:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192795	112-XZSH-102	112-XZSH-102:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192796	112-XZSH-103	112-XZSH-103:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192797	112-XZSH-104	112-XZSH-104:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192798	112-XZSH-105	112-XZSH-105:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192799	112-XZSH-106	112-XZSH-106:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192800	112-XZSH-107	112-XZSH-107:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192801	112-XZSH-108	112-XZSH-108:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192802	112-XZSH-109	112-XZSH-109:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192803	112-XZSH-110	112-XZSH-110:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192804	112-XZSH-111	112-XZSH-111:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192805	112-XZSH-211	112-XZSH-211:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192806	112-XZSH-212	112-XZSH-212:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192807	112-XZSH-301	112-XZSH-301:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192808	112-XZSH-302	112-XZSH-302:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192809	112-XZSH-303	112-XZSH-303:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192810	112-XZSH-304	112-XZSH-304:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192811	112-XZSH-305	112-XZSH-305:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192812	112-XZSH-306	112-XZSH-306:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192813	112-XZSH-307	112-XZSH-307:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330192814	112-XZSH-308	112-XZSH-308:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192815	112-XZSH-309	112-XZSH-309:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192820	112-XZSL-101	112-XZSL-101:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192821	112-XZSL-102	112-XZSL-102:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192822	112-XZSL-103	112-XZSL-103:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192823	112-XZSL-104	112-XZSL-104:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192824	112-XZSL-105	112-XZSL-105:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192825	112-XZSL-106	112-XZSL-106:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192826	112-XZSL-107	112-XZSL-107:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192827	111-XZSL-157	111-XZSL-157:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192828	111-XZSL-158A	111-XZSL-158A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192829	111-XZSL-158C	111-XZSL-158C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192830	111-XZSL-159	111-XZSL-159:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192831	111-XZSL-162	111-XZSL-162:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192832	111-XZSL-164	111-XZSL-164:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192833	111-XZSL-165C	111-XZSL-165C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192834	111-XZSL-166	111-XZSL-166:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192835	111-XZSL-169	111-XZSL-169:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192836	111-XZSL-171	111-XZSL-171:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192837	111-XZSL-172A	111-XZSL-172A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192838	111-XZSL-172C	111-XZSL-172C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192839	111-XZSL-173	111-XZSL-173:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192840	111-XZSL-176	111-XZSL-176:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192841	111-XZSL-178	111-XZSL-178:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192842	111-XZSL-179A	111-XZSL-179A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192843	111-XZSL-179C	111-XZSL-179C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192844	111-XZSL-180	111-XZSL-180:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192845	111-XZSL-183	111-XZSL-183:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192846	111-XZSL-185	111-XZSL-185:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192847	111-XZSL-186A	111-XZSL-186A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192848	111-XZSL-186C	111-XZSL-186C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192849	111-XZSL-187	111-XZSL-187:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192850	111-XZSL-190	111-XZSL-190:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192851	111-XZSL-205	111-XZSL-205:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192852	111-XZSL-212	111-XZSL-212:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192853	111-XZSL-225	111-XZSL-225:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192854	111-XZSL-238	111-XZSL-238:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192855	111-XZSL-240	111-XZSL-240:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192856	111-XZSL-245	111-XZSL-245:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192857	111-XZSL-250	111-XZSL-250:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192858	111-XZSL-251A	111-XZSL-251A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192859	111-XZSL-251C	111-XZSL-251C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192860	111-XZSL-252	111-XZSL-252:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192861	111-XZSL-255	111-XZSL-255:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192862	111-XZSL-257	111-XZSL-257:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192863	111-XZSL-258A	111-XZSL-258A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192864	111-XZSL-258C	111-XZSL-258C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192865	111-XZSL-259	111-XZSL-259:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192866	111-XZSL-262	111-XZSL-262:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192867	111-XZSL-264	111-XZSL-264:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192868	111-XZSL-265A	111-XZSL-265A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192869	111-XZSL-265C	111-XZSL-265C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192870	111-XZSL-266	111-XZSL-266:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192871	111-XZSL-269	111-XZSL-269:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192872	111-XZSL-271	111-XZSL-271:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192873	111-XZSL-272A	111-XZSL-272A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192874	111-XZSL-272C	111-XZSL-272C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192875	111-XZSL-273	111-XZSL-273:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192876	111-XZSL-276	111-XZSL-276:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192877	111-XZSL-278	111-XZSL-278:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192878	111-XZSL-279A	111-XZSL-279A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192879	111-XZSL-279C	111-XZSL-279C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192880	111-XZSL-280	111-XZSL-280:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192881	111-XZSL-283	111-XZSL-283:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192882	111-XZSL-285	111-XZSL-285:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192883	111-XZSL-286A	111-XZSL-286A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192884	111-XZSL-286C	111-XZSL-286C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192885	111-XZSL-287	111-XZSL-287:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192886	111-XZSL-290	111-XZSL-290:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192887	111-XZSL-305	111-XZSL-305:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192888	111-XZSL-312	111-XZSL-312:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192889	111-XZSL-325	111-XZSL-325:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192890	111-XZSL-338	111-XZSL-338:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192891	111-XZSL-340	111-XZSL-340:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192892	111-XZSL-345	111-XZSL-345:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192893	111-XZSL-350	111-XZSL-350:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192894	111-XZSL-351A	111-XZSL-351A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192895	111-XZSL-351C	111-XZSL-351C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192896	111-XZSL-352	111-XZSL-352:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192897	111-XZSL-355	111-XZSL-355:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192898	111-XZSL-357	111-XZSL-357:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192899	111-XZSL-358A	111-XZSL-358A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192900	111-XZSL-358C	111-XZSL-358C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192901	111-XZSL-359	111-XZSL-359:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192902	111-XZSL-362	111-XZSL-362:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192903	111-XZSL-364	111-XZSL-364:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192904	111-XZSL-365A	111-XZSL-365A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192905	111-XZSL-365C	111-XZSL-365C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192906	111-XZSL-366	111-XZSL-366:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192907	111-XZSL-369	111-XZSL-369:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192908	111-XZSL-371	111-XZSL-371:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192909	111-XZSL-372A	111-XZSL-372A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192910	111-XZSL-372C	111-XZSL-372C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192911	111-XZSL-373	111-XZSL-373:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192912	111-XZSL-376	111-XZSL-376:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192913	111-XZSL-378	111-XZSL-378:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192914	111-XZSL-379A	111-XZSL-379A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192915	111-XZSL-379C	111-XZSL-379C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192916	111-XZSL-380	111-XZSL-380:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192917	111-XZSL-383	111-XZSL-383:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192918	111-XZSL-385	111-XZSL-385:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192919	111-XZSL-386A	111-XZSL-386A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192920	111-XZSL-386C	111-XZSL-386C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192921	111-XZSL-387	111-XZSL-387:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192922	111-XZSL-390	111-XZSL-390:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192923	111-XZSL-405	111-XZSL-405:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192924	111-XZSL-412	111-XZSL-412:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192925	111-XZSL-425	111-XZSL-425:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192926	111-XZSL-438	111-XZSL-438:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192927	111-XZSL-440	111-XZSL-440:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192928	111-XZSL-445	111-XZSL-445:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192929	111-XZSL-450	111-XZSL-450:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192930	111-XZSL-451A	111-XZSL-451A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192931	111-XZSL-451C	111-XZSL-451C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192932	111-XZSL-452	111-XZSL-452:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192933	111-XZSL-455	111-XZSL-455:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192934	111-XZSL-457	111-XZSL-457:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192935	111-XZSL-458A	111-XZSL-458A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192936	111-XZSL-458C	111-XZSL-458C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192937	111-XZSL-459	111-XZSL-459:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192938	111-XZSL-462	111-XZSL-462:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192939	111-XZSL-464	111-XZSL-464:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192940	111-XZSL-465A	111-XZSL-465A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192941	111-XZSL-465C	111-XZSL-465C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192942	111-XZSL-466	111-XZSL-466:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192943	111-XZSL-469	111-XZSL-469:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192944	111-XZSL-471	111-XZSL-471:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192945	111-XZSL-472A	111-XZSL-472A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192946	111-XZSL-472C	111-XZSL-472C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192947	111-XZSL-473	111-XZSL-473:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192948	111-XZSL-476	111-XZSL-476:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192949	111-XZSL-478	111-XZSL-478:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330192950	111-XZSL-479A	111-XZSL-479A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192951	111-XZSL-479C	111-XZSL-479C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192952	111-XZSL-480	111-XZSL-480:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192953	111-XZSL-483	111-XZSL-483:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192954	111-XZSL-485	111-XZSL-485:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192955	111-XZSL-486A	111-XZSL-486A:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192956	111-XZSL-486C	111-XZSL-486C:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192957	111-XZSL-487	111-XZSL-487:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192958	111-XZSL-490	111-XZSL-490:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330193006	112-XZSH-112	112-XZSH-112:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193007	112-XZSH-201	112-XZSH-201:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193008	112-XZSH-202	112-XZSH-202:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193009	112-XZSH-203	112-XZSH-203:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193010	112-XZSH-204	112-XZSH-204:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193011	112-XZSH-205	112-XZSH-205:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193012	112-XZSH-206	112-XZSH-206:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193013	112-XZSH-207	112-XZSH-207:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193014	112-XZSH-208	112-XZSH-208:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193015	112-XZSH-209	112-XZSH-209:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193016	112-XZSH-210	112-XZSH-210:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193017	112-XZSH-310	112-XZSH-310:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193018	112-XZSH-311	112-XZSH-311:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193019	112-XZSH-312	112-XZSH-312:LIMIT SWITCH OPEN, MIXED BE	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193020	112-XZSH-402	112-XZSH-402:LIMIT SWITCH OPEN, 112-XV-4	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193021	112-XZSH-403	112-XZSH-403:LIMIT SWITCH OPEN, 112-XV-4	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193028	112-XZSL-108	112-XZSL-108:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193029	112-XZSL-109	112-XZSL-109:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193030	112-XZSL-110	112-XZSL-110:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193031	112-XZSL-111	112-XZSL-111:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193032	112-XZSL-112	112-XZSL-112:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193033	112-XZSL-201	112-XZSL-201:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193034	112-XZSL-202	112-XZSL-202:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193035	112-XZSL-203	112-XZSL-203:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193036	112-XZSL-204	112-XZSL-204:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193037	112-XZSL-205	112-XZSL-205:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193038	112-XZSL-206	112-XZSL-206:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193039	112-XZSL-207	112-XZSL-207:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193040	112-XZSL-208	112-XZSL-208:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193041	112-XZSL-209	112-XZSL-209:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193042	112-XZSL-210	112-XZSL-210:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193043	112-XZSL-211	112-XZSL-211:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193044	112-XZSL-212	112-XZSL-212:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193045	112-XZSL-301	112-XZSL-301:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193046	112-XZSL-302	112-XZSL-302:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193047	112-XZSL-303	112-XZSL-303:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193048	112-XZSL-304	112-XZSL-304:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193049	112-XZSL-305	112-XZSL-305:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193085	115-LZSL-004A	115-LZSL-004A:LIMIT SWITCH CLOSE, SEA WA	D	INST-05	Position Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193086	115-LZSL-004B	115-LZSL-004B:LIMIT SWITCH CLOSE, SEA WA	D	INST-05	Position Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193089	112-XZSL-306	112-XZSL-306:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193090	112-XZSL-307	112-XZSL-307:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193091	112-XZSL-308	112-XZSL-308:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193092	112-XZSL-309	112-XZSL-309:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193093	112-XZSL-310	112-XZSL-310:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193094	112-XZSL-311	112-XZSL-311:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193095	112-XZSL-312	112-XZSL-312:LIMIT SWITCH CLOSE, MIXED B	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193096	112-XZSL-402	112-XZSL-402:LIMIT SWITCH CLOSE, 112-XV-	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193097	112-XZSL-403	112-XZSL-403:LIMIT SWITCH CLOSE, 112-XV-	D	INST-05	Position Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193135	115-LZSH-004A	115-LZSH-004A:LIMIT SWITCH OPEN, SEA WAT	D	INST-05	Position Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193136	115-LZSH-004B	115-LZSH-004B:LIMIT SWITCH OPEN, SEA WAT	D	INST-05	Position Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330194178	119-FY-002	119-FY-002:I/P CONVRTR, 5-FOLD M/F, STM	C	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194179	119-FY-002A	119-FY-002A:I/P CONVERTER, STEAM TO HP F	C	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194180	119-FY-002B	119-FY-002B:I/P CONVERTER, STEAM TO HP F	C	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194181	119-FY-003	119-FY-003:I/P CONVRTR, 5-FOLD M/F, STM	C	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194182	119-FY-003A	119-FY-003A:I/P CONVERTER, STEAM TO HP F	D	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194183	119-FY-003B	119-FY-003B:I/P CONVERTER, STEAM TO HP F	A	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194184	119-FY-005	119-FY-005:I/P CONVRTR, AMPFR. LPG GAS T	D	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194185	119-FY-006	119-FY-006:I/P CONVRTR, AMPFR. FUEL GAS	B	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194186	119-FY-008	119-FY-008:I/P CONVRTR, AMPFR. LPG GAS T	B	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194219	119-PY-003	119-PY-003:SOL. 5 FOLD VLV MANIFOLD, FOR	D	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194220	119-PY-004	119-PY-004:SOL. 6 FOLD VALVE MANIFOLD, 1	D	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194255	119-FY-009	119-FY-009:I/P CONVRTR, AMPFR. IGNITION	D	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194256	119-FY-010	119-FY-010:I/P CONVRTR, AMPFR. LPG GAS T	B	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194257	119-FY-011	119-FY-011:I/P CONVRTR, AMPFR. FUEL GAS	B	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194258	119-FY-012	119-FY-012:I/P CONVRTR, AMPFR. FUEL GAS	B	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194259	119-FY-013	119-FY-013:I/P CONVRTR, AMPFR. FUEL GAS	A	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194315	119-XZSH-011	119-XZSH-011:LIMIT SWITCH OPEN, PURGE GA	C	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194316	119-XZSH-012	119-XZSH-012:LIMIT SWITCH OPEN, PURGE GA	B	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194317	119-XZSH-013	119-XZSH-013:LIMIT SWITCH OPEN, PURGE GA	C	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194318	119-XZSH-014	119-XZSH-014:LIMIT SWITCH OPEN, PURGE GA	C	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194319	119-XZSL-011	119-XZSL-011:LIMIT SWITCH CLOSE, PURGE G	C	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194320	119-XZSL-012	119-XZSL-012:LIMIT SWITCH CLOSE, PURGE G	A	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194321	119-XZSL-013	119-XZSL-013:LIMIT SWITCH CLOSE, PURGE G	C	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330194322	119-XZSL-014	119-XZSL-014:LIMIT SWITCH CLOSE, PURGE G	B	INST-05	Position Device	FLARE SYSTEM AREA-119		Zone 5
	330200206	120-LZSH-712	120-LZSH-712:LIMIT SWITCH OPEN	D	INST-05	Position Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200209	120-LZSL-104	120-LZSL-104:LIMIT SWITCH CLOSE	D	INST-05	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330200212	120-LZSL-203	120-LZSL-203:LIMIT SWITCH CLOSE	D	INST-05	Position Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200215	120-LZSL-238	120-LZSL-238:LIMIT SWITCH CLOSE	D	INST-05	Position Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200218	120-LZSL-582	120-LZSL-582:LIMIT SWITCH CLOSE	D	INST-05	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330200221	120-LZSL-612	120-LZSL-612:LIMIT SWITCH CLOSE	D	INST-05	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330200224	120-LZSL-691	120-LZSL-691:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200227	120-LZSL-692	120-LZSL-692:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200354	120-LZSL-711	120-LZSL-711:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200357	120-LZSL-712	120-LZSL-712:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200879	120-ZZSH-327	120-ZZSH-327:SOLENOID VALVE LIMIT SWITCH	D	INST-05	Position Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200882	120-ZZSH-355	120-ZZSH-355:SOLENOID VALVE LIMIT SWITCH	D	INST-05	Position Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200885	120-ZZSL-327	120-ZZSL-327:SOLENOID VALVE LIMIT SWITCH	D	INST-05	Position Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200888	120-ZZSL-355	120-ZZSL-355:SOLENOID VALVE LIMIT SWITCH	D	INST-05	Position Device	AEROBIC TREATMENT AREA-120		Zone 5
	330228087	111-FZT-105	111-FZT-105:POSITION TRANSMITTER	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228092	111-FZSL-110	111-FZSL-110:LIMIT SWITCH CLOSE	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228093	111-FZSL-133	111-FZSL-133:LIMIT SWITCH CLOSE	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228094	111-FZSL-135	111-FZSL-135:LIMIT SWITCH CLOSE	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228095	111-FZSL-140	111-FZSL-140:LIMIT SWITCH CLOSE	C	INST-05	Position Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228259	111-XZSL-950	111-XZSL-950:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330228260	111-XZSL-951	111-XZSL-951:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330228261	111-XZSL-970	111-XZSL-970:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330228262	111-XZSL-971	111-XZSL-971:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330228266	111-XZSL-940	111-XZSL-940:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330228267	111-XZSL-941	111-XZSL-941:LIMIT SWITCH CLOSE	D	INST-05	Position Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330228408	115-SE-101	115-SE-101:PRI XMTR ,TURBINE OVERSPEED	A	INST-05	Position Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228409	115-SE-102	115-SE-102:PRI XMTR,TURBINE OVER SPEED	A	INST-05	Position Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228410	115-SE-103	115-SE-103:PRI XMTR,TURBINE OVER SPEED	A	INST-05	Position Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228411	115-SE-104	115-SE-104:SPEED PRIMARY XMTR, TURBINE O	D	INST-05	Position Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228412	115-SE-105	115-SE-105:SPEED PRIMARY XMTR, TURBINE O	D	INST-05	Position Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330229868	111-FZSL-333	111-FZSL-333:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229869	111-FZSL-335	111-FZSL-335:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229870	111-FZSL-340	111-FZSL-340:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229871	111-FZSL-410	111-FZSL-410:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229872	111-FZSL-433	111-FZSL-433:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229873	111-FZSL-435	111-FZSL-435:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229874	111-FZSL-440	111-FZSL-440:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229875	111-FZT-205	111-FZT-205:POSITION TRANSMITTER	C	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229876	111-FZT-305	111-FZT-305:POSITION TRANSMITTER	C	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229877	111-FZT-405	111-FZT-405:POSITION TRANSMITTER	C	INST-05	Position Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229896	111-FZSL-210	111-FZSL-210:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229897	111-FZSL-233	111-FZSL-233:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229898	111-FZSL-235	111-FZSL-235:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229899	111-FZSL-240	111-FZSL-240:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229900	111-FZSL-310	111-FZSL-310:POSITION LIMIT SWITCH	C	INST-05	Position Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330531945	120-XZSH-1451	120-XZSH-1451:PROXIMITY SWITCH	B	INST-03	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330531946	120-XZSL-1623	120-XZSL-1623:PROXIMITY SWITCH	D	INST-03	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330531947	120-XZSL-1231	120-XZSL-1231:PROXIMITY SWITCH	D	INST-03	Position Device	PRETREATMENT AREA AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330531948	120-XZSL-1451	120-XZSL-1451:PROXIMITY SWITCH	B	INST-03	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330531949	120-XZSL-1331	120-XZSL-1331:PROXIMITY SWITCH	D	INST-03	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330531950	120-XZSH-1623	120-XZSH-1623:PROXIMITY SWITCH	D	INST-03	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330531951	120-XZSH-1002	120-XZSH-1002:PROXIMITY SWITCH	D	INST-03	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330531952	120-XZSH-1331	120-XZSH-1331:PROXIMITY SWITCH	D	INST-03	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330531953	120-XZSL-1002	120-XZSL-1002:PROXIMITY SWITCH	D	INST-03	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330531954	120-XZSL-1001	120-XZSL-1001:PROXIMITY SWITCH	D	INST-03	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330531955	120-XZSH-1319	120-XZSH-1319:PROXIMITY SWITCH	D	INST-03	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330531956	120-XZSL-1319	120-XZSL-1319:PROXIMITY SWITCH	D	INST-03	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330531957	120-XZSH-1231	120-XZSH-1231:PROXIMITY SWITCH	D	INST-03	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330531958	120-XZSH-1309	120-XZSH-1309:PROXIMITY SWITCH	B	INST-03	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330531959	120-XZSL-1309	120-XZSL-1309:PROXIMITY SWITCH	B	INST-03	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330531960	120-XZSH-1001	120-XZSH-1001:PROXIMITY SWITCH	D	INST-03	Position Device	PRETREATMENT AREA AREA-120		Zone 5
	330533823	V84-FTD-1141	V84-FTd-1141: Position Transmitter	A	INST-05	Position Device	PIPING SYSTEM		Zone 5
	330533824	V84-FTD-1142	V84-FTd-1142: Position Transmitter	A	INST-05	Position Device	PIPING SYSTEM		Zone 5
POWER CABINETS									
28	320035300	000-PMCC-004A	000-PMCC-004A:PMCC 380 V, MAIN SUBSTATIO	B	ELEC-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035301	000-PMCC-004B	000-PMCC-004B:PMCC 380 V, MAIN SUBSTATIO	B	ELEC-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035302	000-PMCC-004E	000-PMCC-004E:PMCC 380 V, MAIN SUBSTATIO	B	ELEC-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035303	000-PMCC-004G	000-PMCC-004G:PMCC 380 V, MAIN SUBSTATIO	B	ELEC-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035304	000-PMCC-005A	000-PMCC-005A:PMCC 3.3 KV, UTILITY SUBST	A	ELEC-05	Power cabinets	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320035305	000-PMCC-005B	000-PMCC-005B:PMCC 3.3 KV, UTILITY SUBST	B	ELEC-05	Power cabinets	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320035306	000-PMCC-006A	000-PMCC-006A:PMCC 380 V, UTILITY SUBSTA	B	ELEC-05	Power cabinets	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320035307	000-PMCC-006B	000-PMCC-006B:PMCC 380 V, UTILITY SUBSTA	B	ELEC-05	Power cabinets	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320035308	000-PMCC-006E	000-PMCC-006E:PMCC 380 V, UTILITY SUBSTA	B	ELEC-05	Power cabinets	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320035310	000-PSG-001A	000-PSG-001A:115 KV SWITCHBOARD, MAIN SU	A	ELEC-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035343	000-PMCC-003A	000-PMCC-003A:PMCC 3.3 KV, MAIN SUBSTATI	B	ELEC-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035344	000-PMCC-003B	000-PMCC-003B:PMCC 3.3 KV, MAIN SUBSTATI	B	ELEC-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320037814	119-PDB-001	119-PDB-001:POWER DB, EMERGENCY LIGHTING	C	ELEC-05	Power cabinets	FLARE SYSTEM AREA-119		Zone 5
	320037815	119-PDB-002	119-PDB-002:POWER DB, LIGHTING FLARE ARE	C	ELEC-05	Power cabinets	FLARE SYSTEM AREA-119		Zone 5
	320037816	119-PDB-TH1	119-PDB-TH1:POWER DB, TRACE HEATING NO.	B	ELEC-05	Power cabinets	FLARE SYSTEM AREA-119		Zone 5
	320037817	119-PDB-TR3	119-PDB-TR3:POWER DB, SMALL POWER X-FORM	D	ELEC-05	Power cabinets	FLARE SYSTEM AREA-119		Zone 5
	320037957	120-PMCC-013A	120-PMCC-013A: INCOMER "A	D	ELEC-05	Power cabinets	ETP SUBSTATION		Zone 5
	320037958	120-PMCC-013B	120-PMCC-013B: INCOMER "B"	D	ELEC-05	Power cabinets	ETP SUBSTATION		Zone 5
	320049867	119-YF-001	119-YF-001:FLARE FEEDER NO. 1 PANEL	B	ELEC-05	Power cabinets	FLARE SYSTEM AREA-119		Zone 5
	320049868	119-YF-002	119-YF-002:FLARE FEEDER NO. 2 PANEL	B	ELEC-05	Power cabinets	FLARE SYSTEM AREA-119		Zone 5
	320069891	20-PMCC-13, BUS T	120-PMCC-13, BUS TIE	D	MECH-05	Power cabinets	ETP SUBSTATION		Zone 5
	320069912	-PMCC-005 A/B BU	000-PMCC-005 A/B (BUSTIE) UTY#2 PACK.S/S	B	ELEC-05	Power cabinets	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320104141	110-Y-001-MCC	110-Y-001-MCC Air compressor package MCC	B	ELEC-05	Power cabinets	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	320104142	111-Y-001-MCC	111-Y-001-MCC: Boiler Package MCC	A	ELEC-05	Power cabinets	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	320104143	117-Y-001-MCC	117-Y-001-MCC: Chilled water Package MCC	D	ELEC-05	Power cabinets	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	320104144	112-Y-001-MCC	112-Y-001-MCC: Demin Water Package MCC	B	ELEC-05	Power cabinets	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320104145	109-Y-001-MCC	109-Y-001-MCC: Netrogen Plant Package MC	B	ELEC-05	Power cabinets	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	320104146	119-Y-001-MCC	119-Y-001-MCC: Flare Package MCC	C	ELEC-05	Power cabinets	FLARE SYSTEM AREA-119		Zone 5
	320107199	106-F-001-CPR-19	RECTIFIER PANEL FOR 106-F-001	C	ELEC-05	Power cabinets	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	320107200	106-F-002-CPR-20	RECTIFIER PANEL FOR 106-F-002	C	ELEC-05	Power cabinets	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	320107201	111-F-001-CPR-21	RECTIFIER PANEL FOR 111-F-001	C	ELEC-05	Power cabinets	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	320107202	112-F-001-CPR-22	RECTIFIER PANEL FOR 112-F-001	C	ELEC-05	Power cabinets	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320107203	13-F-001-EXT-CPR-2	RECTIFIER PANEL FOR 113-F-001(EXT)	C	ELEC-05	Power cabinets	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	320107210	14-F-001-EXT-CPR-2	RECTIFIER PANEL FOR 114-F-001(EXT)	C	ELEC-05	Power cabinets	POTABLE WATER AREA-114	Potable water Area	Zone 5
	320123388	P-B-120-01	P-B-120-01:LV-METAL-ENCLOSED BUS DUCT, 3	B	ELEC-03	Power cabinets	PRETREATMENT AREA AREA-120		Zone 5
	320123389	P-B-120-02	P-B-120-02:LV-METAL-ENCLOSED BUS DUCT, 3	B	ELEC-03	Power cabinets	PRETREATMENT AREA AREA-120		Zone 5
	320123834	TF2-HAMC-2201	TF2-HAMC-2201:MCC PANEL	C	ELEC-05	Power cabinets	PIPING SYSTEM		Zone 5
	320123835	TF2-HAMC-2211	TF2-HAMC-2211:MCC PANEL	C	ELEC-05	Power cabinets	PIPING SYSTEM		Zone 5
	320123836	Y-7203-PP	Y-7203-PP:MCC PANEL	B	ELEC-05	Power cabinets	PIPING SYSTEM		Zone 5
	320123839	134-HAMC-03A	134-HAMC-03A:MCC PANEL	B	ELEC-05	Power cabinets	PIPING SYSTEM		Zone 5
	320123840	134-HAMC-03B	134-HAMC-03B:MCC PANEL	B	ELEC-05	Power cabinets	PIPING SYSTEM		Zone 5
	320123841	50-HAMC-01	50-HAMC-01:MCC PANEL	B	ELEC-05	Power cabinets	PIPING SYSTEM	Aromatics Common Unit	Zone 5
	320123863	112-Y-002-MCC	112-Y-002-MCC:MOTOR CONTROL PANEL	B	ELEC-05	Power cabinets	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	320137771	2300-LB1	2300-LB1:OUTDOOR LIGHTING PANEL	D	ELEC-05	Power cabinets	LIGHTING FOR UTY-2		Zone 5
	320137772	2300-ESB1	2300-ESB1:OUTDOOR LIGHTING PANEL	D	ELEC-02	Power cabinets	LIGHTING FOR UTY-2		Zone 5
	320137773	3700-LB1	3700-LB1:OUTDOOR LIGHTING PANEL	D	ELEC-05	Power cabinets	LIGHTING FOR UTY-2		Zone 5
	320137774	3700-LB2	3700-LB2:OUTDOOR LIGHTING PANEL	D	ELEC-05	Power cabinets	LIGHTING FOR UTY-2		Zone 5
	320137775	3700-LB3	3700-LB3:OUTDOOR LIGHTING PANEL	D	ELEC-05	Power cabinets	LIGHTING FOR UTY-2		Zone 5
	320137776	3700-LB4	3700-LB4:OUTDOOR LIGHTING PANEL	D	ELEC-02	Power cabinets	LIGHTING FOR UTY-2		Zone 5
	320137777	3700-ELB2	3700-ELB2:OUTDOOR LIGHTING PANEL	D	ELEC-05	Power cabinets	LIGHTING FOR UTY-2		Zone 5
	320137778	4600-LB4	4600-LB4:OUTDOOR LIGHTING PANEL	D	ELEC-05	Power cabinets	LIGHTING FOR UTY-2		Zone 5
	320137779	4600-PLB1	4600-PLB1:OUTDOOR LIGHTING PANEL	D	ELEC-05	Power cabinets	LIGHTING FOR UTY-2		Zone 5
	320137780	4600-PLB2	4600-PLB2:OUTDOOR LIGHTING PANEL	D	ELEC-05	Power cabinets	LIGHTING FOR UTY-2		Zone 5
	320137781	4600-PLB3	4600-PLB3:OUTDOOR LIGHTING PANEL	D	ELEC-05	Power cabinets	LIGHTING FOR UTY-2		Zone 5
	320137782	4600-THB1	4600-THB1:OUTDOOR LIGHTING PANEL	D	ELEC-05	Power cabinets	LIGHTING FOR UTY-2		Zone 5
	320137783	4600-THB2	4600-THB2:OUTDOOR LIGHTING PANEL	D	ELEC-05	Power cabinets	LIGHTING FOR UTY-2		Zone 5
	320137784	9600-LB1	9600-LB1:OUTDOOR LIGHTING PANEL	D	ELEC-05	Power cabinets	LIGHTING FOR UTY-2		Zone 5
	320137785	9700-LB1	9700-LB1:OUTDOOR LIGHTING PANEL	D	ELEC-05	Power cabinets	LIGHTING FOR UTY-2		Zone 5
	320137806	PDB-SWH-001	PDB-SWH-001 :Power DB	D	ELEC-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330278025	111-LCC-101	111-LCC-101:PLC PANELS BOILER # 1	B	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278026	111-LCC-201	111-LCC-201:PLC PANELS BOILER # 2	B	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278027	111-LCC-301	111-LCC-301:PLC PANELS BOILER # 3	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278028	111-LCC-401	111-LCC-401:PLC PANELS BOILER # 4	B	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278029	111-LP/LJBS-101	111-LP-101:LOCAL PANELS/JBS BOILER#1	D	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278030	111-LP/LJBS-201	111-LP-201:LOCAL PANELS/JBS BOILER#2	D	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278031	111-LP/LJBS-301	111-LP-301:LOCAL PANELS/JBS BOILER#3	D	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278032	111-LP/LJBS-401	111-LP-401:LOCAL PANELS/JBS BOILER#4	D	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278045	111-LCC-901	111-LCC-901:PLC PANEL COM SERVICES BLRS	A	INST-05	Power cabinets	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330278046	111-LP-901	111-LP-901:LOCAL PANEL COM SERVICES BLRS	D	INST-05	Power cabinets	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330278047	111-LP-905	111-LP-905:LOCAL PANEL COM SERVICES BLRS	D	INST-05	Power cabinets	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330278048	110-LCC/LP-101	110-LCC-101:PLC PANEL COMPRESSOR # 1	B	INST-05	Power cabinets	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330278049	110-LCC/LP-201	110-LCC-201:PLC PANELS COMPRESSOR # 2	B	INST-05	Power cabinets	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330278050	110-LCC/LP-301	110-LCC-301:PLC PANELS COMPRESSOR # 3	B	INST-05	Power cabinets	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330278054	109-LP-101	109-LP-101:LP PANELS NITROGEN PLANT	C	INST-05	Power cabinets	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330278055	110-LP-401	110-LP-401:LOCAL PANEL AIR DRYER#1	B	INST-05	Power cabinets	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330278056	110-LP-501	110-LP-501:LOCAL PANEL AIR DRYER#2	B	INST-05	Power cabinets	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330278057	110-LCC-601	110-LCC-601:PLC PANEL SEQUENCER - COMPRS	B	INST-05	Power cabinets	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330490035	116-LPP-101	116-LPP-101: CONTROL PANEL OF 116-G-001	C	IN-05	Power cabinets	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330490036	116-LPP-102	116-LPP-102: CONTROL PANEL OF 116-G-002	C	IN-05	Power cabinets	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330490037	116-LPP-103	116-LPP-103: CONTROL PANEL OF 116-G-003	C	IN-05	Power cabinets	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330490038	117-LPP-101	117-LPP-101: CONTROL PANEL OF 117-G-001	C	IN-05	Power cabinets	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	330490039	117-LPP-102	117-LPP-102: CONTROL PANEL OF 117-G-002	C	IN-05	Power cabinets	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	330532074	E-FCS-201	E-FCS-201: System Cabinet	A	INST-03	Power cabinets	PIPING SYSTEM		Zone 5
	330532075	E-FCS-202	E-FCS-202: System Cabinet	A	INST-03	Power cabinets	PIPING SYSTEM		Zone 5
	330532076	E-DMB-201	E-DMB-201: Marshalling Cabinet	A	INST-03	Power cabinets	PIPING SYSTEM		Zone 5
	330532077	E-DMB-202	E-DMB-202: Marshalling Cabinet	A	INST-03	Power cabinets	PIPING SYSTEM		Zone 5
	330532078	E-DMB-203	E-DMB-203: Marshalling Cabinet	A	INST-03	Power cabinets	PIPING SYSTEM		Zone 5
	330532079	E-FCS-301	E-FCS-301: System Cabinet	A	INST-03	Power cabinets	PIPING SYSTEM		Zone 5
	330532080	E-FCS-302	E-FCS-302: System Cabinet	A	INST-03	Power cabinets	PIPING SYSTEM		Zone 5
	330532081	E-DMB-301	E-DMB-301: Marshalling Cabinet	A	INST-03	Power cabinets	PIPING SYSTEM		Zone 5
	330532082	E-DMB-302	E-DMB-302: Marshalling Cabinet	A	INST-03	Power cabinets	PIPING SYSTEM		Zone 5
	330532083	E-DMB-303	E-DMB-303: Marshalling Cabinet	A	INST-03	Power cabinets	PIPING SYSTEM		Zone 5
	330532084	E-PDB-301	E-PDB-301: Power Cabinet	B	INST-03	Power cabinets	PIPING SYSTEM		Zone 5
	330532085	E-DCB-301	E-DCB-301: Network Cabinet	A	INST-03	Power cabinets	PIPING SYSTEM		Zone 5
	330532086	E-F&G-301	E-F&G-301: System Cabinet	A	INST-03	Power cabinets	PIPING SYSTEM		Zone 5
	330532087	E-FMB-301	E-FMB-301: Marshalling Cabinet	A	INST-03	Power cabinets	PIPING SYSTEM		Zone 5
	330533471	TF2-HADC-2201	TF2-HADC-2201 : DDC Panel	C	INST-05	Power cabinets	PIPING SYSTEM		Zone 5
	330533472	TF2-HADC-2211	TF2-HADC-2211 : DDC Panel	C	INST-05	Power cabinets	PIPING SYSTEM		Zone 5
	330533473	Y-7203-LCP	Y-7203-LCP : DDC Panel	C	INST-05	Power cabinets	PIPING SYSTEM		Zone 5
	330533474	V25-006-CP-008	V25-006-CP-008 : DDC Panel	B	INST-05	Power cabinets	PIPING SYSTEM		Zone 5
	330533475	134-HADC-03	134-HADC-03 : DDC Panel	C	INST-05	Power cabinets	PIPING SYSTEM		Zone 5
	330533477	115-LPP-101A	115-LPP-101A: Marshalling Rack	B	INST-05	Power cabinets	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330533478	115-LPP-101B	115-LPP-101B: Marshalling Rack	C	INST-05	Power cabinets	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330533480	115-LPP-102A	115-LPP-102A: Marshalling Rack	D	INST-05	Power cabinets	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330533481	115-LPP-102B	115-LPP-102B: Marshalling Rack	C	INST-05	Power cabinets	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330533483	115-LPP-103A	115-LPP-103A: Marshalling Rack	B	INST-05	Power cabinets	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330533485	115-LPP-103C	115-LPP-103C: Marshalling Rack	B	INST-05	Power cabinets	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330533486	116-LPP-101A	116-LPP-101A: Marshalling Rack	C	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330533487	116-LPP-101B	116-LPP-101B: Marshalling Rack	C	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330533489	116-LPP-102A	116-LPP-102A: Marshalling Rack	C	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330533490	116-LPP-102B	116-LPP-102B: Marshalling Rack	C	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330533492	116-LPP-103A	116-LPP-103A: Marshalling Rack	C	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330533494	116-LPP-103C	116-LPP-103C: Marshalling Rack	C	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330533495	117-LPP-101A	117-LPP-101A: Marshalling Rack	C	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area 2	Zone 5
	330533496	117-LPP-101B	117-LPP-101B: Marshalling Rack	C	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area 2	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330533498	117-LPP-102A	117-LPP-102A: Marshalling Rack	C	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area 2	Zone 5
	330533500	117-LPP-102C	117-LPP-102C: Marshalling Rack	C	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area 2	Zone 5
	330533502	116-DMB-501	116-DMB-501: Marshalling Rack	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120	Cooling Water Area	Zone 5
	330533504	116-DMB-502	116-DMB-502: Marshalling Rack	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120	Cooling Water Area	Zone 5
	330533508	U-DMB-501	U-DMB-501: Marshalling Cabinet	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533509	U-DMB-502	U-DMB-502: Marshalling Cabinet	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533510	U-PDB-01	U-PDB-01: Power Cabinet	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533535	U-PDB-501	U-PDB-501: Power Cabinet	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533536	U-PDB-502	U-PDB-502: Power Cabinet	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533538	U-SVR-501	U-SVR-501: Server Cabinet	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533539	U-SVR-502	U-SVR-502: Server Cabinet	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533542	111-LCC-101B	111-LCC-101B: Marshalling Rack	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533543	111-LCC-101C	111-LCC-101C: Marshalling Rack	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533544	111-LCC-101D	111-LCC-101D: Marshalling Rack	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533545	111-LCC-101E	111-LCC-101E: System Rack-BLR1	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533546	111-LCC-101F	111-LCC-101F: System Rack-BLR1	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533548	111-LCC-201B	111-LCC-201B: Marshalling Rack	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533549	111-LCC-201C	111-LCC-201C: Marshalling Rack	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533550	111-LCC-201D	111-LCC-201D: Marshalling Rack	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533551	111-LCC-201E	111-LCC-201E: System Rack -BLR2	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533552	111-LCC-201F	111-LCC-201F: System Rack-BLR2	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533554	111-LCC-301B	111-LCC-301B: Marshalling Rack	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533555	111-LCC-301C	111-LCC-301C: Marshalling Rack	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533556	111-LCC-301D	111-LCC-301D: Marshalling Rack	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533557	111-LCC-301E	111-LCC-301E: System Rack-BLR3	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533558	111-LCC-301F	111-LCC-301F: System Rack-BLR3	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533560	111-LCC-401B	111-LCC-401B: Marshalling Rack	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533561	111-LCC-401C	111-LCC-401C: Marshalling Rack	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533562	111-LCC-401D	111-LCC-401D: Marshalling Rack	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533563	111-LCC-401E	111-LCC-401E: System Rack-BLR4	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533564	111-LCC-401F	111-LCC-401F: System Rack-BLR4	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533566	111-LCC-901B	111-LCC-901B: Marshalling Rack	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533567	111-LCC-901C	111-LCC-901C: Marshalling Rack	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533568	111-LCC-901D	111-LCC-901D: Syst.Rack-BLR COMMON	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533569	111-LCC-901E	111-LCC-901E: Syst.Rack-BLR COMMON	C	INST-05	Power cabinets	BOILER # 01 AREA-111	Steam Area	Zone 5
	330533571	U-EMB-501	U-EMB-501: Marshalling Cabinet	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533589	A-ESD-101	A-ESD-101: Power Cabinet	B	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533592	A-ESD-104	A-ESD-104: Marshalling Cabinet	A	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533593	A-ESD-105	A-ESD-105: Marshalling Cabinet	A	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533594	P-PDB-502	P-PDB-502: Power Cabinet	A	INST-05	Power cabinets	PIPING SYSTEM		Zone 5
	330533595	P-ESD-101	P-ESD-101: Power Cabinet	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533597	P-ESD-103	P-ESD-103: Marshalling Cabinet	A	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533603	U-F&G-MB-01	U-F&G-MB-01: Marshalling Rack	A	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533604	U-F&G-MB-02	U-F&G-MB-02: Marshalling Rack	A	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533617	P-PDB-503	P-PDB-503: Power Cabinet	B	INST-05	Power cabinets	PIPING SYSTEM		Zone 5
	330533618	P-F&G-01	P-F&G-01: Power Cabinet	A	INST-05	Power cabinets	PIPING SYSTEM		Zone 5
	330533620	P-FMB-01	P-FMB-01: Marshalling Cabinet	A	INST-03	Power cabinets	PIPING SYSTEM		Zone 5
	330533632	TF2-DCS-2201	TF2-DCS-2201: System Cabinet	B	INST-05	Power cabinets	PIPING SYSTEM		Zone 5
	330533633	TF2-DMC-2201	TF2-DMC-2201: Marshalling Cabinet	B	INST-05	Power cabinets	PIPING SYSTEM		Zone 5
	330533635	TF2-EMC-2201	TF2-EMC-2201: Marshalling Cabinet	B	INST-05	Power cabinets	PIPING SYSTEM		Zone 5
	330533637	TF2-PDB-2201	TF2-PDB-2201: Power Cabinet	B	INST-05	Power cabinets	PIPING SYSTEM		Zone 5
	330533638	TF2-PDB-2202	TF2-PDB-2202: Power Cabinet	B	INST-05	Power cabinets	PIPING SYSTEM		Zone 5
	330533643	112-DMB-501	112-DMB-501: Marshalling Rack	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120	Deaminraize Area	Zone 5
	330533644	112-DMB-502	112-DMB-502: Marshalling Rack	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120	Deaminraize Area	Zone 5
	330533647	U-OPS-104	U-OPS-104: Dual Screen HIS (DCS Operatio	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533648	100-OPS-001	100-OPS-001: Dual Screen HIS (DCS Operat	C	INST-05	Power cabinets	PIPING SYSTEM	Acetic Acid Plant	Zone 5
	330533649	100-OPS-002	100-OPS-002: Dual Screen HIS (DCS Operat	C	INST-05	Power cabinets	PIPING SYSTEM	Acetic Acid Plant	Zone 5
	330533650	100-SUP-001	100-SUP-001: Single Screen HIS (DCS Supe	C	INST-05	Power cabinets	PIPING SYSTEM	Acetic Acid Plant	Zone 5
	330533651	DCS-EWS-101	DCS-EWS-101: Single Screen ENG Workstati	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533652	DCS-EWS-102	DCS-EWS-102: Single Screen ENG Workstati	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533653	U-PRM-101	U-PRM-101: PRM (24" LCD Monitor)	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533655	P-PRM-101	P-PRM-101: PRM (24" LCD Monitor)	C	INST-03	Power cabinets	PIPING SYSTEM		Zone 5
	330533656	100-PRM-101	100-PRM-101: PRM (24" LCD Monitor)	C	INST-05	Power cabinets	PIPING SYSTEM	Acetic Acid Plant	Zone 5
	330533658	A-APC-101	A-APC-101: ExaSMOC/APC (19" LCD Monitor)	B	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533659	P-APC-101	P-APC-101: ExaSMOC/APC (19" LCD Monitor)	D	INST-03	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533660	SIS-EWS-101	SIS-EWS-101: Single Screen ENG Workstati	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533661	FGS-EWS-101	FGS-EWS-101: Single Screen ENG Workstati	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533662	U-OPS-103	U-OPS-103: Desktop PC for HIS	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533663	FGS-OPS-101	FGS-OPS-101: Desktop PC for HIS	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533666	U-SOE-101	U-SOE-101: SOE	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533668	P-SOE-101	P-SOE-101: SOE	D	INST-03	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533669	SIS-SOE-101	SIS-SOE-101: SOE	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533670	100-SOE-101	100-SOE-101: SOE	C	INST-05	Power cabinets	PIPING SYSTEM	Acetic Acid Plant	Zone 5
	330533672	U-SOE-201	U-SOE-201: SOE	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533674	P-SOE-201	P-SOE-201: SOE	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533676	U-CHC-101	U-CHC-101: Color Laser Printer(Heavy Dut	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533677	U-CHC-102	U-CHC-102: Color Laser Printer(Heavy Dut	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533678	DCS-PRT-101	DCS-PRT-101: Color Laser Printer	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533679	SIS-PRT-101	SIS-PRT-101: Color Laser Printer	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533680	FGS-PRT-101	FGS-PRT-101: Color Laser Printer	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533681	U-SYS1-501	U-SYS1-501: System1 Server	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533682	100-CHC-101	100-CHC-101: Color Laser Printer(Heavy D	D	INST-05	Power cabinets	PIPING SYSTEM	Acetic Acid Plant	Zone 5
	330533683	100-CHC-102	100-CHC-102: Color Laser Printer(Heavy D	D	INST-05	Power cabinets	PIPING SYSTEM	Acetic Acid Plant	Zone 5
	330533688	U-SOE-202	U-SOE-202: SOE	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533689	U-OPC-101	U-OPC-101: ExaOPC Workstations	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533690	U-OPC-102	U-OPC-102: ExaOPC Workstations	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533693	U-MDP-101	U-MDP-101: MD-PRO Server	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533694	LAPTOP-01	LAPTOP-01: LAPTOP	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533695	LAPTOP-02	LAPTOP-02: LAPTOP	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533696	LAPTOP-03	LAPTOP-03: LAPTOP	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533697	LAPTOP-04	LAPTOP-04: LAPTOP	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533698	LAPTOP-05	LAPTOP-05: LAPTOP	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533699	LAPTOP-06	LAPTOP-06: LAPTOP	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533700	LAPTOP-07	LAPTOP-07: LAPTOP (for PTA Project)	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533701	MSC-IR2-A	MSC-IR2-A: Metering Skid PC	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533702	MSC-IR2-B	MSC-IR2-B: Metering Skid PC	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533703	PRN-1	PRN-1: Metering Skid Printer	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533704	PRN-2	PRN-2: Metering Skid Printer	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533708	17PANI21	17PANI21 : PLC Cabinet	C	INST-05	Power cabinets	PIPING SYSTEM		Zone 5
	330533711	100-CC-001	100-CC-001: AUX. Console	C	INST-05	Power cabinets	PIPING SYSTEM	Acetic Acid Plant	Zone 5
	330533712	U-DUC-101	U-DUC-101: AUX. Console	B	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533713	U-DUC-102	U-DUC-102: AUX. Console	B	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533714	U-DUC-103	U-DUC-103: AUX. Console	B	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533715	U-F&G-CC-01	U-F&G-CC-01: AUX. Console	A	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533716	U-F&G-CC-02	U-F&G-CC-02: AUX. Console	A	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533717	A-DUC-101	A-DUC-101: AUX. Console	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533718	A-DUC-102	A-DUC-102: AUX. Console	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533719	A-DUC-103	A-DUC-103: AUX. Console	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533720	A-DUC-203	A-DUC-203: AUX. Console	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533721	A-DUC-204	A-DUC-204: AUX. Console	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533722	A-DUC-205	A-DUC-205: AUX. Console	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533723	A-DUC-301	A-DUC-301: AUX. Console	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533724	A-DUC-302	A-DUC-302: AUX. Console	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533725	A-DUC-303	A-DUC-303: AUX. Console	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533726	A-DUC-206	A-DUC-206: AUX. Console	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533727	P-DUC-102	P-DUC-102: AUX. Console	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533728	P-DUC-103	P-DUC-103: AUX. Console	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533729	A-DUC-201	A-DUC-201: Corner Console	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533730	A-DUC-202	A-DUC-202: Corner Console	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533731	A-DUC-304	A-DUC-304: Corner Console	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533732	A-DUC-305	A-DUC-305: Corner Console	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533733	U-DUC-104	U-DUC-104: 3rd Party Equipment Console	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330533734	P-DUC-105	P-DUC-105: 3rd Party Equipment Console	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330536989	U-F&G-03	U-F&G-03:System Rack	A	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330536990	U-F&G-04	U-F&G-04:System Rack	A	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330536991	U-F&G-05	U-F&G-05:System Rack	A	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330536992	U-F&G-06	U-F&G-06:Marshalling Rack	A	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330537003	P-OPS-101	P-OPS-101:Dual Screen HIS (DCS Operation	B	INST-03	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330537004	P-OPS-102	P-OPS-102:Dual Screen HIS (DCS Operation	B	INST-03	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330537005	P-OPS-103	P-OPS-103:Dual Screen HIS (DCS Operation	B	INST-03	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330537006	P-OPS-104	P-OPS-104:Dual Screen HIS (DCS Operation	B	INST-03	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330537007	U-SUP-101	U-SUP-101:Single Screen HIS (DCS Supervi	C	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330537009	P-SUP-101	P-SUP-101:Single Screen HIS (DCS Supervi	B	INST-03	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330537010	U-OPS-201	U-OPS-201:Single Screen HIS (DCS Operati	D	INST-05	Power cabinets	OPERATOR SHELTER		Zone 5
	330537015	A-PRT-101	A-PRT-101:Color Laser Printer	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330537016	A-PRT-102	A-PRT-102:Color Laser Printer	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330537017	P-PRT-101	P-PRT-101:Color Laser Printer	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330537018	P-PRT-102	P-PRT-102:Color Laser Printer	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330537024	109-LCC-101	109-LCC-101:PLC Cabinet	D	INST-05	Power cabinets	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330537025	P-DUC-101	P-DUC-101:AUX. Console	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330537026	P-DUC-104	P-DUC-104:AUX. Console	D	INST-05	Power cabinets	LOCAL CONTROL ROOM AREA-120		Zone 5
	330614847	134-AJB-01	134-AJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614848	134-AJB-03	134-AJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614849	134-AJB-04	134-AJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614850	134-AJB-05	134-AJB-05:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614851	134-AJB-11	134-AJB-11:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614852	134-AJB-12	134-AJB-12:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614853	124-DJB-03	124-DJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614854	134-DJB-12	134-DJB-12:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614855	134-AJB-02	134-AJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614856	134-DJB-11	134-DJB-11:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614857	134-DJB-01	134-DJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614858	134-DJB-02	134-DJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614859	101-DIJB-02	101-DIJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Tankage Area	Zone 5
	330614860	103-AIJB-02	103-AIJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Tankage Area	Zone 5
	330614861	103-DIJB-01	103-DIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Tankage Area	Zone 5
	330614862	107-DIJB-01	107-DIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614863	112-AIJB-01	112-AIJB-01:Field Junction Box	D	INST-05	Power cabinets	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330614864	112-DIJB-01	112-DIJB-01:Field Junction Box	D	INST-05	Power cabinets	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330614865	117-AIJB-01	117-AIJB-01:Field Junction Box	D	INST-05	Power cabinets	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	330614866	130-AIJB-01	130-AIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614867	130-DIJB-01	130-DIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614868	132-AIJB-01	132-AIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614869	49-AIJIB-01	49-AIJIB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614870	125-FJB-01	125-FJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614871	116-AJB-01	116-AJB-01:Field Junction Box	D	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330614872	116-AJB-02	116-AJB-02:Field Junction Box	D	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330614873	116-CJB-01	116-CJB-01:Field Junction Box	D	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330614874	116-CJB-02	116-CJB-02:Field Junction Box	D	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330614875	116-CJB-04	116-CJB-04:Field Junction Box	D	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330614876	116-DJB-01	116-DJB-01:Field Junction Box	D	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330614877	116-DJB-2	116-DJB-2:Field Junction Box	D	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330614878	116-DJB-03	116-DJB-03:Field Junction Box	D	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330614879	116-DJB-04	116-DJB-04:Field Junction Box	D	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330614880	116-DJB-05	116-DJB-05:Field Junction Box	D	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330614881	116-DJB-06	116-DJB-06:Field Junction Box	D	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330614882	116-DJB-07	116-DJB-07:Field Junction Box	D	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330614883	125-AJB-03	125-AJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614884	41-CJB-03	41-CJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614885	107-AIJB-01	107-AIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614886	113-AIJB-01	113-AIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Process Water Area	Zone 5
	330614887	130-AIJB-02	130-AIJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614888	130-DIJB-02	130-DIJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614889	41-AIJB-01	41-AIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614890	41-AIJB-02	41-AIJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614891	41-AIJB-03	41-AIJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614892	49-AIJB-03	49-AIJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614893	49-AIJB-04	49-AIJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614894	101-CJB-01	101-CJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Tankage Area	Zone 5
	330614895	116-AJB-03	116-AJB-03:Field Junction Box	D	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330614896	116-CJB-03	116-CJB-03:Field Junction Box	D	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330614897	125-AJB-01	125-AJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614898	125-AJB-02	125-AJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614899	125-CJB-01	125-CJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614900	130-CJB-01	130-CJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614901	130-CJB-02	130-CJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614902	180-GJB-01	180-GJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614903	180-GJB-02	180-GJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614904	180-GJB-03	180-GJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614905	41-CJB-01	41-CJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614906	113-CJB-01	113-CJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Process Water Area	Zone 5
	330614907	180-GJB-04	180-GJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614908	180-GJB-05	180-GJB-05:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614909	136-AJB-01	136-AJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614910	136-DJB-01	136-DJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614911	125-AJB-04	125-AJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614912	125-DJB-01	125-DJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614913	125-GJB-02	125-GJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614914	125-GJB-03	125-GJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614915	125-GJB-04	125-GJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614916	125-GJB-05	125-GJB-05:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614917	41-DJB-01	41-DJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614918	125-CJB-11	125-CJB-11:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614919	107-CJB-11	107-CJB-11:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614920	125-DJB-02	125-DJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614921	125-DJB-03	125-DJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614922	116-DJ-08	116-DJ-08:Field Junction Box	D	INST-05	Power cabinets	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330614923	120-IJB-100	120-IJB-100:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330614924	120-IJB-102	120-IJB-102:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330614925	120-IJB-103	120-IJB-103:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330614926	120-IJB-121	120-IJB-121:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330614927	120-IJB-105	120-IJB-105:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330614928	120-IJB-113	120-IJB-113:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330614929	120-IJB-114	120-IJB-114:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330614930	120-IJB-115	120-IJB-115:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330614931	120-IJB-104	120-IJB-104:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330614932	120-IJB-111	120-IJB-111:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330614933	120-IJB-130	120-IJB-130:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330614934	120-IJB-101(I.S)	120-IJB-101(I.S):Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330614935	120-IJB-112(I.S)	120-IJB-112(I.S):Field Junction Box	D	INST-05	Power cabinets	DEMINERALIZATION PLANT AREA-112		Zone 5
	330614936	120-IJB-131	120-IJB-131:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330614937	112-AJB-101	112-AJB-101:Field Junction Box	D	INST-05	Power cabinets	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330614938	112-AJB-102	112-AJB-102:Field Junction Box	D	INST-05	Power cabinets	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330614939	112-AJB-103	112-AJB-103:Field Junction Box	D	INST-05	Power cabinets	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330614940	112-AJB-104	112-AJB-104:Field Junction Box	D	INST-05	Power cabinets	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330614941	112-CJB-121	112-CJB-121:Field Junction Box	D	INST-05	Power cabinets	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330614942	112-CJB-122	112-CJB-122:Field Junction Box	D	INST-05	Power cabinets	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330614943	112-CJB-123	112-CJB-123:Field Junction Box	D	INST-05	Power cabinets	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330614944	112-CJB-124	112-CJB-124:Field Junction Box	D	INST-05	Power cabinets	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330614945	112-DJB-111	112-DJB-111:Field Junction Box	D	INST-05	Power cabinets	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330614946	112-DJB-112	112-DJB-112:Field Junction Box	D	INST-05	Power cabinets	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330614947	112-DJB-113	112-DJB-113:Field Junction Box	D	INST-05	Power cabinets	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330614948	112-DJB-114	112-DJB-114:Field Junction Box	D	INST-05	Power cabinets	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330614949	1-AIJB-01	1-AIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614950	1-AIJB-02	1-AIJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614951	1-AIJB-03	1-AIJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614952	1-AIJB-04	1-AIJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614953	1-AIJB-05	1-AIJB-05:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614954	2-AIJB-01	2-AIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614955	3-AIJB-01	3-AIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614956	3-AIJB-02	3-AIJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614957	3-AIJB-03	3-AIJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614958	3-AIJB-04	3-AIJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614959	4-AIJB-01	4-AIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614960	4-AIJB-02	4-AIJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614961	6-AIJB-01	6-AIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614962	6-AIJB-01A	6-AIJB-01A:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614963	6-AIJB-02A	6-AIJB-02A:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614964	6-AIJB-04	6-AIJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614965	6-AIJB-05	6-AIJB-05:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614966	3-AJB-01	3-AJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614967	3-AJB-02	3-AJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614968	3-AJB-03	3-AJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614969	3-AJB-04	3-AJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330614970	3-AJB-05	3-AJB-05:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614971	3-AJB-06	3-AJB-06:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614972	3-AJB-07	3-AJB-07:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614973	3-AJB-08	3-AJB-08:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614974	3-AJB-09	3-AJB-09:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614975	3-AJB-10	3-AJB-10:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614976	3-AJB-11	3-AJB-11:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614977	3-AJB-12	3-AJB-12:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614978	3-AJB-13	3-AJB-13:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614979	3-AJB-14	3-AJB-14:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614980	4-AJB-01	4-AJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614981	4-AJB-02	4-AJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614982	4-AJB-03	4-AJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614983	6-AJB-03	6-AJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614984	6-ALPJB-003	6-ALPJB-003:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614985	1-DIJB-01	1-DIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614986	1-DIJB-02	1-DIJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614987	4-DIJB-01	4-DIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614988	1-DIJB-04	1-DIJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614989	1-DIJB-05	1-DIJB-05:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614990	1-DIJB-06	1-DIJB-06:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614991	2-DIJB-01	2-DIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614992	2-DIJB-02	2-DIJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614993	3-DIJB-01	3-DIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614994	3-DIJB-02	3-DIJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614995	3-DIJB-03	3-DIJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614996	3-DIJB-04	3-DIJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614997	3-DIJB-05	3-DIJB-05:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614998	6-DIJB-01	6-DIJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330614999	6-DIJB-02	6-DIJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615000	6-DIJB-03	6-DIJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615001	6-DIJB-04	6-DIJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615002	6-DIJB-05	6-DIJB-05:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615003	6-DIJB-06	6-DIJB-06:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615004	6-DIJB-06A	6-DIJB-06A:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615005	3-DJB-01	3-DJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615006	3-DJB-02	3-DJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615007	3-DJB-03	3-DJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615008	3-DJB-04	3-DJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615009	3-DJB-05	3-DJB-05:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615010	3-DJB-06	3-DJB-06:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615011	3-DJB-07	3-DJB-07:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615012	3-DJB-08	3-DJB-08:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615013	3-DJB-09	3-DJB-09:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615014	3-DJB-10	3-DJB-10:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615015	3-DJB-11	3-DJB-11:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615016	6-DIJB-03A	6-DIJB-03A:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615017	6-DIJB-02A	6-DIJB-02A:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615018	6-DIJB-04A	6-DIJB-04A:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615019	6-DIJB-01A	6-DIJB-01A:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615020	6-DLP-03JB	6-DLP-03JB:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615021	6-DLPJB-04	6-DLPJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615022	4-DJB-01	4-DJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615023	4-DJB-02	4-DJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615024	4-DJB-03	4-DJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615025	4-DJB-04	4-DJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615026	4-DJB-05	4-DJB-05:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615027	6-DJB-04	6-DJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615028	1-GJB-01	1-GJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615029	1-GJB-02	1-GJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615030	1-GJB-03	1-GJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615031	1-GJB-04	1-GJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615032	1-GJB-05	1-GJB-05:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615033	3-GJB-01	3-GJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615034	3-GJB-02	3-GJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615035	3-GJB-03	3-GJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615036	5-GJB-01	5-GJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615037	6-GJB-01	6-GJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615038	6-GJB-02	6-GJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615039	6-GJB-02A	6-GJB-02A:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615040	1-CJB-01	1-CJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615041	1-CJB-02	1-CJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615042	4-CJB-04	4-CJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615043	1-CJB-04	1-CJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615044	1-CJB-05	1-CJB-05:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615045	1-CJB-06	1-CJB-06:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615046	3-CJB-01	3-CJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615047	3-CJB-02	3-CJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615048	3-CJB-03	3-CJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615049	3-CJB-04	3-CJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615050	3-CJB-05	3-CJB-05:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615051	3-CJB-06	3-CJB-06:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615052	4-CJB-01	4-CJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615053	4-CJB-02	4-CJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615054	4-CJB-03	4-CJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615055	6-CJB-01	6-CJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615056	6-CJB-01A	6-CJB-01A:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615057	6-CJB-01B	6-CJB-01B:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615058	6-CJB-02	6-CJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615059	6-CJB-02A	6-CJB-02A:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615060	6-CJB-02B	6-CJB-02B:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615061	6-CJB-03	6-CJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615062	6-CJB-03A	6-CJB-03A:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615063	1-FJB-01	1-FJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615064	1-FJB-02	1-FJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615065	1-FJB-03	1-FJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615066	1-FJB-04	1-FJB-04:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615067	1-FJB-05	1-FJB-05:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615068	1-FJB-06	1-FJB-06:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615069	1-FJB-07	1-FJB-07:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615070	1-FJB-08	1-FJB-08:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615071	1-FJB-09A	1-FJB-09A:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615072	1-FJB-09B	1-FJB-09B:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615073	1-FJB-010	1-FJB-010:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615074	1-FJB-011	1-FJB-011:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615075	1-FJB-012	1-FJB-012:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615076	1-FJB-013	1-FJB-013:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615077	1-FJB-014	1-FJB-014:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615078	1-LJB-01	1-LJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615079	1-LJB-01A	1-LJB-01A:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615080	101-LJB-01	101-LJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Tankage Area	Zone 5
	330615081	103-LJB-01	103-LJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Tankage Area	Zone 5
	330615082	103-LJB-02	103-LJB-02:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Tankage Area	Zone 5
	330615083	103-LJB-03	103-LJB-03:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Tankage Area	Zone 5
	330615084	6-FJB-01	6-FJB-01:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615085	6-FJB-01A	6-FJB-01A:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615086	4-FJB-10	4-FJB-10:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615087	3-FJB-12	3-FJB-12:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615088	3-FJB-13	3-FJB-13:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615089	3-FJB-14	3-FJB-14:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615090	3-FJB-15	3-FJB-15:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615091	3-FJB-16	3-FJB-16:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615092	3-FJB-17	3-FJB-17:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615093	5-FJB-10	5-FJB-10:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615094	6-FJB-10	6-FJB-10:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615095	3-FJB-18	3-FJB-18:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615096	3-FJB-19	3-FJB-19:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615097	4-FJB-51	4-FJB-51:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615098	1-FJB-51	1-FJB-51:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615099	6-FJB-51	6-FJB-51:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615100	5-FJB-51	5-FJB-51:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615101	6-FJB-51A	6-FJB-51A:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330615102	99-FJB-31	99-FJB-31:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615103	99-FJB-32	99-FJB-32:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615104	111-JBD-100	111-JBD-100:Field Junction Box	D	INST-05	Power cabinets	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330615105	111-JBD-101	111-JBD-101:Field Junction Box	D	INST-05	Power cabinets	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330615106	111-JBD-102	111-JBD-102:Field Junction Box	D	INST-05	Power cabinets	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330615107	111-JBD-103	111-JBD-103:Field Junction Box	D	INST-05	Power cabinets	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330615108	111-JBD-104	111-JBD-104:Field Junction Box	D	INST-05	Power cabinets	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330615109	111-JBD-105	111-JBD-105:Field Junction Box	D	INST-05	Power cabinets	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330615110	111-JBD-106	111-JBD-106:Field Junction Box	D	INST-05	Power cabinets	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330615111	111-JBS-100	111-JBS-100:Field Junction Box	D	INST-05	Power cabinets	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330615112	111-JBS-101	111-JBS-101:Field Junction Box	D	INST-05	Power cabinets	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330615113	111-JBS-102	111-JBS-102:Field Junction Box	D	INST-05	Power cabinets	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330615114	111-JBS-103	111-JBS-103:Field Junction Box	D	INST-05	Power cabinets	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330615115	111-JBS-104	111-JBS-104:Field Junction Box	D	INST-05	Power cabinets	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330615116	111-JBA-100	111-JBA-100:Field Junction Box	D	INST-05	Power cabinets	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330615117	111-JBA-101	111-JBA-101:Field Junction Box	D	INST-05	Power cabinets	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330615118	111-JBD-900	111-JBD-900:Field Junction Box	D	INST-05	Power cabinets	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330615119	111-JBA-900	111-JBA-900:Field Junction Box	D	INST-05	Power cabinets	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330615120	110-LJB CUSTOMER	110-LJB CUSTOMER:Field Junction Box	D	INST-05	Power cabinets	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330615121	110-LJB-1	110-LJB-1:Field Junction Box	D	INST-05	Power cabinets	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330615122	110-LJB-2	110-LJB-2:Field Junction Box	D	INST-05	Power cabinets	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330615123	110-LJB-3	110-LJB-3:Field Junction Box	D	INST-05	Power cabinets	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330615124	110-LJB-4	110-LJB-4:Field Junction Box	D	INST-05	Power cabinets	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330615125	110-LJB-5	110-LJB-5:Field Junction Box	D	INST-05	Power cabinets	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330615126	110-LJB-6	110-LJB-6:Field Junction Box	D	INST-05	Power cabinets	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330615127	110-LJB-7	110-LJB-7:Field Junction Box	D	INST-05	Power cabinets	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330615128	120-IJB-01	120-IJB-01:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615129	120-IJB-02	120-IJB-02:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615130	120-IJB-03	120-IJB-03:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615131	120-IJB-05	120-IJB-05:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615132	120-IJB-06	120-IJB-06:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615133	120-IJB-07	120-IJB-07:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615134	120-IJB-08(IS)	120-IJB-08(IS):Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615135	120-IJB-09	120-IJB-09:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615136	120-IJB-10(IS)	120-IJB-10(IS):Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615137	120-IJB-11	120-IJB-11:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615138	120-IJB-12(IS)	120-IJB-12(IS):Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615139	120-IJB-13(IS)	120-IJB-13(IS):Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615140	120-IJB-15	120-IJB-15:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615141	120-IJB-16	120-IJB-16:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615142	120-IJB-17	120-IJB-17:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615143	120-IJB-18	120-IJB-18:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615144	120-IJB-20	120-IJB-20:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615145	120-IJB-21	120-IJB-21:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615146	120-IJB-22	120-IJB-22:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615147	120-IJB-23	120-IJB-23:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615148	120-IJB-04	120-IJB-04:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615149	120-IJB-14	120-IJB-14:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615150	120-IJB-25	120-IJB-25:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615151	120-IJB-26	120-IJB-26:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615152	120-IJB-27	120-IJB-27:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615153	120-IJB-28	120-IJB-28:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615154	120-IJB-29	120-IJB-29:Field Junction Box	D	INST-05	Power cabinets	ETP PROCESS		Zone 5
	330615155	119-AJB-101	119-AJB-101:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615156	119-AJB-102	119-AJB-102:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615157	119-AJB-103	119-AJB-103:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615158	119-AJB-104	119-AJB-104:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615159	119-AJB-105	119-AJB-105:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615160	119-DJB-101	119-DJB-101:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	330615161	119-DJB-102	119-DJB-102:Field Junction Box	D	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360003522	154-FP-001	154-FP-001:FIRE ALARM CONTROL PANEL	A	INST-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360003529	163-FP-001	163-FP-001:FIRE ALARM CONTROL PANEL	A	INST-05	Power cabinets	MECHANICAL WORK SHOP		Zone 5
	360003530	164-FP-001	164-FP-001:FIRE ALARM CONTROL PANEL	A	INST-05	Power cabinets	OPERATOR SHELTER		Zone 5
	360006209	2124-MAC-001A	2124-MAC-001A:MANUAL ALARM CALL POINT	A	INST-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006210	2124-MAC-001B	2124-MAC-001B:MANUAL ALARM CALL POINT	A	INST-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006211	2124-MAC-001C	2124-MAC-001C:MANUAL ALARM CALL POINT	A	INST-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006212	2124-MAC-001D	2124-MAC-001D:MANUAL ALARM CALL POINT	A	INST-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006214	2125-MAC-001A	2125-MAC-001A:MANUAL ALARM CALL POINT	A	INST-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006241	2126-MAC-001A	2126-MAC-001A:MANUAL ALARM CALL POINT	A	INST-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006242	2126-MAC-001B	2126-MAC-001B:MANUAL ALARM CALL POINT	A	INST-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006307	2127-MAC-001A	2127-MAC-001A:MANUAL ALARM CALL POINT	A	INST-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006308	2127-MAC-001B	2127-MAC-001B:MANUAL ALARM CALL POINT	A	INST-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006309	2127-MAC-001C	2127-MAC-001C:MANUAL ALARM CALL POINT	A	INST-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006310	2127-MAC-001D	2127-MAC-001D:MANUAL ALARM CALL POINT	A	INST-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360006442	2204-1-MAC-001A	2204-1-MAC-001A:MANUAL ALARM CALL POINT	A	INST-05	Power cabinets	MECHANICAL WORK SHOP		Zone 5
	360006501	2201-MAC-001A	2201-MAC-001A:MANUAL ALARM CALL POINT	A	INST-05	Power cabinets	OPERATOR SHELTER		Zone 5
	360006502	2201-MAC-001B	2201-MAC-001B:MANUAL ALARM CALL POINT	A	INST-05	Power cabinets	OPERATOR SHELTER		Zone 5
	360016664	000-EST-001	000-EST-001:ELECTRICAL SAFETY TOOLS UTY2	D	ELEC-05	Power cabinets	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	360019304	2123-MAC-001A	2123-MAC-001A: MAC	A	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019703	2123-A	2123-A:MAC	A	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019704	2124-A	2124-A:MAC	A	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019705	2124-B	2124-B:MAC	A	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019706	2126-A	2126-A:MAC	A	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019707	2126-B	2126-B:MAC	A	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019708	3115-A	3115-A:MAC	A	INST-05	Power cabinets	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360022391	151-FACP-001	151-FACP-001: Fire Alarm Panel	A	EHSS-01	Power cabinets	PIPING SYSTEM		Zone 5
	360022392	VSB-076-FACP-002	VSB-076-FACP-002: Fire Alarm Panel	A	EHSS-01	Power cabinets	PIPING SYSTEM		Zone 5
	360022393	161-FACP-001	161-FACP-001: Fire Alarm Panel	A	EHSS-01	Power cabinets	PIPING SYSTEM		Zone 5
	360022394	131-FACP-001	VSB-076-FACP-003: Fire Alarm Panel	A	INST-04	Power cabinets	PIPING SYSTEM		Zone 5
	360022395	TF2-FACP-2201	TF2-FACP-2201: Fire Alarm Panel	C	EHSS-01	Power cabinets	PIPING SYSTEM		Zone 5
	360022396	PFA 7210	PFA 7210: Fire Alarm Panel	A	EHSS-01	Power cabinets	PIPING SYSTEM		Zone 5
	360022397	VSB-076-FACP-001	VSB-076-FACP-001: Fire Alarm Panel	A	EHSS-01	Power cabinets	PIPING SYSTEM		Zone 5
PRESSURE DEVICES									
29	310231327	116-PSL-141	116-PSL-141:PRESS. SWITCH L.L., L. OIL	C	INST-05	Pressure Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330189423	000-LSH-013	000-LSH-013:LSH, STRM WTR TRANSFER SUMP	D	INST-05	Pressure Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189426	000-LSH-014	000-LSH-014:LSH, STRM WTR TRANSFER SUMP	D	INST-05	Pressure Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189604	000-PI-007	000-PI-007:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189605	000-PI-008	000-PI-008:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189606	000-PI-009	000-PI-009:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189607	000-PI-028	000-PI-028:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189608	000-PI-029	000-PI-029:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189609	000-PI-030	000-PI-030:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330189610	000-PI-031	000-PI-031:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	330190109	106-PI-001	106-PI-001:PRESSURE INDICATOR	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190110	106-PI-002	106-PI-002:PRESSURE INDICATOR	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190111	106-PI-021	106-PI-021:PRESSURE INDICATOR	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190112	106-PI-022	106-PI-022:PRESSURE INDICATOR	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190113	106-PI-023	106-PI-023:PRESSURE INDICATOR	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190114	106-PSH-019	106-PSH-019:PRESSURE SWITCH HIGH	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190115	106-PSL-006	106-PSL-006:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190116	106-PSL-012	106-PSL-012:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190297	106-PI-004	106-PI-004:PRESSURE INDICATOR	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190298	106-PI-007	106-PI-007:PRESSURE INDICATOR	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190299	106-PI-008	106-PI-008:PRESSURE INDICATOR	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190300	106-PI-010	106-PI-010:PRESSURE INDICATOR	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190301	106-PI-013	106-PI-013:PRESSURE INDICATOR	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190302	106-PI-014	106-PI-014:PRESSURE INDICATOR	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190303	106-PI-015	106-PI-015:PRESSURE INDICATOR	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190304	106-PI-016	106-PI-016:PRESSURE INDICATOR	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190305	106-PI-017	106-PI-017:PRESSURE INDICATOR	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190306	106-PI-018	106-PI-018:PRESSURE INDICATOR	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190307	106-PI-020	106-PI-020:PRESSURE INDICATOR	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190308	106-PT-005	106-PT-005:PRESSURE TRANSMITTER	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190309	106-PT-011	106-PT-011:PRESSURE TRANSMITTER	C	INST-05	Pressure Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190344	107-PT-015A	107-PT-015A:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	FUEL GAS SYSTEM AREA-107		Zone 5
	330190345	107-PT-015B	107-PT-015B:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	FUEL GAS SYSTEM AREA-107		Zone 5
	330190346	107-PT-015C	107-PT-015C:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	FUEL GAS SYSTEM AREA-107		Zone 5
	330190367	108-PDI-003	108-PDI-003:PRESSURE DIFFERENTIAL INDICA	D	INST-05	Pressure Device	DIESEL SYSTEM AREA-108		Zone 5
	330190368	108-PI-001	108-PI-001:PRESSURE INDICATOR	D	INST-05	Pressure Device	DIESEL SYSTEM AREA-108		Zone 5
	330190369	108-PI-002	108-PI-002:PRESSURE INDICATOR	D	INST-05	Pressure Device	DIESEL SYSTEM AREA-108		Zone 5
	330190374	109-ASH-101	109-ASH-101:ANALYZER SWITCH HIGH	B	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330190375	109-ASH-102	109-ASH-102:ANALYZER SWITCH HIGH	B	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190376	109-ASH-103	109-ASH-103:ANALYZER SWITCH HIGH	B	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190377	109-ASHH-101	109-ASHH-101:ANALYZER SWITCH HIGH HIGH	B	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190378	109-ASHH-102	109-ASHH-102:ANALYZER SWITCH HIGH HIGH	B	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190379	109-ASHH-103	109-ASHH-103:ANALYZER SWITCH HIGH HIGH	B	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190502	109-PDI-544	109-PDI-544:PRESSURE DIFFERENTIAL INDICA	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190503	109-PDI-572	109-PDI-572:PRESSURE DIFFERENTIAL INDICA	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190504	109-PDI-951-1	109-PDI-951-1:PRESSURE DIFFERENTIAL INDI	B	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190505	109-PDI-951-2	109-PDI-951-2:PRESSURE DIFFERENTIAL INDI	B	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190506	109-PDSH-204	109-PDSH-204:PRESSURE DIFFERENTIAL SWITC	B	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190507	109-PDSLL-269	109-PDSLL-269:PRESSURE DIFFERENTIAL SWIT	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190508	109-PDT-572	109-PDT-572:PRESSURE DIFFERENTIAL TRANSM	B	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190509	109-PI-002	109-PI-002:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190510	109-PI-004	109-PI-004:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190511	109-PI-201	109-PI-201:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190512	109-PI-202	109-PI-202:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190513	109-PI-267	109-PI-267:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190514	109-PI-270	109-PI-270:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190515	109-PI-274	109-PI-274:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190516	109-PI-28	109-PI-28:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190517	109-PI-315A	109-PI-315A:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190518	109-PI-315B	109-PI-315B:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190519	109-PI-315C	109-PI-315C:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190520	109-PI-528	109-PI-528:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190521	109-PI-534	109-PI-534:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190522	109-PI-543	109-PI-543:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190523	109-PI-546	109-PI-546:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190524	109-PI-577	109-PI-577:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190525	109-PI-59	109-PI-59:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190526	109-PI-608-1	109-PI-608-1:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190527	109-PI-608-2	109-PI-608-2:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190528	109-PI-608-3	109-PI-608-3:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190529	109-PI-91	109-PI-91:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190530	109-PI-933	109-PI-933:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190531	109-PI-934	109-PI-934:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190532	109-PI-938	109-PI-938:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190533	109-PI-94	109-PI-94:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190534	109-PI-946	109-PI-946:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190535	109-PI-947	109-PI-947:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190536	109-PI-95	109-PI-95:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190537	109-PI-971	109-PI-971:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190538	109-PI-972	109-PI-972:PRESSURE INDICATOR	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190539	109-PIC-180	109-PIC-180:PRESSURE INDICATOR CONTROLLE	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190540	109-PIC-311	109-PIC-311:PRESSURE INDICATOR CONTROLLE	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190541	109-PSH-205	109-PSH-205:PRESSURE SWITCH HIGH	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190542	109-PSHH-268	109-PSHH-268:PRESSURE SWITCH HIGH HIGH	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190543	109-PSL-273	109-PSL-273:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190544	109-PSL-938	109-PSL-938:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190545	109-PSL-946	109-PSL-946:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190546	109-PSLL-275	109-PSLL-275:PRESSURE SWITCH LOW LOW	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190547	109-PSLL-946	109-PSLL-946:PRESSURE SWITCH LOW LOW	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190548	109-PT-001	109-PT-001:PRESSURE TRANSMITTER, H. P. N	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190549	109-PT-003	109-PT-003:PRESSURE TRANSMITTER, L. P. N	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190550	109-PT-190	109-PT-190:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190551	109-PT-506	109-PT-506:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190552	109-PT-543	109-PT-543:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190553	109-PT-544	109-PT-544:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190554	109-PT-545	109-PT-545:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190555	109-PT-570	109-PT-570:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190556	109-PT-571	109-PT-571:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190557	109-PT-645-1	109-PT-645-1:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190558	109-PT-645-2	109-PT-645-2:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190559	109-PT-645-3	109-PT-645-3:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190560	109-PT-925	109-PT-925:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190668	109-TY-182	109-TY-182:I/P CONVERTER	C	INST-05	Pressure Device	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330191161	110-PDS-208	110-PDS-208:PRESSURE DIFFERENTIAL SWITCH	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191162	110-PDSH-112	110-PDSH-112:PRESSURE DIFFERENTIAL SWITC	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191163	110-PDSH-125	110-PDSH-125:PRESSURE DIFFERENTIAL SWITC	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191164	110-PDSH-212	110-PDSH-212:PRESSURE DIFFERENTIAL SWITC	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191165	110-PDSH-225	110-PDSH-225:PRESSURE DIFFERENTIAL SWITC	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191166	110-PI-004	110-PI-004:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191167	110-PI-005	110-PI-005:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191168	110-PI-007	110-PI-007:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191169	110-PI-008	110-PI-008:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191170	110-PI-033	110-PI-033:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330191171	110-PI-102	110-PI-102:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191172	110-PI-204	110-PI-204:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191173	110-PI-205	110-PI-205:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191174	110-PI-209	110-PI-209:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191175	110-PI-221	110-PI-221:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191176	110-PI-222	110-PI-222:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191177	110-PI-242	110-PI-242:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191178	110-PI-243	110-PI-243:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191179	110-PI-244	110-PI-244:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191180	110-PI-245	110-PI-245:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191181	110-PI-401	110-PI-401:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191182	110-PI-402	110-PI-402:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191183	110-PSLL-107	110-PSLL-107:PRESSURE SWITCH LOW LOW	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191184	110-PSLL-127	110-PSLL-127:PRESSURE SWITCH LOW LOW	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191185	110-PSLL-128	110-PSLL-128:PRESSURE SWITCH LOW LOW	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191186	110-PSLL-130	110-PSLL-130:PRESSURE SWITCH LOW LOW	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191187	110-PSLL-207	110-PSLL-207:PRESSURE SWITCH LOW LOW	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191188	110-PSLL-226	110-PSLL-226: K-002 LL Oil Pressure SW	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191189	110-PSLL-227	110-PSLL-227:K-002 low LL Oil Pressure S	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191190	110-PT-002	110-PT-002:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	STORAGE AREA AREA-109	Compressor Area	Zone 5
	330191191	110-PT-003	110-PT-003:PRESSURE TRANSMITTER, INSTRUM	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191192	110-PT-101	110-PT-101:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191196	110-FY-102	110-FY-102:I/P CONVERTER	B	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191197	110-FY-202	110-FY-202:I/P CONVERTER	B	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191198	110-PDI-113	110-PDI-113:PRESSURE DIFFERENTIAL INDICA	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191199	110-PDI-124	110-PDI-124:PRESSURE DIFFERENTIAL INDICA	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191200	110-PDI-213	110-PDI-213:PRESSURE DIFFERENTIAL INDICA	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191201	110-PDI-224	110-PDI-224:PRESSURE DIFFERENTIAL INDICA	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191202	110-PDI-403	110-PDI-403:PRESSURE DIFFERENTIAL INDICA	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191203	110-PDI-404	110-PDI-404:PRESSURE DIFFERENTIAL INDICA	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191204	110-PDI-405	110-PDI-405:PRESSURE DIFFERENTIAL INDICA	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191205	110-PDI-503	110-PDI-503:PRESSURE DIFFERENTIAL INDICA	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191206	110-PDI-505	110-PDI-505:PRESSURE DIFFERENTIAL INDICA	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191207	110-PDS-108	110-PDS-108:PRESSURE DIFFERENTIAL SWITCH	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191208	110-PI-104	110-PI-104:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191209	110-PI-105	110-PI-105:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191210	110-PI-109	110-PI-109:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191211	110-PI-121	110-PI-121:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191212	110-PI-122	110-PI-122:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191213	110-PI-129	110-PI-129:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191214	110-PI-142	110-PI-142:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191215	110-PI-143	110-PI-143:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191216	110-PI-144	110-PI-144:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191217	110-PI-145	110-PI-145:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191218	110-PI-202	110-PI-202:PRESSURE INDICATOR	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191219	110-PI-404	110-PI-404:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191220	110-PI-501	110-PI-501:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191221	110-PI-502	110-PI-502:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191222	110-PI-504	110-PI-504:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191223	110-PI-601	110-PI-601:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191224	110-PI-602	110-PI-602:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191225	110-PI-603	110-PI-603:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191226	110-PI-604	110-PI-604:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191227	110-PI-606	110-PI-606:PRESSURE INDICATOR	D	INST-05	Pressure Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191228	110-PSL-106	110-PSL-106:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191229	110-PSL-206	110-PSL-206:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191230	110-PT-103	110-PT-103:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330191231	110-PT-111	110-PT-111:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191232	110-PT-128	110-PT-128:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191233	110-PT-201	110-PT-201:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191234	110-PT-203	110-PT-203:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191235	110-PT-211	110-PT-211:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191236	110-PT-228	110-PT-228:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191237	110-PT-611	110-PT-611:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330191262	110-PY-111	110-PY-111:I/P CONVERTER	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191263	110-PY-201	110-PY-201:I/P CONVERTER	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191565	111-AY-123	111-AY-123:ANALYZER I/P CONVERTER	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191566	111-AY-223	111-AY-223:ANALYZER I/P CONVERTER	D	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191567	111-AY-323	111-AY-323:ANALYZER I/P CONVERTER	D	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191568	111-AY-423	111-AY-423:ANALYZER I/P CONVERTER	D	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191824	111-PDI-014	111-PDI-014:PRESSURE DIFFERENTIAL INDICA	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191829	111-PI-001	111-PI-001:PRESSURE INDICATOR	D	INST-05	Pressure Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191830	111-PI-002	111-PI-002:PRESSURE INDICATOR	D	INST-05	Pressure Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191831	111-PI-003	111-PI-003:PRESSURE INDICATOR	D	INST-05	Pressure Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191832	111-PI-007	111-PI-007:PRESSURE INDICATOR	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191833	111-PI-009	111-PI-009:PRESSURE INDICATOR	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330191834	111-PI-012	111-PI-012:PRESSURE INDICATOR	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330191836	111-PI-043	111-PI-043:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191837	111-PI-044	111-PI-044:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191838	111-PI-045	111-PI-045:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191839	111-PI-047	111-PI-047:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191840	111-PI-048	111-PI-048:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191841	111-PI-049	111-PI-049:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191842	111-PI-060	111-PI-060:PRESSURE INDICATOR	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191843	111-PI-061	111-PI-061:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191844	111-PI-062	111-PI-062:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191845	111-PI-063	111-PI-063:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191846	111-PI-102C	111-PI-102C:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191847	111-PI-912	111-PI-912:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191850	111-PI-913	111-PI-913:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191852	111-PI-920	111-PI-920:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191853	111-PI-921	111-PI-921:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191855	111-PI-931	111-PI-931:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191857	111-PI-932	111-PI-932:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191859	111-PI-936	111-PI-936:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191860	111-PI-937	111-PI-937:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191861	111-PI-941	111-PI-941:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191862	111-PI-942	111-PI-942:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191863	111-PI-943	111-PI-943:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191864	111-PIC-901	111-PIC-901:PRESSURE INDICATOR CONTROLLE	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191865	111-PIC-902	111-PIC-902:PRESSURE INDICATOR CONTROLLE	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191866	111-PIC-911	111-PIC-911:PRESSURE INDICATOR CONTROLLE	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191867	111-PIC-912	111-PIC-912:PRESSURE INDICATOR CONTROLLE	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191868	111-PIT-901	111-PIT-901:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191869	111-PIT-911	111-PIT-911:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191870	111-PSH-064	111-PSH-064:PRESSURE SWITCH HIGH	D	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191871	111-PSH-065	111-PSH-065:PRESSURE SWITCH HIGH	D	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191872	111-PSH-701	111-PSH-701:PRESSURE SWITCH HIGH	D	INST-05	Pressure Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191873	111-PSH-702	111-PSH-702:PRESSURE SWITCH HIGH	D	INST-05	Pressure Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191874	111-PSL-004	111-PSL-004:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191882	111-LY-901	111-LY-901:I/P CONVERTER	C	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191883	111-LY-902	111-LY-902:I/P CONVERTER	C	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191884	111-LY-903	111-LY-903:I/P CONVERTER	C	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191897	111-PI-013	111-PI-013:PRESSURE INDICATOR	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191898	111-PI-017	111-PI-017:PRESSURE INDICATOR	D	INST-05	Pressure Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191899	111-PI-018	111-PI-018:PRESSURE INDICATOR	D	INST-05	Pressure Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191900	111-PI-019	111-PI-019:PRESSURE INDICATOR	D	INST-05	Pressure Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191901	111-PI-024	111-PI-024:PRESSURE INDICATOR	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330191902	111-PI-025	111-PI-025:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191903	111-PI-026	111-PI-026:PRESSURE INDICATOR	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191904	111-PI-027	111-PI-027:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191905	111-PI-033	111-PI-033:PRESSURE INDICATOR	D	INST-05	Pressure Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191906	111-PI-039	111-PI-039:PRESSURE INDICATOR	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191907	111-PI-042	111-PI-042:PRESSURE INDICATOR	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330191908	111-PI-125	111-PI-125:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191909	111-PI-138C	111-PI-138C:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191911	111-PI-701	111-PI-701:PRESSURE INDICATOR	C	INST-05	Pressure Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191912	111-PI-702	111-PI-702:PRESSURE INDICATOR	C	INST-05	Pressure Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191913	111-PI-703	111-PI-703:PRESSURE INDICATOR	C	INST-05	Pressure Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191914	111-PI-704	111-PI-704:PRESSURE INDICATOR	C	INST-05	Pressure Device	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191915	111-PI-900	111-PI-900:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191916	111-PI-902	111-PI-902:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191917	111-PI-903	111-PI-903:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191918	111-PI-910	111-PI-910:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191919	111-PI-951	111-PI-951:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191920	111-PI-952	111-PI-952:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191921	111-PI-953	111-PI-953:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191922	111-PI-961	111-PI-961:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191923	111-PI-962	111-PI-962:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191924	111-PI-971	111-PI-971:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191925	111-PI-972	111-PI-972:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191926	111-PI-973	111-PI-973:PRESSURE INDICATOR	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191927	111-PI-990	111-PI-990:PRESSURE INDICATOR	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191928	111-PI-991	111-PI-991:PRESSURE INDICATOR	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191929	111-PIC-130C	111-PIC-130C:PRESSURE INDICATOR CONTROLL	D	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191930	111-PSL-035	111-PSL-035:PRESSURE SWITCH LOW	A	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191931	111-PSL-940	111-PSL-940:PRESSURE SWITCH LOW	B	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191932	111-PSL-950	111-PSL-950:PRESSURE SWITCH LOW	B	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191933	111-PSL-960	111-PSL-960:PRESSURE SWITCH LOW	B	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191934	111-PSL-970	111-PSL-970:PRESSURE SWITCH LOW	B	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191945	111-PT-010B	111-PT-010B:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330191946	111-PT-010C	111-PT-010C:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330191947	111-PT-040A	111-PT-040A:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330191948	111-PT-040B	111-PT-040B:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330191949	111-PT-051	111-PT-051:PRESSURE TRANSMITTER	C	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330191950	111-PT-052	111-PT-052:PRESSURE TRANSMITTER	C	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330191951	111-PT-053	111-PT-053:PRESSURE TRANSMITTER	C	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330191952	111-PT-058	111-PT-058:PRESSURE TRANSMITTER	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191953	111-PT-059	111-PT-059:PRESSURE TRANSMITTER	C	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330191967	111-PY-058C	111-PY-058C:I/P CONVERTER	C	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330191968	111-PY-058D	111-PY-058D:I/P CONVERTER	C	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330191969	111-PY-059	111-PY-059:I/P CONVERTER	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191971	111-PY-230	111-PY-230:I/P CONVERTER	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191972	111-PY-330	111-PY-330:I/P CONVERTER	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191973	111-PY-430	111-PY-430:I/P CONVERTER	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192007	111-PT-006A	111-PT-006A:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192008	111-PT-006B	111-PT-006B:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192009	111-PT-006C	111-PT-006C:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192010	111-PT-008A	111-PT-008A:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192011	111-PT-008B	111-PT-008B:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192012	111-PT-008C	111-PT-008C:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192013	111-PT-010A	111-PT-010A:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192027	111-PY-008A	111-PY-008A:I/P CONVERTER	C	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192028	111-PY-008B	111-PY-008B:I/P CONVERTER	C	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192029	111-PY-010A	111-PY-010A:I/P CONVERTER	C	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192030	111-PY-010B	111-PY-010B:I/P CONVERTER	C	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192031	111-PY-040A	111-PY-040A:I/P CONVERTER	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192032	111-PY-040B	111-PY-040B:I/P CONVERTER	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192033	111-PY-051	111-PY-051:I/P CONVERTER	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192034	111-PY-053C	111-PY-053C:I/P CONVERTER	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192035	111-PY-053D	111-PY-053D:I/P CONVERTER	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192036	111-PZT-008A	111-PZT-008A:PRESSURE SWITCH TRANSMITTER	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192037	111-PZT-008B	111-PZT-008B:PRESSURE SWITCH TRANSMITTER	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192038	111-PZT-010A	111-PZT-010A:PRESSURE SWITCH TRANSMITTER	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192039	111-PZT-010B	111-PZT-010B:PRESSURE SWITCH TRANSMITTER	D	INST-05	Pressure Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192187	111-TY-047D	111-TY-047D:I/P CONVERTER	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192188	111-TY-048C	111-TY-048C:I/P CONVERTER	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192189	111-TY-048D	111-TY-048D:I/P CONVERTER	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192190	111-TY-049C	111-TY-049C:I/P CONVERTER	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330192191	111-TY-049D	111-TY-049D:I/P CONVERTER	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192192	111-TY-050C	111-TY-050C:I/P CONVERTER	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192193	111-TY-050D	111-TY-050D:I/P CONVERTER	C	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192194	111-TY-105	111-TY-105:I/P CONVERTER	B	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192195	111-TY-106	111-TY-106:I/P CONVERTER	B	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192196	111-TY-110	111-TY-110:I/P CONVERTER	B	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192197	111-TY-205	111-TY-205:I/P CONVERTER	B	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192273	111-TY-047C	111-TY-047C:I/P CONVERTER	D	INST-05	Pressure Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192276	111-TY-206	111-TY-206:I/P CONVERTER	D	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192278	111-TY-305	111-TY-305:I/P CONVERTER	D	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192279	111-TY-306	111-TY-306:I/P CONVERTER	D	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192281	111-TY-405	111-TY-405:I/P CONVERTER	D	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192283	111-TY-406	111-TY-406:I/P CONVERTER	D	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192284	111-TY-961	111-TY-961:I/P CONVERTER	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192773	112-PI-302	112-PI-302:PRESSURE IND., MIXED BED UNIT	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192774	112-PI-401A	112-PI-401A:PRESSURE INDICATOR, NEUTRALI	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192775	112-PI-401B	112-PI-401B:PRESSURE INDICATOR, INST AIR	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192776	112-PI-402	112-PI-402:PRESSURE INDICATOR, NEUTRALIZ	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192982	112-PDIS-101	112-PDIS-101:P/D INDICATOR SWITCH, MBU 1	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192983	112-PDIS-201	112-PDIS-201:P/D INDICATOR SWITCH, MBU 1	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192984	112-PDIS-301	112-PDIS-301:P/D INDICATOR SWITCH, MBU 1	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192985	112-PI-001	112-PI-001:PRESSURE IND., DM WATER PUMP	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192986	112-PI-002	112-PI-002:PRESSURE IND., DM WATER PUMP	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192987	112-PI-101	112-PI-101:PRESSURE IND., MIXED BED UNIT	C	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192988	112-PI-102	112-PI-102:PRESSURE IND., MIXED BED UNIT	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192989	112-PI-201	112-PI-201:PRESSURE IND., MIXED BED UNIT	C	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192990	112-PI-202	112-PI-202:PRESSURE IND., MIXED BED UNIT	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192991	112-PI-301	112-PI-301:PRESSURE IND., MIXED BED UNIT	C	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192992	112-PSL-003	112-PSL-003:PRESS. SWITCH LOW, DM WATER	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193064	113-PI-001	113-PI-001:PRESSURE IND., PROC WATER PUM	D	INST-05	Pressure Device	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330193065	113-PI-002	113-PI-002:PRESSURE IND., PROC WATER PUM	D	INST-05	Pressure Device	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330193066	113-PI-004	113-PI-004:PRESSURE IND., PROC WATER PUM	D	INST-05	Pressure Device	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330193071	114-PI-001	114-PI-001:PRESSURE IND., POTABLE WATER	D	INST-05	Pressure Device	POTABLE WATER AREA-114	Potable water Area	Zone 5
	330193072	114-PI-002	114-PI-002:PRESSURE IND., POTABLE WATER	D	INST-05	Pressure Device	POTABLE WATER AREA-114	Potable water Area	Zone 5
	330193074	114-PSL-003	114-PSL-003:PRESS. SWITCH LOW, POTABLE W	D	INST-05	Pressure Device	POTABLE WATER AREA-114	Potable water Area	Zone 5
	330193087	115-PI-014	115-PI-014:PRESSURE IND., HP STEAM FROM	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193088	115-PSL-005	115-PSL-005:PRESS. SWITCH LOW, SEA WATER	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193137	115-PI-001	115-PI-001:PRESSURE IND., SEA WATER COOL	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193138	115-PI-002	115-PI-002:PRESSURE IND., SEA WATER COOL	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193139	115-PI-003	115-PI-003:PRESSURE IND., SEA WATER COOL	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193140	115-PI-013	115-PI-013:PRESSURE IND., HP STEAM FROM	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193179	115-PT-004	115-PT-004:PRESSURE TRANSMITTER, SEA WAT	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193243	116-PSL-006	116-PSL-006:PRESSURE SWITCH LOW, C. W. T	B	INST-05	Pressure Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193244	116-PT-007	116-PT-007:PRESSURE XMITTER, COOLING WAT	D	INST-05	Pressure Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330193268	116-PI-003	116-PI-003:PRESSURE IND., COOLING WATER	D	INST-05	Pressure Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330193269	116-PI-004	116-PI-004:PRESSURE IND., COOLING WATER	D	INST-05	Pressure Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330193417	117-PI-003	117-PI-003:PRESS. IND., DISCH OF CHILLED	D	INST-05	Pressure Device	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330193418	117-PI-004	117-PI-004:PRESS. IND., DISCH OF CHILLED	D	INST-05	Pressure Device	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330194214	119-PIT-069	119-PIT-069:PERSS. IND. XMITTER, I. AIR	C	INST-05	Pressure Device	FLARE SYSTEM AREA-119		Zone 5
	330194215	119-PT-001	119-PT-001:PRESSURE TRANSMITTER, HP FLAR	B	INST-05	Pressure Device	FLARE SYSTEM AREA-119		Zone 5
	330194216	119-PT-007	119-PT-007:PRESSURE TRANSMITTER, LP FLAR	C	INST-05	Pressure Device	FLARE SYSTEM AREA-119		Zone 5
	330194218	119-PT-015	119-PT-015:PRESSURE TRANSMITTER, FUEL GA	B	INST-05	Pressure Device	FLARE SYSTEM AREA-119		Zone 5
	330194274	119-PDIT-003	119-PDIT-003:P/D INDICATOR XMITTER, FILT	B	INST-05	Pressure Device	FLARE SYSTEM AREA-119		Zone 5
	330194275	119-PDIT-004	119-PDIT-004:P/D INDICATOR XMITTER, FILT	C	INST-05	Pressure Device	FLARE SYSTEM AREA-119		Zone 5
	330194283	119-PIT-055	119-PIT-055:PRESSURE IND. XMITTER,FUEL G	C	INST-05	Pressure Device	FLARE SYSTEM AREA-119		Zone 5
	330194284	119-PIT-056	119-PIT-056:PRESSURE IND. XMITTER,FUEL G	B	INST-05	Pressure Device	FLARE SYSTEM AREA-119		Zone 5
	330194285	119-PIT-057	119-PIT-057:PRESSURE IND. XMITTER,FUEL G	D	INST-05	Pressure Device	FLARE SYSTEM AREA-119		Zone 5
	330194286	119-PIT-058	119-PIT-058:PRESSURE IND. XMITTER,FUEL G	D	INST-05	Pressure Device	FLARE SYSTEM AREA-119		Zone 5
	330194287	119-PIT-065	119-PIT-065:PERSS. IND. XMITTER, LPG TO	D	INST-05	Pressure Device	FLARE SYSTEM AREA-119		Zone 5
	330200394	120-PI-001	120-PI-001:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200397	120-PI-101	120-PI-101:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200400	120-PI-102	120-PI-102:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200404	120-PI-103	120-PI-103:PRESSURE INDICATOR	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200407	120-PI-104	120-PI-104:PRESSURE INDICATOR	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200411	120-PI-116	120-PI-116:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200414	120-PI-117	120-PI-117:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200417	120-PI-118	120-PI-118:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200420	120-PI-119	120-PI-119:PRESSURE INDICATOR	D	INST-05	Pressure Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200423	120-PI-120	120-PI-120:PRESSURE INDICATOR	D	INST-05	Pressure Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200427	120-PI-125	120-PI-125:PRESSURE INDICATOR	D	INST-05	Pressure Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200430	120-PI-126	120-PI-126:PRESSURE INDICATOR	D	INST-05	Pressure Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200433	120-PI-130	120-PI-130:PRESSURE INDICATOR	D	INST-05	Pressure Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200437	120-PI-131	120-PI-131:PRESSURE INDICATOR	D	INST-05	Pressure Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200440	120-PI-132	120-PI-132:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200443	120-PI-135	120-PI-135:PRESSURE INDICATOR	D	INST-05	Pressure Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200446	120-PI-147	120-PI-147:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200449	120-PI-148	120-PI-148:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200452	120-PI-149	120-PI-149:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200455	120-PI-159	120-PI-159:PRESSURE INDICATOR	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200459	120-PI-160	120-PI-160:PRESSURE INDICATOR	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200462	120-PI-161	120-PI-161:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200465	120-PI-162	120-PI-162:PRESSURE INDICATOR	D	INST-05	Pressure Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200469	120-PI-164	120-PI-164:PRESSURE INDICATOR	D	INST-05	Pressure Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200472	120-PI-165	120-PI-165:PRESSURE INDICATOR	D	INST-05	Pressure Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200476	120-PI-166	120-PI-166:PRESSURE INDICATOR	D	INST-05	Pressure Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200479	120-PI-167	120-PI-167:PRESSURE INDICATOR	D	INST-05	Pressure Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200482	120-PI-179	120-PI-179:PRESSURE INDICATOR	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200485	120-PI-180	120-PI-180:PRESSURE INDICATOR	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200488	120-PI-181	120-PI-181:PRESSURE INDICATOR	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200491	120-PI-182	120-PI-182:PRESSURE INDICATOR	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200494	120-PI-183	120-PI-183:PRESSURE INDICATOR	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200497	120-PI-184	120-PI-184:PRESSURE INDICATOR	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200500	120-PI-185	120-PI-185:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200503	120-PI-186	120-PI-186:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200506	120-PI-187	120-PI-187:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200509	120-PI-188	120-PI-188:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200512	120-PIT-133	120-PIT-133:PRESSURE INDICATOR TRANSMITT	D	INST-05	Pressure Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200515	120-PI-105	120-PI-105:PRESSURE INDICATOR	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200518	120-PI-106	120-PI-106:PRESSURE INDICATOR	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200521	120-PI-107	120-PI-107:PRESSURE INDICATOR	D	INST-05	Pressure Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200524	120-PI-108	120-PI-108:PRESSURE INDICATOR	D	INST-05	Pressure Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200527	120-PI-109	120-PI-109:PRESSURE INDICATOR	D	INST-05	Pressure Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200531	120-PI-110	120-PI-110:PRESSURE INDICATOR	D	INST-05	Pressure Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200533	120-PI-111	120-PI-111:PRESSURE INDICATOR	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200536	120-PI-112	120-PI-112:PRESSURE INDICATOR	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200539	120-PI-113	120-PI-113:PRESSURE INDICATOR	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200542	120-PI-114	120-PI-114:PRESSURE INDICATOR	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200545	120-PI-115	120-PI-115:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200549	120-PI-136	120-PI-136:PRESSURE INDICATOR	D	INST-05	Pressure Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200551	120-PI-137	120-PI-137:PRESSURE INDICATOR	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200554	120-PI-138	120-PI-138:PRESSURE INDICATOR	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200557	120-PI-139	120-PI-139:PRESSURE INDICATOR	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200561	120-PI-140	120-PI-140:PRESSURE INDICATOR	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200564	120-PI-141	120-PI-141:PRESSURE INDICATOR	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200567	120-PI-142	120-PI-142:PRESSURE INDICATOR	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200570	120-PI-143	120-PI-143:PRESSURE INDICATOR	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200573	120-PI-144	120-PI-144:PRESSURE INDICATOR	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200576	120-PI-145	120-PI-145:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200579	120-PI-146	120-PI-146:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200582	120-PI-168	120-PI-168:PRESSURE INDICATOR	D	INST-05	Pressure Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200585	120-PI-169	120-PI-169:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200588	120-PI-170	120-PI-170:PRESSURE INDICATOR	D	INST-05	Pressure Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200591	120-PI-171	120-PI-171:PRESSURE INDICATOR	D	INST-05	Pressure Device	BELT PRESS PROCESS AREA-120		Zone 5
	330200594	120-PI-172	120-PI-172:PRESSURE INDICATOR	D	INST-05	Pressure Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200597	120-PI-173	120-PI-173:PRESSURE INDICATOR	D	INST-05	Pressure Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200600	120-PI-174	120-PI-174:PRESSURE INDICATOR	D	INST-05	Pressure Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200603	120-PI-175	120-PI-175:PRESSURE INDICATOR	D	INST-03	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200606	120-PI-176	120-PI-176:PRESSURE INDICATOR	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200609	120-PI-177	120-PI-177:PRESSURE INDICATOR	D	INST-05	Pressure Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200612	120-PI-178	120-PI-178:PRESSURE INDICATOR	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200615	120-PIT-134	120-PIT-134:PRESSURE INDICATOR TRANSMITT	D	INST-05	Pressure Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200624	120-PSL-121	120-PSL-121:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330200627	120-PSL-122	120-PSL-122:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200630	120-PSL-123	120-PSL-123:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200633	120-PSL-124	120-PSL-124:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200637	120-PSL-127	120-PSL-127:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200640	120-PSL-128	120-PSL-128:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200643	120-PSL-129	120-PSL-129:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200752	120-PSL-151	120-PSL-151:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200756	120-PSL-152	120-PSL-152:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200759	120-PSL-153	120-PSL-153:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200762	120-PSL-154	120-PSL-154:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200765	120-PSL-155	120-PSL-155:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200768	120-PSL-156	120-PSL-156:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200771	120-PSL-157	120-PSL-157:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330200774	120-PSL-158	120-PSL-158:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330203630	123-PI-001	123-PI-001:PRESSURE INDICATOR	C	INST-05	Pressure Device	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	330203631	123-PI-002	123-PI-002:PRESSURE INDICATOR	C	INST-05	Pressure Device	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	330203634	124-PI-001	124-PI-001:PRESSURE INDICATOR	C	INST-05	Pressure Device	CAUSTIC SYSTEM AREA-124		Zone 5
	330203635	124-PI-002	124-PI-002:PRESSURE INDICATOR	C	INST-05	Pressure Device	CAUSTIC SYSTEM AREA-124		Zone 5
	330203638	124-PI-003	124-PI-003:PRESSURE INDICATOR	C	INST-05	Pressure Device	CAUSTIC SYSTEM AREA-124		Zone 5
	330203759	123-PI-003	123-PI-003:PRESSURE INDICATOR	C	INST-05	Pressure Device	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	330203762	123-PI-004	123-PI-004:PRESSURE INDICATOR	C	INST-05	Pressure Device	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	330204360	130-PT-007	130-PT-007:PERSS. XMITTER, BUTANE SKID F	D	INST-05	Pressure Device	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	330204386	132-PI-001	132-PI-001:PRESSURE INDICATOR	C	INST-05	Pressure Device	AROMATICS/UTY B.L INTERFACE AREA-131		Zone 5
	330204421	131-PI-001	131-PI-001:PRESSURE INDICATOR	C	INST-05	Pressure Device	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	330204422	131-PI-002	131-PI-002:PRESSURE INDICATOR	C	INST-05	Pressure Device	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	330228084	111-FY-100	111-FY-100:I/P CONVERTER	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228085	111-FY-105	111-FY-105:I/P CONVERTER	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228086	111-FY-110	111-FY-110:I/P CONVERTER	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228096	111-PI-106	111-PI-106:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228097	111-PI-107	111-PI-107:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228098	111-PI-110	111-PI-110:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228099	111-PI-112	111-PI-112:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228100	111-PI-113	111-PI-113:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228101	111-PI-114	111-PI-114:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228102	111-PI-115	111-PI-115:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228104	111-PI-127	111-PI-127:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228105	111-PI-144	111-PI-144:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228106	111-PI-171	111-PI-171:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228107	111-PI-173	111-PI-173:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228108	111-PI-174	111-PI-174:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228109	111-PI-178	111-PI-178:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228110	111-PI-180	111-PI-180:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228111	111-PI-181	111-PI-181:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228112	111-PI-185	111-PI-185:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228113	111-PI-187	111-PI-187:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228114	111-PI-188	111-PI-188:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228119	111-PI-100	111-PI-100:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228120	111-PI-101	111-PI-101:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228121	111-PI-103	111-PI-103:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228122	111-PI-104	111-PI-104:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228124	111-PI-145	111-PI-145:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228125	111-PI-150	111-PI-150:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228126	111-PI-152	111-PI-152:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228127	111-PI-153	111-PI-153:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228128	111-PI-157	111-PI-157:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228129	111-PI-159	111-PI-159:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228130	111-PI-160	111-PI-160:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228131	111-PI-164	111-PI-164:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228132	111-PI-166	111-PI-166:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228133	111-PI-167	111-PI-167:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228134	111-PIC-140	111-PIC-140:PRESSURE INDICATOR CONTROLLE	B	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228135	111-PIT-102	111-PIT-102:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228136	111-PIT-105	111-PIT-105:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228137	111-PIT-115	111-PIT-115:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228138	111-PIT-130	111-PIT-130:PRESSURE INDICATOR TRANSMITT	D	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228139	111-PIT-138	111-PIT-138:PRESSURE INDICATOR TRANSMITT	D	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228140	111-PIT-140	111-PIT-140:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228141	111-PIT-142	111-PIT-142:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228142	111-PSL-127	111-PSL-127:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228143	111-PSL-130	111-PSL-130:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228144	111-PSL-144	111-PSL-144:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228145	111-PSL-147	111-PSL-147:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228146	111-PSLL-143	111-PSLL-143:PRESSURE SWITCH LOW LOW	A	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228147	111-PSLL-146	111-PSLL-146:PRESSURE SWITCH LOW LOW	B	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228148	111-PSHH-116	111-PSHH-116:PRESSURE SWITCH HIGH HIGH	B	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228149	111-PSHH-141	111-PSHH-141:PRESSURE SWITCH HIGH HIGH	A	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228150	111-PSLL-121	111-PSLL-121:PRESSURE SWITCH LOW LOW	B	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228151	111-PSLL-132	111-PSLL-132:PRESSURE SWITCH LOW LOW	B	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228152	111-PSLL-139	111-PSLL-139:PRESSURE SWITCH LOW LOW	B	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228344	115-PDI-141	115-PDI-141:P/D INDICATOR, MAIN OIL FILT	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228345	115-PDSH-141	115-PDSH-141:P/D SWITCH HIGH, MAIN OIL F	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228346	115-PI-101	115-PI-101:PRESSURE INDICATOR	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228347	115-PI-111	115-PI-111:PRESSURE INDICATOR	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228348	115-PI-112	115-PI-112:PRESSURE INDICATOR	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228349	115-PI-113	115-PI-113:PRESSURE INDICATOR	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228357	115-PI-114	115-PI-114:PRESSURE INDICATOR	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228358	115-PI-121	115-PI-121:PRESSURE INDICATOR	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228359	115-PI-131	115-PI-131:PRESSURE INDICATOR	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228360	115-PI-141	115-PI-141:PRESSURE INDICATOR, LUBE OIL	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228361	115-PI-171	115-PI-171:PRESSURE INDICATOR, SURFACE C	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228362	115-PI-172	115-PI-172:PRESSURE INDICATOR, HOGGING E	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228363	115-PI-173	115-PI-173:PRESSURE INDICATOR, 1ST STAGE	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228364	115-PI-174	115-PI-174:PRESSURE INDICATOR, 1ST STAGE	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228365	115-PI-175	115-PI-175:PRESSURE INDICATOR, 2ND STAGE	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228366	115-PI-176	115-PI-176:PRESSURE INDICATOR, 2ND STAGE	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228400	115-PI-177	115-PI-177:PRESSURE INDICATOR, INTER COO	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228401	115-PSH-171	115-PSH-171:PRESSURE SWITCH HIGH, SURF C	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228402	115-PSL-141	115-PSL-141:PRESS. SWITCH LOW, LUBE OIL	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228403	115-PSL-181	115-PSL-181:PRESSURE SWITCH LOW	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228404	115-PSL-186	115-PSL-186:PRESS. SWITCH LOW, STAND BY	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228405	115-PSLL-141	115-PSLL-141:PRESS. SWITCH L.L., L. OIL	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330229861	111-FY-200	111-FY-200:I/P CONVERTER	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229862	111-FY-205	111-FY-205:I/P CONVERTER	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229863	111-FY-210	111-FY-210:I/P CONVERTER	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229864	111-FY-300	111-FY-300:I/P CONVERTER	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229865	111-FY-305	111-FY-305:I/P CONVERTER	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229866	111-FY-310	111-FY-310:I/P CONVERTER	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229867	111-FY-400	111-FY-400:I/P CONVERTER	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229894	111-FY-405	111-FY-405:I/P CONVERTER	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229895	111-FY-410	111-FY-410:I/P CONVERTER	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229901	111-PI-200	111-PI-200:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229902	111-PI-201	111-PI-201:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229903	111-PI-203	111-PI-203:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229904	111-PI-204	111-PI-204:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229905	111-PI-206	111-PI-206:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229906	111-PI-207	111-PI-207:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229907	111-PI-210	111-PI-210:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229908	111-PI-212	111-PI-212:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229909	111-PI-213	111-PI-213:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229910	111-PI-214	111-PI-214:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229911	111-PI-215	111-PI-215:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229912	111-PI-225	111-PI-225:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229913	111-PI-227	111-PI-227:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229914	111-PI-244	111-PI-244:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229915	111-PI-245	111-PI-245:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229916	111-PI-250	111-PI-250:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229917	111-PI-252	111-PI-252:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229918	111-PI-253	111-PI-253:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229919	111-PI-257	111-PI-257:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229920	111-PI-259	111-PI-259:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229921	111-PI-260	111-PI-260:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229922	111-PI-287	111-PI-287:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330229923	111-PI-288	111-PI-288:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229924	111-PI-300	111-PI-300:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229925	111-PI-301	111-PI-301:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229926	111-PI-303	111-PI-303:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229927	111-PI-304	111-PI-304:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229928	111-PI-306	111-PI-306:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229929	111-PI-307	111-PI-307:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229930	111-PI-310	111-PI-310:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229931	111-PI-312	111-PI-312:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229932	111-PI-357	111-PI-357:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229933	111-PI-359	111-PI-359:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229934	111-PI-360	111-PI-360:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229935	111-PI-364	111-PI-364:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229936	111-PI-366	111-PI-366:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229937	111-PI-367	111-PI-367:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229938	111-PI-371	111-PI-371:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229939	111-PI-373	111-PI-373:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229940	111-PI-374	111-PI-374:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229941	111-PI-378	111-PI-378:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229942	111-PI-407	111-PI-407:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229943	111-PI-410	111-PI-410:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229944	111-PI-412	111-PI-412:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229945	111-PI-413	111-PI-413:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229946	111-PI-414	111-PI-414:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229947	111-PI-415	111-PI-415:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229948	111-PI-425	111-PI-425:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229949	111-PI-427	111-PI-427:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229950	111-PI-444	111-PI-444:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229951	111-PI-445	111-PI-445:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229952	111-PI-473	111-PI-473:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229953	111-PI-474	111-PI-474:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229954	111-PI-478	111-PI-478:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229955	111-PI-480	111-PI-480:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229956	111-PI-481	111-PI-481:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229957	111-PI-485	111-PI-485:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229958	111-PI-487	111-PI-487:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229959	111-PI-488	111-PI-488:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229960	111-PIC-240	111-PIC-240:PRESSURE INDICATOR CONTROLLE	B	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229961	111-PI-264	111-PI-264:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229962	111-PI-266	111-PI-266:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229963	111-PI-267	111-PI-267:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229964	111-PI-271	111-PI-271:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229965	111-PI-273	111-PI-273:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229966	111-PI-274	111-PI-274:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229967	111-PI-278	111-PI-278:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229968	111-PI-280	111-PI-280:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229969	111-PI-281	111-PI-281:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229970	111-PI-285	111-PI-285:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229971	111-PI-313	111-PI-313:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229972	111-PI-314	111-PI-314:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229973	111-PI-315	111-PI-315:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229974	111-PI-325	111-PI-325:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229975	111-PI-327	111-PI-327:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229976	111-PI-344	111-PI-344:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229977	111-PI-345	111-PI-345:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229978	111-PI-350	111-PI-350:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229979	111-PI-352	111-PI-352:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229980	111-PI-353	111-PI-353:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229981	111-PI-380	111-PI-380:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229982	111-PI-381	111-PI-381:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229983	111-PI-385	111-PI-385:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229984	111-PI-387	111-PI-387:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229985	111-PI-388	111-PI-388:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229986	111-PI-400	111-PI-400:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229987	111-PI-401	111-PI-401:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229988	111-PI-403	111-PI-403:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229989	111-PI-404	111-PI-404:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229990	111-PI-406	111-PI-406:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229991	111-PI-450	111-PI-450:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229992	111-PI-452	111-PI-452:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229993	111-PI-453	111-PI-453:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229994	111-PI-457	111-PI-457:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229995	111-PI-459	111-PI-459:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229996	111-PI-460	111-PI-460:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229997	111-PI-464	111-PI-464:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229998	111-PI-466	111-PI-466:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229999	111-PI-467	111-PI-467:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230000	111-PI-471	111-PI-471:PRESSURE INDICATOR	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230001	111-PIC-340	111-PIC-340:PRESSURE INDICATOR CONTROLLE	B	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230002	111-PIC-440	111-PIC-440:PRESSURE INDICATOR CONTROLLE	B	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230003	111-PIT-315	111-PIT-315:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230004	111-PIT-330	111-PIT-330:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230005	111-PIT-338	111-PIT-338:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230006	111-PIT-340	111-PIT-340:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230007	111-PIT-342	111-PIT-342:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230008	111-PIT-402	111-PIT-402:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230009	111-PIT-405	111-PIT-405:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230010	111-PIT-415	111-PIT-415:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230011	111-PIT-430	111-PIT-430:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230012	111-PSHH-441	111-PSHH-441:PRESSURE SWITCH HIGH HIGH	A	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230013	111-PSL-227	111-PSL-227:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230014	111-PSL-230	111-PSL-230:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230015	111-PSL-244	111-PSL-244:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230016	111-PSL-247	111-PSL-247:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230017	111-PSL-327	111-PSL-327:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230018	111-PSLL-221	111-PSLL-221:PRESSURE SWITCH LOW LOW	B	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230019	111-PSLL-232	111-PSLL-232:PRESSURE SWITCH LOW LOW	B	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230020	111-PSLL-239	111-PSLL-239:PRESSURE SWITCH LOW LOW	B	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230021	111-PSLL-243	111-PSLL-243:PRESSURE SWITCH LOW LOW	A	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230022	111-PSLL-246	111-PSLL-246:PRESSURE SWITCH LOW LOW	B	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230023	111-PSLL-321	111-PSLL-321:PRESSURE SWITCH LOW LOW	B	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230024	111-PSLL-332	111-PSLL-332:PRESSURE SWITCH LOW LOW	B	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230025	111-PSLL-339	111-PSLL-339:PRESSURE SWITCH LOW LOW	B	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230026	111-PIT-202	111-PIT-202:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230027	111-PIT-205	111-PIT-205:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230028	111-PIT-215	111-PIT-215:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230029	111-PIT-230	111-PIT-230:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230030	111-PIT-238	111-PIT-238:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230031	111-PIT-240	111-PIT-240:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230032	111-PIT-242	111-PIT-242:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230033	111-PIT-302	111-PIT-302:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230034	111-PIT-305	111-PIT-305:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230035	111-PIT-438	111-PIT-438:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230036	111-PIT-440	111-PIT-440:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230037	111-PIT-442	111-PIT-442:PRESSURE INDICATOR TRANSMITT	B	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230038	111-PSHH-216	111-PSHH-216:PRESSURE SWITCH HIGH HIGH	B	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230039	111-PSHH-241	111-PSHH-241:PRESSURE SWITCH HIGH HIGH	A	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230040	111-PSHH-316	111-PSHH-316:PRESSURE SWITCH HIGH HIGH	B	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230041	111-PSHH-341	111-PSHH-341:PRESSURE SWITCH HIGH HIGH	A	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230042	111-PSHH-416	111-PSHH-416:PRESSURE SWITCH HIGH HIGH	B	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230043	111-PSL-330	111-PSL-330:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230044	111-PSL-344	111-PSL-344:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230045	111-PSL-347	111-PSL-347:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230046	111-PSL-427	111-PSL-427:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230047	111-PSL-430	111-PSL-430:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230048	111-PSL-444	111-PSL-444:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230049	111-PSL-447	111-PSL-447:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230050	111-PSLL-343	111-PSLL-343:PRESSURE SWITCH LOW LOW	A	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230051	111-PSLL-346	111-PSLL-346:PRESSURE SWITCH LOW LOW	B	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230052	111-PSLL-421	111-PSLL-421:PRESSURE SWITCH LOW LOW	B	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230053	111-PSLL-432	111-PSLL-432:PRESSURE SWITCH LOW LOW	B	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230054	111-PSLL-439	111-PSLL-439:PRESSURE SWITCH LOW LOW	B	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330230055	111-PSLL-443	111-PSLL-443:PRESSURE SWITCH LOW LOW	A	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230056	111-PSLL-446	111-PSLL-446:PRESSURE SWITCH LOW LOW	B	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330278092	111-PIC-230C	111-PIC-230C:PRESSURE IND CONTROLLER	D	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278093	111-PIC-330C	111-PIC-330C:PRESSURE IND CONTROLLER	D	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278094	111-PIC-430C	111-PIC-430C:PRESSURE IND CONTROLLER	D	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330292429	116-PSLL-141	116-PSLL-141:PRESS. SWITCH L.L., L. OIL	C	INST-05	Pressure Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330313392	109-PDSL-269	109-PDSL-269:PRESSURE DIFFERENTIAL SWIT	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330322731	111-PSL-040	111-PSL-040:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330322732	111-PSL-041	111-PSL-041:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330322733	111-PSL-042	111-PSL-042:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330322734	111-PSL-043	111-PSL-043:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330322735	111-PSLL-198	111-PSLL-198:PRESSURE SWITCH LOW LOW	B	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330322736	111-PSLL-298	111-PSLL-298:PRESSURE SWITCH LOW	B	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330322737	111-PSLL-398	111-PSLL-398:PRESSURE SWITCH LOW	B	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330322738	111-PSLL-498	111-PSLL-498:PRESSURE SWITCH LOW	B	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330322739	111-PSL-199	111-PSL-199:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330322740	111-PSL-299	111-PSL-299:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330322741	111-PSL-399	111-PSL-399:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330322742	111-PSL-499	111-PSL-499:PRESSURE SWITCH LOW	C	INST-05	Pressure Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330357773	110-PT-311	110-PT-311: 110-K-003 DISCHARGE PRES. TX	D	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330357775	110-PDSH-312	110-PDSH-312: K-003 I/L AIR FILTER DP SW	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330362485	110-PSLL-126	110-PSLL-126: K-001 LL Oil Pressure SW	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330362537	110-PSLL-326	110-PSLL-326: K-003 LL Oil Pressure SW	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330362542	110-PSLL-327	110-PSLL-327: K-003 L/O LL pressure SW	C	INST-05	Pressure Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330410497	111-PDSH-940	111-G-004 SUCTION STRAINER DP SWITCH	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330410498	111-PDSH-950	111-G-005 SUCTION STRAINER DP SWITCH	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330410499	111-PDSH-960	111-G-006 SUCTION STRAINER DP SWITCH	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330410500	111-PDSH-970	111-G-009 SUCTION STRAINER DP SWITCH	D	INST-05	Pressure Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330455692	109-PSHH-541	109-PSHH-541:PRESSURE SWITCH HIGH HIGH	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330455694	109-PSLL-543	109-PSLL-543; PRESSURE SWITCH LOW LOW	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330455864	116-PSL-171	116-PSL-171 :PRESSURE SWITCH LOW	C	INST-05	Pressure Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455865	116-PSL-193	116-PSL-193 :PRESSURE SWITCH LOW	C	INST-05	Pressure Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455895	116-PSL-241	116-PSL-241 :PRESSURE SWITCH LOW	C	INST-05	Pressure Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455896	116-PSL-271	116-PSL-271 :PRESSURE SWITCH LOW	C	INST-05	Pressure Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455897	116-PSL-293	116-PSL-293 :PRESSURE SWITCH LOW	C	INST-05	Pressure Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455898	116-PSLL-241	116-PSLL-241 :PRESSURE SWITCH LOW LOW	C	INST-05	Pressure Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455944	115-PSL-171	115-PSL-171 :PRESSURE SWITCH LOW	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455945	115-PSL-193	115-PSL-193 :PRESSURE SWITCH LOW	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455970	115-PSL-241	115-PSL-241 :PRESSURE SWITCH LOW	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455972	115-PSL-293	115-PSL-293 :PRESSURE SWITCH LOW	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455973	115-PSLL-241	115-PSLL-241:PRESSURE SWITCH LOW LOW	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330461217	115-PI-212	115-PI-212:PRESSURE INDICATOR	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330461218	115-PI-702	115-PI-702:PRESSURE INDICATOR	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330461219	115-PI-701	115-PI-701:PRESSURE INDICATOR	D	INST-05	Pressure Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330461220	116-PI-213	116-PI-213:PRESSURE INDICATOR	C	INST-05	Pressure Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330461221	116-PI-212	116-PI-212:PRESSURE INDICATOR	C	INST-05	Pressure Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330461222	116-PI-113	116-PI-113:PRESSURE INDICATOR	C	INST-05	Pressure Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330461427	113-PSL-003	113-PSL-003:Pressure Switch Low	D	INST-05	Pressure Device	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330468006	109-PIC-190	109-PIC-190:PRESSURE INDICATOR CONTROLLE	D	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330484580	109-PI-268	109-PI-268: PRESSURE INDICATOR	C	INST-05	Pressure Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330521002	120-PDIT-1151	120-PDIT-1151:DIFFERENTIAL PRESSURE TRAN	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521003	120-PDIT-1152	120-PDIT-1152:DIFFERENTIAL PRESSURE TRAN	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521004	120-PDIT-1153	120-PDIT-1153:DIFFERENTIAL PRESSURE TRAN	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521005	120-PDIT-1154	120-PDIT-1154:DIFFERENTIAL PRESSURE TRAN	C	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521006	120-PDIT-1161	120-PDIT-1161:DIFFERENTIAL PRESSURE TRAN	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521007	120-PDIT-1162	120-PDIT-1162:DIFFERENTIAL PRESSURE TRAN	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521008	120-PDIT-1163	120-PDIT-1163:DIFFERENTIAL PRESSURE TRAN	C	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521009	120-PI-1012	120-PI-1012:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521010	120-PI-1013	120-PI-1013:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521011	120-PI-1111	120-PI-1111:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521012	120-PI-1112	120-PI-1112:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521013	120-PI-1113	120-PI-1113:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521014	120-PI-1114	120-PI-1114:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521015	120-PI-1115	120-PI-1115:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521016	120-PI-1116	120-PI-1116:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521017	120-PI-1121	120-PI-1121:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521018	120-PI-1122	120-PI-1122:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521019	120-PI-1141	120-PI-1141:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521020	120-PI-1142	120-PI-1142:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521021	120-PI-1157	120-PI-1157:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521022	120-PI-1158	120-PI-1158:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521023	120-PI-1161	120-PI-1161:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521024	120-PI-1162	120-PI-1162:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521025	120-PI-1163	120-PI-1163:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521026	120-PI-1164	120-PI-1164:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521027	120-PI-1165	120-PI-1165:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521028	120-PI-1167	120-PI-1167:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521029	120-PI-1168	120-PI-1168:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521030	120-PI-1171	120-PI-1171:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521031	120-PI-1172	120-PI-1172:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521032	120-PI-1181	120-PI-1181:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521033	120-PI-1231	120-PI-1231:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521034	120-PI-1232	120-PI-1232:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521035	120-PI-1251	120-PI-1251:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521036	120-PI-1252	120-PI-1252:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521037	120-PI-1261	120-PI-1261:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521038	120-PI-1262	120-PI-1262:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521039	120-PI-1301	120-PI-1301:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521040	120-PI-1302	120-PI-1302:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521041	120-PI-1303	120-PI-1303:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521042	120-PI-1304	120-PI-1304:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521043	120-PI-1305	120-PI-1305:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521044	120-PI-1306	120-PI-1306:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521045	120-PI-1307	120-PI-1307:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521046	120-PI-1308	120-PI-1308:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521047	120-PI-1311	120-PI-1311:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521048	120-PI-1312	120-PI-1312:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521049	120-PI-1313	120-PI-1313:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521050	120-PI-1314	120-PI-1314:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521051	120-PI-1315	120-PI-1315:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521052	120-PI-1316	120-PI-1316:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521053	120-PI-1317	120-PI-1317:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521054	120-PI-1318	120-PI-1318:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521055	120-PI-1322	120-PI-1322:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521056	120-PI-1323	120-PI-1323:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521057	120-PI-1324	120-PI-1324:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521058	120-PI-1325	120-PI-1325:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521059	120-PI-1331	120-PI-1331:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521060	120-PI-1332	120-PI-1332:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521061	120-PI-1341	120-PI-1341:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521062	120-PI-1342	120-PI-1342:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521063	120-PI-1411	120-PI-1411:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521064	120-PI-1412	120-PI-1412:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521065	120-PI-1413	120-PI-1413:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521066	120-PI-1451	120-PI-1451:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521067	120-PI-1452	120-PI-1452:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521068	120-PI-1453	120-PI-1453:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521069	120-PI-1471	120-PI-1471:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521070	120-PI-1472	120-PI-1472:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521071	120-PI-1473	120-PI-1473:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521072	120-PI-1571	120-PI-1571:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521073	120-PI-1572	120-PI-1572:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521074	120-PI-1611	120-PI-1611:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521075	120-PI-1612	120-PI-1612:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521076	120-PI-1621	120-PI-1621:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521077	120-PI-1622	120-PI-1622:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521078	120-PI-1623	120-PI-1623:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521079	120-PI-1631	120-PI-1631:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521080	120-PI-1632	120-PI-1632:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521081	120-PI-1641	120-PI-1641:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521082	120-PI-1642	120-PI-1642:COMBUSTIBLE GAS ANALYZER	C	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521083	120-PI-1651	120-PI-1651:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330521084	120-PI-1652	120-PI-1652:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521085	120-PI-1661	120-PI-1661:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521086	120-PI-1662	120-PI-1662:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521087	120-PI-1681	120-PI-1681:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521088	120-PI-1682	120-PI-1682:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521089	120-PI-1711	120-PI-1711:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521090	120-PI-1731	120-PI-1731:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521091	120-PI-1741	120-PI-1741:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521092	120-PI-1751	120-PI-1751:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521093	120-PIT-1182	120-PIT-1182:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330525035	V84-PG-1610	V84-PG-1610:PRESSURE GAUGE	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525040	V84-PG-1568	V84-PG-1568:PRESSURE GAUGE	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525041	000-PI-5002	000-PI-5002:PRESSURE GAUGE	D	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525042	000-PI-5005	000-PI-5005:PRESSURE GAUGE	D	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525043	000-PI-5045	000-PI-5045:PRESSURE GAUGE	D	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525044	100-PI-5001	100-PI-5001:PRESSURE GAUGE	D	INST-05	Pressure Device	PIPING SYSTEM	Acetic Acid Plant	Zone 5
	330525045	29-PI-244L	29-PI-244L:PRESSURE GAUGE	D	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525046	29-PI-243L	29-PI-243L:PRESSURE GAUGE	D	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525047	112-PI-5009	112-PI-5009:PRESSURE GAUGE	D	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120	Deaminraize Area	Zone 5
	330525048	113-PI-5016	113-PI-5016:PRESSURE GAUGE	D	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120	Process Water Area	Zone 5
	330525049	117-PI-5030	117-PI-5030:PRESSURE GAUGE	D	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525050	117-PI-5032	117-PI-5032:PRESSURE GAUGE	D	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525051	117-PI-5034	117-PI-5034:PRESSURE GAUGE	D	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525052	117-PI-5036	117-PI-5036:PRESSURE GAUGE	D	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525053	117-PI-5038	117-PI-5038:PRESSURE GAUGE	D	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525054	117-PI-5040	117-PI-5040:PRESSURE GAUGE	D	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525055	117-PI-5042	117-PI-5042:PRESSURE GAUGE	D	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525056	117-PI-5044	117-PI-5044:PRESSURE GAUGE	D	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525057	117-PI-5046	117-PI-5046:PRESSURE GAUGE	D	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525058	117-PI-5048	117-PI-5048:PRESSURE GAUGE	D	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525059	120-PI-5001	120-PI-5001:PRESSURE GAUGE	D	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330525060	TF2-PI-2208	TF2-PI-2208:PRESSURE GAUGE	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525061	TF2-PI-2209	TF2-PI-2209:PRESSURE GAUGE	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525062	TF2-PI-2207	TF2-PI-2207:PRESSURE GAUGE	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525063	TF2-PI-2211	TF2-PI-2211:PRESSURE GAUGE	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525064	TF2-PI-2214	TF2-PI-2214:PRESSURE GAUGE	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525065	TF2-PI-2215	TF2-PI-2215:PRESSURE GAUGE	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525066	TF2-PI-2216	TF2-PI-2216:PRESSURE GAUGE	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525067	TF2-PI-2217	TF2-PI-2217:PRESSURE GAUGE	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525070	132-PI-5002	132-PI-5002:PRESSURE GAUGE	D	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525071	132-PI-5005	132-PI-5005:PRESSURE GAUGE	D	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525072	132-PI-5006	132-PI-5006:PRESSURE GAUGE	D	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525074	72-PI-247L	72-PI-247L:PRESSURE GAUGE	D	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525108	000-PT-5048	000-PT-5048:PRESSURE TRANSMITTER	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525109	000-PT-5049	000-PT-5049:PRESSURE TRANSMITTER	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525112	107-PT-5013A	107-PT-5013A:PRESSURE TRANSMITTER	C	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330525113	107-PT-5013B	107-PT-5013B:PRESSURE TRANSMITTER	C	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330525114	107-PT-5013C	107-PT-5013C:PRESSURE TRANSMITTER	C	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330525115	107-PT-5014	107-PT-5014:PRESSURE TRANSMITTER	C	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330525116	113-PT-5003	113-PT-5003:PRESSURE TRANSMITTER	C	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120	Process Water Area	Zone 5
	330525117	117-PT-5021	117-PT-5021:PRESSURE TRANSMITTER	D	MECH-05	Pressure Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525118	TF2-PT-2201	TF2-PT-2201:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525119	TF2-PT-2202	TF2-PT-2202:PRESSURE TRANSMITTER	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525120	TF2-PT-2203	TF2-PT-2203:PRESSURE TRANSMITTER	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525121	TF2-PT-2204	TF2-PT-2204:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525122	TF2-PT-2205	TF2-PT-2205:PRESSURE TRANSMITTER	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525123	TF2-PT-2206	TF2-PT-2206:PRESSURE TRANSMITTER	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525124	TF2-PT-2212	TF2-PT-2212:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525125	TF2-PT-2213	TF2-PT-2213:PRESSURE TRANSMITTER	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525126	TF2-PT-2210	TF2-PT-2210:PRESSURE TRANSMITTER	D	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525131	V84-PT-1609	V84-PT-1609:PRESSURE TRANSMITTER	A	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330525336	112-PI-501	112-PI-501:112-D-004 PRESSURE INDICATOR	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525337	112-PI-502	112-PI-502:112-D-004 PRESSURE INDICATOR	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525338	112-PDIS-501	112-PDIS-501:112-D-004 DIFFERENTIAL PRES	C	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525342	112-PI-601	112-PI-601:112-D-005 PRESSURE INDICATOR	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525343	112-PI-602	112-PI-602:112-D-005 PRESSURE INDICATOR	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525344	112-PDIS-601	112-PDIS-601:112-D-005 DIFFERENTIAL PRES	C	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525347	112-PI-410	112-PI-410:112-G-010 PRESSURE INDICATOR	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525349	112-PI-411	112-PI-411:112-G-011 PRESSURE INDICATOR	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525351	112-PI-412	112-PI-412:112-G-012 PRESSURE INDICATOR	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525352	112-PI-701	112-PI-701:112-G-013 PRESSURE INDICATOR	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525353	112-PI-702	112-PI-702:112-G-014 PRESSURE INDICATOR	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330531944	120-PG-1642	120-PG-1642:PRESSURE GAUGE	D	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330531993	120-PIT-1541	120-PIT-1541:PRESSURE TRANSMITTER	C	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330531994	120-PIT-1301	120-PIT-1301:PRESSURE TRANSMITTER	B	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330531995	120-PI-1522	120-PI-1522:PRESSURE GAUGE	D	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330531997	120-PDT-1302	120-PDT-1302:DIFFERENTIAL PRESSURE TRANS	B	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330532000	120-PI-1542	120-PI-1542:PRESSURE GAUGE	D	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330532003	120-PI-1544	120-PI-1544:PRESSURE GAUGE	D	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330532004	120-PI-1562	120-PI-1562:PRESSURE GAUGE	D	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330532006	120-PI-1561	120-PI-1561:PRESSURE GAUGE	D	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330532007	120-PI-1173	120-PI-1173:PRESSURE GAUGE	D	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330532012	120-PDT-1301	120-PDT-1301:DIFFERENTIAL PRESSURE TRANS	B	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330532013	120-PI-1521	120-PI-1521:PRESSURE GAUGE	D	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330532014	120-PDT-1303	120-PDT-1303:DIFFERENTIAL PRESSURE TRANS	B	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330532017	120-PI-1532	120-PI-1532:PRESSURE GAUGE	D	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330532018	120-PI-1543	120-PI-1543:PRESSURE GAUGE	D	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330532019	120-PIT-1303	120-PIT-1303:PRESSURE TRANSMITTER	B	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330532022	120-PI-1174	120-PI-1174:PRESSURE GAUGE	D	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330532024	120-PT-1172	120-PT-1172:PRESSURE TRANSMITTER	D	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330532028	120-PI-1545	120-PI-1545:PRESSURE GAUGE	D	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330532035	120-PI-1531	120-PI-1531:PRESSURE GAUGE	D	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330532042	120-PIT-1302	120-PIT-1302:PRESSURE TRANSMITTER	B	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330532043	120-PT-1171	120-PT-1171:PRESSURE TRANSMITTER	D	INST-03	Pressure Device	PRETREATMENT AREA AREA-120		Zone 5
	330533832	V84-PDIS-1611	V84-PDIS-1611: Differential Pressure Swi	A	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330533881	V84-PG-1612	V84-PG-1612: Pressure Gauge	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330533882	V84-PG-1613	V84-PG-1613: Pressure Gauge	C	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330533895	72-PI-243L	72-PI-243L: PRESSURE GAUGE	D	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330533896	72-PI-244L	72-PI-244L: PRESSURE GAUGE	D	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330533897	72-PI-245L	72-PI-245L: PRESSURE GAUGE	D	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330533898	72-PI-246L	72-PI-246L: PRESSURE GAUGE	D	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330533917	V84-PT-1614	V84-PT-1614: Pressure Transmitter	A	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330533924	72-PT-243	72-PT-243: PRESSURE TRANSMITTER	A	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330533925	72-PT-244	72-PT-244: PRESSURE TRANSMITTER	A	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330533926	72-PT-245	72-PT-245: PRESSURE TRANSMITTER	A	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330533927	72-PT-246	72-PT-246: PRESSURE TRANSMITTER	A	INST-05	Pressure Device	PIPING SYSTEM		Zone 5
	330536391	120-PI-1011	120-PI-1011:PRESSURE GAUGE	D	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
	330536493	112-PI-403	112-PI-403:112-G-005 Pressure Indicator	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536494	112-PI-404	112-PI-404:112-G-006 Pressure Indicator	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536495	112-PI-407	112-PI-407:Pressure Indicator	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536498	112-PI-405	112-PI-405:112-G-007 Pressure Indicator	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536499	112-PI-406	112-PI-406:112-G-008 Pressure Indicator	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536500	112-PI-408	112-PI-408:Pressure Indicator	D	INST-05	Pressure Device	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330780343	120-PI-1182	120-PI-1182:PRESSURE GAUGE	E	INST-05	Pressure Device	AEROBIC TREATMENT AREA-120		Zone 5
PRESSURE VESSEL									
30	310062857	000-F-029	000-F-029:CHAMBER	D	MECH-03	Pressure Vessel	PRETREATMENT AREA AREA-120		Zone 5
	310063094	000-V-001	000-V-001:CPI ACTIVATED CARBON FILTER (1	C	MECH-05	Pressure Vessel	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310063096	000-V-002	000-V-002:CPI ACTIVATED CARBON FILTER (1	C	MECH-05	Pressure Vessel	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310063099	000-Y-011	000-Y-011:OIL / WATER SEPARATOR PACKAGE	D	MECH-05	Pressure Vessel	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310063225	000-Z-006	000-Z-006:OIL SKIMMERS	D	MECH-05	Pressure Vessel	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310064668	107-D-003	107-D-003:FUEL GAS KO DRUM	C	MECH-05	Pressure Vessel	FUEL GAS SYSTEM AREA-107		Zone 5
	310065043	108-D-001	108-D-001:DIESEL STORAGE DRUM	C	MECH-05	Pressure Vessel	DIESEL SYSTEM AREA-108		Zone 5
	310065054	109-C-001	109-C-001:HP PRESSURE COLUMN	C	MECH-05	Pressure Vessel	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065064	109-D-004	109-D-004:MOLECULAR SIEVE ABSORBER VESSE	C	MECH-05	Pressure Vessel	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065066	109-D-005	109-D-005:MOLECULAR SIEVE ABSORBER VESSE	C	MECH-05	Pressure Vessel	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065069	109-D-006	109-D-006:CHILLER RECEIVER	D	MECH-05	Pressure Vessel	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065115	109-V-001	109-V-001:COMPRESSOR INLET FILTER	C	MECH-05	Pressure Vessel	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065118	109-V-002	109-V-002:COMPRESSOR LUBE OIL FILTER	C	MECH-05	Pressure Vessel	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065120	109-V-003	109-V-003:EXPANDER LUBE OIL FILTER	C	MECH-05	Pressure Vessel	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065175	109-Y-003	109-Y-003:MOLECULAR SIEVE ABSORBER PACKA	D	MECH-05	Pressure Vessel	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065416	110-D-001	110-D-001:COMPRESSED AIR RECEIVER	D	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310065417	110-D-002	110-D-002:COMPRESSED AIR RECEIVER	D	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065418	110-D-003	110-D-003:ABSORBER VESSEL	D	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065419	110-D-004	110-D-004:ABSORBER VESSEL	D	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065420	110-D-005	110-D-005:ABSORBER VESSEL	D	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065421	110-D-006	110-D-006:ABSORBER VESSEL	D	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065422	110-D-007	110-D-007:COMPRESSOR 1 KNOCKOUT POT	D	MECH-05	Pressure Vessel	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065423	110-D-008	110-D-008:COMPRESSOR 2 KNOCKOUT POT	D	MECH-05	Pressure Vessel	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065431	110-D-009	110-D-009:COMPRESSOR 1 KNOCKOUT POT	D	MECH-05	Pressure Vessel	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065491	110-V-001	110-V-001:ABSORBER PREFILTER	D	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065494	110-V-002	110-V-002:ABSORBER PREFILTER	D	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065497	110-V-003	110-V-003:ABSORBER PREFILTER	D	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065499	110-V-004	110-V-004:ABSORBER PREFILTER	D	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065502	110-V-005	110-V-005:ABSORBER PREFILTER	D	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065505	110-V-006	110-V-006:ABSORBER PREFILTER	D	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065508	110-V-007	110-V-007:ABSORBER PREFILTER	D	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065511	110-V-008	110-V-008:ABSORBER PREFILTER	D	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065513	110-V-009	110-V-009:REGENERATION AIR FILTER	D	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065516	110-V-010	110-V-010:REGENERATION AIR FILTER	D	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065519	110-V-011	110-V-011:COMPRESSOR 1 LUBE OIL FILTER	D	MECH-05	Pressure Vessel	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065520	110-V-012	110-V-012:COMPRESSOR 2 LUBE OIL FILTER	D	MECH-05	Pressure Vessel	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065521	110-V-013	110-V-013:COMPRESSOR 3 LUBE OIL FILTER	D	MECH-05	Pressure Vessel	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065522	110-V-014	110-V-014:COMPRESSOR 1 INLET FILTER	D	MECH-05	Pressure Vessel	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065523	110-V-015	110-V-015:COMPRESSOR 2 INLET FILTER	D	MECH-05	Pressure Vessel	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065524	110-V-016	110-V-016:COMPRESSOR 3 INLET FILTER	D	MECH-05	Pressure Vessel	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065561	110-Y-002	110-Y-002:ABSORBER PACKAGE	C	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065563	110-Y-003	110-Y-003:ABSORBER PACKAGE	D	MECH-05	Pressure Vessel	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	310065719	111-D-001	111-D-001:BOILER FEED WATER DEAERATOR	A	MECH-05	Pressure Vessel	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	310065722	111-D-002	111-D-002:BOILER FEED WATER DEAERATOR	D	MECH-05	Pressure Vessel	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	310065725	111-D-004	111-D-004:CONTINUOUS BOILER BLOW DOWN DR	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310065727	111-D-005	111-D-005:INTERMITTENT BOILER BLOW DOWN	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310065729	111-D-008	111-D-008:EXCESS STEAM CONDENSATE DRUM	A	MECH-05	Pressure Vessel	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310067076	112-D-001	112-D-001:MIXED BED VESSEL	B	MECH-05	Pressure Vessel	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310067077	112-D-002	112-D-002:MIXED BED VESSEL	B	MECH-05	Pressure Vessel	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310067078	112-D-003	112-D-003:MIXED BED VESSEL	B	MECH-05	Pressure Vessel	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310067131	116-D-001	116-D-001:COOLING WATER EXPANSION VESSEL	B	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310067161	117-D-001	117-D-001:CHILLED WATER EXPANSION VESSEL	B	MECH-05	Pressure Vessel	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	310067222	117-GV-001	117-GV-001:LUBE OIL FILTER FOR TURBINE D	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310067223	117-GV-002	117-GV-002:LUBE OIL FILTER FOR TURBINE D	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310067248	119-D-001	119-D-001:HP FLARE KNOCKOUT DRUM	C	MECH-05	Pressure Vessel	FLARE SYSTEM AREA-119		Zone 5
	310067249	119-D-002	119-D-002:LP FLARE KNOCKOUT DRUM	D	MECH-05	Pressure Vessel	FLARE SYSTEM AREA-119		Zone 5
	310067250	119-D-003	119-D-003:PTA FLARE KNOCKOUT DRUM	C	MECH-05	Pressure Vessel	FLARE SYSTEM AREA-119		Zone 5
	310067251	119-D-004	119-D-004:HP FLARE SURGE DRUM	D	MECH-05	Pressure Vessel	FLARE SYSTEM AREA-119		Zone 5
	310067252	119-D-005	119-D-005:LP FLARE SURGE DRUM	D	MECH-05	Pressure Vessel	FLARE SYSTEM AREA-119		Zone 5
	310067253	119-D-006	119-D-006:HP FLARE WATER SEAL DRUM	B	MECH-05	Pressure Vessel	FLARE SYSTEM AREA-119		Zone 5
	310067254	119-D-007	119-D-007:LP FLARE WATER SEAL DRUM	D	MECH-05	Pressure Vessel	FLARE SYSTEM AREA-119		Zone 5
	310067479	120-V-001	120-V-001:VENT GAS ACTIVATED CARBON FILT	D	MECH-05	Pressure Vessel	AEROBIC TREATMENT AREA-120		Zone 5
	310067484	120-V-002	120-V-002:VENT GAS ACTIVATED CARBON FILT	D	MECH-05	Pressure Vessel	AEROBIC TREATMENT AREA-120		Zone 5
	310067485	120-V-003	120-V-003:VENT GAS ACTIVATED CARBON FILT	D	MECH-05	Pressure Vessel	AEROBIC TREATMENT AREA-120		Zone 5
	310068114	123-D-001	123-D-001:H2S04 STORAGE VESSEL	B	MECH-05	Pressure Vessel	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310082456	115-GV-001	115-GV-001:LUBE OIL FILTER FOR TURBINE D	C	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082458	115-GV-002	115-GV-002:LUBE OIL FILTER FOR TURBINE D	C	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082459	115-GV-003	115-GV-003:LUBE OIL FILTER FOR TURBINE D	C	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082460	115-GV-004	115-GV-004:LUBE OIL FILTER FOR TURBINE D	C	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082558	116-GV-001	116-GV-001:LUBE OIL FILTER FOR TURBINE D	C	MECH-05	Pressure Vessel	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082559	116-GV-002	116-GV-002:LUBE OIL FILTER FOR TURBINE D	C	MECH-05	Pressure Vessel	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082560	116-GV-003	116-GV-003:LUBE OIL FILTER FOR TURBINE D	C	MECH-05	Pressure Vessel	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082561	116-GV-004	116-GV-004:LUBE OIL FILTER FOR TURBINE D	C	MECH-05	Pressure Vessel	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310111868	111-SP-001	111-SP-001 HP to air compressors	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310111869	111-SP-002	111-SP-002 HP to air compressors	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310111870	111-SP-003	111-SP-003 For BLR#04	D	MECH-05	Pressure Vessel	BOILER # 04 AREA-111	Steam Area	Zone 5
	310111871	111-SP-004	111-SP-003 From common header	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310111872	111-SP-005	111-SP-005 From BLR#03	D	MECH-05	Pressure Vessel	BOILER # 03 AREA-111	Steam Area	Zone 5
	310111873	111-SP-006	111-SP-006 Letdown station inlet	D	MECH-05	Pressure Vessel	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	310111874	111-SP-007	111-SP-007 From BLR#02	D	MECH-05	Pressure Vessel	BOILER # 02 AREA-111	Steam Area	Zone 5
	310111875	111-SP-008	111-SP-008 From common header	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310111876	111-SP-009	111-SP-009 From BLR#01	D	MECH-05	Pressure Vessel	BOILER # 01 AREA-111	Steam Area	Zone 5
	310111877	111-SP-010	111-SP-010 From common header	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310111878	111-SP-011	111-SP-011 N/S piping corridoor	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111879	111-SP-012	111-SP-012 N/S piping corridoor	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111880	111-SP-013	111-SP-013 N/S piping corridoor	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111881	111-SP-014	111-SP-014 E/W piping corrid	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111882	111-SP-015	111-SP-015 E/W piping corrid	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111883	111-SP-016	111-SP-016 E/W piping corrid	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111884	111-SP-017	111-SP-017 E/W piping corrid	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111885	111-SP-018	111-SP-018 E/W piping corrid	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111886	111-SP-019	111-SP-019 E/W piping corrid	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111887	111-SP-020	111-SP-020 E/W piping corrid	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111888	111-SP-021	111-SP-021 E/W piping corrid	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111889	111-SP-022	111-SP-022 E/W piping corrid	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111890	111-SP-023	111-SP-023 TO CW PUMP116-GS-002	D	MECH-05	Pressure Vessel	CHILLER WATER CIRC. PUMP AREA-117	Steam Area	Zone 5
	310111891	111-SP-024	111-SP-024 TO CW PUMP116-GS-002	D	MECH-05	Pressure Vessel	CHILLER WATER CIRC. PUMP AREA-117	Steam Area	Zone 5
	310111892	111-SP-025	111-SP-025 TO CW PUMP116-GS-002	D	MECH-05	Pressure Vessel	CHILLER WATER CIRC. PUMP AREA-117	Steam Area	Zone 5
	310111893	111-SP-026	111-SP-026 TO CW PUMP116-GS-001	D	MECH-05	Pressure Vessel	CHILLER WATER CIRC. PUMP AREA-117	Steam Area	Zone 5
	310111894	111-SP-027	111-SP-027 TO CW PUMP116-GS-001	D	MECH-05	Pressure Vessel	CHILLER WATER CIRC. PUMP AREA-117	Steam Area	Zone 5
	310111895	111-SP-028	111-SP-028 TO CW PUMP116-GS-001	D	MECH-05	Pressure Vessel	CHILLER WATER CIRC. PUMP AREA-117	Steam Area	Zone 5
	310111896	111-SP-029	111-SP-029 TO CCW 117-GS-001	D	MECH-05	Pressure Vessel	CHILLER WATER SYSTEM AREA-117	Steam Area	Zone 5
	310111897	111-SP-030	111-SP-030 TO CCW 117-GS-001	D	MECH-05	Pressure Vessel	CHILLER WATER SYSTEM AREA-117	Steam Area	Zone 5
	310111898	111-SP-031	111-SP-031 TO CCW 117-GS-001	D	MECH-05	Pressure Vessel	CHILLER WATER SYSTEM AREA-117	Steam Area	Zone 5
	310111899	111-SP-032	111-SP-032 TO SEAWATER 115-GS-001	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Steam Area	Zone 5
	310111900	111-SP-033	111-SP-033 TO SEAWATER 115-GS-001	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Steam Area	Zone 5
	310111901	111-SP-034	111-SP-034 TO SEAWATER 115-GS-002	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Steam Area	Zone 5
	310111902	111-SP-035	111-SP-035 TO SEAWATER 115-GS-002	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Steam Area	Zone 5
	310111903	117-SP-001	117-SP-001 TO CHILLER#01	D	MECH-05	Pressure Vessel	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	310111904	117-SP-002	117-SP-002 TO CHILLER#01	D	MECH-05	Pressure Vessel	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	310111905	117-SP-003	117-SP-003 TO CHILLER#02	D	MECH-05	Pressure Vessel	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	310111906	117-SP-004	117-SP-004 TO CHILLER#02	D	MECH-05	Pressure Vessel	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	310111907	111-SP-036	111-SP-036 TO BLR#04	D	MECH-05	Pressure Vessel	BOILER # 04 AREA-111	Steam Area	Zone 5
	310111908	111-SP-037	111-SP-037 TO BLR#03	D	MECH-05	Pressure Vessel	BOILER # 03 AREA-111	Steam Area	Zone 5
	310111909	111-SP-038	111-SP-038 TO BLR#02	D	MECH-05	Pressure Vessel	BOILER # 02 AREA-111	Steam Area	Zone 5
	310111910	111-SP-039	111-SP-039 TO BLR#01	D	MECH-05	Pressure Vessel	BOILER # 01 AREA-111	Steam Area	Zone 5
	310111911	111-SP-040	111-SP-040 MP HEADER	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310111912	111-SP-041	111-SP-041 PIPERACK	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111913	111-SP-042	111-SP-042 PIPERACK	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111914	111-SP-043	111-SP-043 N/S CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111915	111-SP-044	111-SP-044 N/S CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111916	111-SP-045	111-SP-045 N/S CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111917	111-SP-046	111-SP-046 N/S CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111918	111-SP-047	111-SP-047 N/S CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111919	111-SP-048	111-SP-048 N/S CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111920	111-SP-049	111-SP-049 N/S CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111921	111-SP-050	111-SP-050 E/W CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111922	111-SP-051	111-SP-051 E/W CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111923	111-SP-052	111-SP-052 E/W CORRIDOOR TO FLARE	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111924	111-SP-053	111-SP-053 E/W CORRIDOOR TO FLARE	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111925	111-SP-054	111-SP-054 E/W CORRIDOOR TO FLARE	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111926	111-SP-055	111-SP-055 E/W CORRIDOOR TO LPG STORAGE	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111927	111-SP-056	111-SP-056 TO FUEL OIL	D	MECH-05	Pressure Vessel	FUEL OIL SYSTEM AREA-106	Steam Area	Zone 5
	310111928	111-SP-057	111-SP-057 TO FUEL OIL	D	MECH-05	Pressure Vessel	FUEL OIL SYSTEM AREA-106	Steam Area	Zone 5
	310111929	111-SP-058	111-SP-058 TO FUEL OIL	D	MECH-05	Pressure Vessel	FUEL OIL SYSTEM AREA-106	Steam Area	Zone 5
	310111930	111-SP-059	111-SP-059 TO PROCESS WATER	D	MECH-05	Pressure Vessel	PROCESS WATER SYSTEM AREA-113	Steam Area	Zone 5
	310111931	111-SP-060	111-SP-060 TO PROCESS WATER	D	MECH-05	Pressure Vessel	PROCESS WATER SYSTEM AREA-113	Steam Area	Zone 5
	310111932	111-SP-061	111-SP-061 TO PROCESS WATER	D	MECH-05	Pressure Vessel	PROCESS WATER SYSTEM AREA-113	Steam Area	Zone 5
	310111933	111-SP-062	111-SP-062 TO PROCESS WATER	D	MECH-05	Pressure Vessel	PROCESS WATER SYSTEM AREA-113	Steam Area	Zone 5
	310111934	111-SP-063	111-SP-063 DEARATOR PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Steam Area	Zone 5
	310111935	111-SP-064	111-SP-064 DEARATOR PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Steam Area	Zone 5
	310111936	111-SP-065	111-SP-065 DEARATOR PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Steam Area	Zone 5
	310111937	111-SP-066	111-SP-066 DEARATOR PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Steam Area	Zone 5
	310111938	111-SP-067	111-SP-067 TO SEAWATER AUXILARRIES	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Steam Area	Zone 5
	310111939	111-SP-068	111-SP-068 TO SEAWATER AUXILARRIES	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Steam Area	Zone 5
	310111940	111-SP-069	111-SP-069 TO SEAWATER AUXILARRIES	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Steam Area	Zone 5
	310111941	111-SP-070	111-SP-070 TO SEAWATER AUXILARRIES	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Steam Area	Zone 5
	310111942	111-SP-071	111-SP-071 TO SEAWATER AUXILARRIES	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Steam Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310111943	111-SP-072	111-SP-072 TO SEAWATER AUXILARRIES	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Steam Area	Zone 5
	310111944	111-SP-073	111-SP-073 TO CW AUXILARRIES	D	MECH-05	Pressure Vessel	CHILLER WATER SYSTEM AREA-117	Steam Area	Zone 5
	310111945	111-SP-074	111-SP-074 TO CW AUXILARRIES	D	MECH-05	Pressure Vessel	CHILLER WATER SYSTEM AREA-117	Steam Area	Zone 5
	310111946	111-SP-075	111-SP-075 TO CW AUXILARRIES	D	MECH-05	Pressure Vessel	CHILLER WATER SYSTEM AREA-117	Steam Area	Zone 5
	310111947	111-SP-076	111-SP-076 TO CW AUXILARRIES	D	MECH-05	Pressure Vessel	CHILLER WATER SYSTEM AREA-117	Steam Area	Zone 5
	310111948	111-SP-077	111-SP-077 TO CW AUXILARRIES	D	MECH-05	Pressure Vessel	CHILLER WATER SYSTEM AREA-117	Steam Area	Zone 5
	310111949	111-SP-078	111-SP-078 TO CCW AUXILARRIES	D	MECH-05	Pressure Vessel	CHILLER WATER CIRC. PUMP AREA-117	Steam Area	Zone 5
	310111950	111-SP-079	111-SP-079 TO CCW AUXILARRIES	D	MECH-05	Pressure Vessel	CHILLER WATER CIRC. PUMP AREA-117	Steam Area	Zone 5
	310111951	111-SP-080	111-SP-080 TO CCW AUXILARRIES	D	MECH-05	Pressure Vessel	CHILLER WATER CIRC. PUMP AREA-117	Steam Area	Zone 5
	310111952	111-SP-081	111-SP-081 TO CCW AUXILARRIES	D	MECH-05	Pressure Vessel	CHILLER WATER CIRC. PUMP AREA-117	Steam Area	Zone 5
	310111953	111-SP-082	111-SP-082 TO CCW AUXILARRIES	D	MECH-05	Pressure Vessel	CHILLER WATER CIRC. PUMP AREA-117	Steam Area	Zone 5
	310111954	111-SP-083	111-SP-083 TO CW AUXILARRIES	D	MECH-05	Pressure Vessel	CHILLER WATER SYSTEM AREA-117	Steam Area	Zone 5
	310111955	111-SP-084	111-SP-084 TO CW AUXILARRIES	D	MECH-05	Pressure Vessel	CHILLER WATER SYSTEM AREA-117	Steam Area	Zone 5
	310111956	111-SP-085	111-SP-085 TO CW AUXILARRIES	D	MECH-05	Pressure Vessel	CHILLER WATER SYSTEM AREA-117	Steam Area	Zone 5
	310111957	111-SP-086	111-SP-086 TO CW AUXILARRIES	D	MECH-05	Pressure Vessel	CHILLER WATER SYSTEM AREA-117	Steam Area	Zone 5
	310111958	111-SP-087	111-SP-087 TO CW AUXILARRIES	D	MECH-05	Pressure Vessel	CHILLER WATER SYSTEM AREA-117	Steam Area	Zone 5
	310111959	117-SP-005	117-SP-005 TO CHLR#001 AUXILARIES	D	MECH-05	Pressure Vessel	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	310111960	117-SP-006	117-SP-006 TO CHLR#001 AUXILARIES	D	MECH-05	Pressure Vessel	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	310111961	117-SP-007	117-SP-007 TO CHLR#001 AUXILARIES	D	MECH-05	Pressure Vessel	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	310111962	117-SP-008	117-SP-008 TO CHLR#002 AUXILARIES	D	MECH-05	Pressure Vessel	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	310111963	117-SP-009	117-SP-009 TO CHLR#002 AUXILARIES	D	MECH-05	Pressure Vessel	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	310111964	117-SP-010	117-SP-010 TO CHLR#002 AUXILARIES	D	MECH-05	Pressure Vessel	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	310111965	111-SP-088	111-SP-088 LP STEAM HEADER	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310111966	111-SP-089	111-SP-089 LP STEAM HEADER	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310111967	111-SP-090	111-SP-090 LP STEAM HEADER	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310111968	111-SP-091	111-SP-091 LP STEAM HEADER	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310111969	111-SP-092	111-SP-092 LP STEAM HEADER	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310111970	111-SP-093	111-SP-093 LP STEAM HEADER	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310111971	111-SP-094	111-SP-094 to N2 plant	D	MECH-05	Pressure Vessel	NITROGEN SYSTEM AREA-109	Steam Area	Zone 5
	310111972	111-SP-095	111-SP-095 to N2 plant	D	MECH-05	Pressure Vessel	NITROGEN SYSTEM AREA-109	Steam Area	Zone 5
	310111973	111-SP-096	111-SP-096 to N2 plant	D	MECH-05	Pressure Vessel	NITROGEN SYSTEM AREA-109	Steam Area	Zone 5
	310111974	111-SP-097	111-SP-097 TO DEARATOR	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Steam Area	Zone 5
	310111975	111-SP-098	111-SP-098 TO DEARATOR	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Steam Area	Zone 5
	310111976	111-SP-099	111-SP-099 TO DEARATOR	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Steam Area	Zone 5
	310111977	111-SP-100	111-SP-100 LP FROM LETDOWN STATION	D	MECH-05	Pressure Vessel	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	310111978	111-SP-101	111-SP-101 LP FROM LETDOWN STATION	D	MECH-05	Pressure Vessel	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	310111979	111-SP-102	111-SP-102 LP FROM LETDOWN STATION	D	MECH-05	Pressure Vessel	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	310111980	111-SP-103	111-SP-103 N/S PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111981	111-SP-104	111-SP-104 N/S PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111982	111-SP-105	111-SP-105 N/S PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111983	111-SP-106	111-SP-106 N/S PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111984	111-SP-107	111-SP-107 N/S PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111985	111-SP-108	111-SP-108 N/S PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111986	111-SP-109	111-SP-109 N/S PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111987	111-SP-110	111-SP-110 E/W PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111988	111-SP-111	111-SP-111 E/W PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	320123190	120-F-02	120-F-02:SAND TRAP BOX	C	WKSH-05	Pressure Vessel	AEROBIC TREATMENT AREA-120		Zone 5
	320125333	TF2-F-2202	TF2-F-2202 : Sand Trap Box	C	ELEC-05	Pressure Vessel	PIPING SYSTEM		Zone 5
	310111989	111-SP-112	111-SP-112 E/W PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111990	111-SP-113	111-SP-113 E/W PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111991	111-SP-114	111-SP-114 E/W PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111992	111-SP-115	111-SP-115 E/W PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111993	111-SP-116	111-SP-116 E/W PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111994	111-SP-117	111-SP-117 E/W PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111995	111-SP-118	111-SP-118 to propane vaporizor/suph.	D	MECH-05	Pressure Vessel	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310111996	111-SP-119	111-SP-119 to propane vaporizor/superh.	D	MECH-05	Pressure Vessel	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310111997	111-SP-120	111-SP-120 to propane vaporizor/superh.	D	MECH-05	Pressure Vessel	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310111998	111-SP-121	111-SP-121 E/W PIPING CORIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310111999	111-SP-122	111-SP-122 E/W PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310112000	111-SP-123	111-SP-123 E/W PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310112001	111-SP-124	111-SP-124 E/W PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310112002	111-SP-125	111-SP-125 E/W PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310112003	111-SP-126	111-SP-126 E/W PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310112004	111-SP-127	111-SP-127 E/W PIPING CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Steam Area	Zone 5
	310112005	106-SP-001	106-SP-001 FROM FUEL OIL PUMP	D	MECH-05	Pressure Vessel	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	310112006	106-SP-002	106-SP-002 FROM FUEL OIL PUMP	D	MECH-05	Pressure Vessel	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	310112007	106-SP-003	106-SP-003 FROM FUEL OIL PUMP	D	MECH-05	Pressure Vessel	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	310112008	106-SP-004	106-SP-004 FROM FUEL OIL PUMP	D	MECH-05	Pressure Vessel	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	310112009	111-SP-128	111-SP-128 LLP HEADER	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310112010	111-SP-129	111-SP-129 LLP HEADER	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310112011	111-SP-130	111-SP-130 LLP HEADER	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310112012	111-SP-131	111-SP-131 LLP HEADER	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310112013	111-SP-132	111-SP-132 LLP HEADER	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310112014	111-SP-133	111-SP-133 LLP HEADER	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310112015	111-SP-134	111-SP-134 LLP HEADER	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310112016	111-SP-135	111-SP-135 LLP HEADER	D	MECH-05	Pressure Vessel	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310112017	111-SP-136	111-SP-136 FROM DEARATOR FEED PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Steam Area	Zone 5
	310112018	111-SP-137	111-SP-137 FROM DEARATOR FEED PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Steam Area	Zone 5
	310112019	111-SP-138	111-SP-138 FROM DEARATOR FEED PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Steam Area	Zone 5
	310112020	111-SP-139	111-SP-139 FROM DEARATOR FEED PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Steam Area	Zone 5
	310112021	111-SP-140	111-SP-140 FROM DEARATOR FEED PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Steam Area	Zone 5
	310112022	111-SP-141	111-SP-141 FROM DEARATOR FEED PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Steam Area	Zone 5
	310112023	111-SP-142	111-SP-142 FD FAN EXHAUST	D	MECH-05	Pressure Vessel	BOILER # 01 AREA-111	Steam Area	Zone 5
	310112024	111-SP-143	111-SP-143 FD FAN EXHAUST	D	MECH-05	Pressure Vessel	BOILER # 02 AREA-111	Steam Area	Zone 5
	310112025	111-SP-144	111-SP-144 FD FAN EXHAUST	D	MECH-05	Pressure Vessel	BOILER # 03 AREA-111	Steam Area	Zone 5
	310112026	111-SP-145	111-SP-145 FD FAN EXHAUST	D	MECH-05	Pressure Vessel	BOILER # 04 AREA-111	Steam Area	Zone 5
	310112027	111-SP-146	111-SP-146 FD FAN EXHAUST	D	MECH-05	Pressure Vessel	BOILER # 01 AREA-111	Steam Area	Zone 5
	310112028	111-SP-147	111-SP-147 FD FAN EXHAUST	D	MECH-05	Pressure Vessel	BOILER # 02 AREA-111	Steam Area	Zone 5
	310112029	111-SP-148	111-SP-148 FD FAN EXHAUST	D	MECH-05	Pressure Vessel	BOILER # 03 AREA-111	Steam Area	Zone 5
	310112030	111-SP-149	111-SP-149 FD FAN EXHAUST	D	MECH-05	Pressure Vessel	BOILER # 04 AREA-111	Steam Area	Zone 5
	310112031	111-SP-150	111-SP-150 FD FAN EXHAUST	D	MECH-05	Pressure Vessel	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	310112032	111-SP-151	111-SP-151 TO DEARATOR	D	MECH-05	Pressure Vessel	COOLING WATER SYSTEM AREA-116	Steam Area	Zone 5
	310112033	111-SP-152	111-SP-152 TO DEARATOR	D	MECH-05	Pressure Vessel	COOLING WATER SYSTEM AREA-116	Steam Area	Zone 5
	310112034	111-SP-153	111-SP-153 TO DEARATOR	D	MECH-05	Pressure Vessel	COOLING WATER SYSTEM AREA-116	Steam Area	Zone 5
	310112035	111-SP-154	111-SP-154 TO DEARATOR	D	MECH-05	Pressure Vessel	COOLING WATER SYSTEM AREA-116	Steam Area	Zone 5
	310112036	111-SP-155	111-SP-155 TO DEARATOR	D	MECH-05	Pressure Vessel	COOLING WATER SYSTEM AREA-116	Steam Area	Zone 5
	310112037	111-SP-156	111-SP-156 TO DEARATOR	D	MECH-05	Pressure Vessel	COOLING WATER SYSTEM AREA-116	Steam Area	Zone 5
	310112038	111-SP-157	111-SP-157 TO DEARATOR	D	MECH-05	Pressure Vessel	COOLING WATER SYSTEM AREA-116	Steam Area	Zone 5
	310112039	111-SP-158	111-SP-158 TO DEARATOR	D	MECH-05	Pressure Vessel	COOLING WATER SYSTEM AREA-116	Steam Area	Zone 5
	310112040	115-SP-001	115-SP-001 E/W CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Sea Water Area	Zone 5
	310112041	115-SP-002	115-SP-002 E/W CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Sea Water Area	Zone 5
	310112042	115-SP-003	115-SP-003 E/W CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Sea Water Area	Zone 5
	310112043	115-SP-004	115-SP-004 FROM SEA WATER PUMP	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310112044	115-SP-005	115-SP-005 FROM SEA WATER PUMP	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310112045	115-SP-006	115-SP-006 FROM SEA WATER PUMP	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310112046	115-SP-007	115-SP-007 FROM SEA WATER PUMP	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310112047	115-SP-008	115-SP-008 FROM SEA WATER PUMP	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310112048	115-SP-009	115-SP-009 FROM SEA WATER PUMP	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310112049	115-SP-010	115-SP-010 FROM SEA WATER PUMP	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310112050	115-SP-011	115-SP-011 FROM SEA WATER PUMP	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310112051	115-SP-012	115-SP-012 FROM SEA WATER PUMP	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310112052	115-SP-013	115-SP-013 FROM SEA WATER PUMP	D	MECH-05	Pressure Vessel	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310112053	116-SP-001	116-SP-001 FROM CCW PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310112054	116-SP-002	116-SP-002 FROM CCW PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310112055	116-SP-003	116-SP-003 FROM CCW PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310112056	116-SP-004	116-SP-004 FROM CCW PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310112057	116-SP-005	116-SP-005 FROM CCW PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310112058	116-SP-006	116-SP-006 FROM CCW PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310112059	116-SP-007	116-SP-007 FROM CCW PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310112060	116-SP-008	116-SP-008 FROM CCW PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310112061	116-SP-009	116-SP-009 FROM CCW PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310112062	116-SP-010	116-SP-010 FROM CCW PUMP	D	MECH-05	Pressure Vessel	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310112063	117-SP-011	117-SP-011 E/W CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Cooling Water Area 2	Zone 5
	310112064	117-SP-012	117-SP-012 E/W CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Cooling Water Area 2	Zone 5
	310112065	117-SP-013	117-SP-013 E/W CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Cooling Water Area 2	Zone 5
	310112066	117-SP-014	117-SP-014 E/W CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Cooling Water Area 2	Zone 5
	310112067	117-SP-015	117-SP-015 E/W CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Cooling Water Area 2	Zone 5
	310112068	117-SP-016	117-SP-016 E/W CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Cooling Water Area 2	Zone 5
	310112069	117-SP-017	117-SP-017 E/W CORRIDOOR	D	MECH-05	Pressure Vessel	PIPING SYSTEM	Cooling Water Area 2	Zone 5
	310112070	117-SP-018	117-SP-018 FROM CW PUMP	D	MECH-05	Pressure Vessel	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	310112071	117-SP-019	117-SP-019 FROM CW PUMP	D	MECH-05	Pressure Vessel	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	310112072	117-SP-020	117-SP-020 FROM/TO CHLR#001	D	MECH-05	Pressure Vessel	CHILLER A AREA117	Cooling Water Area 2	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310112073	117-SP-021	117-SP-021 FROM/TO CHLR#001	D	MECH-05	Pressure Vessel	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	310112074	117-SP-022	117-SP-022 FROM/TO CHLR#001	D	MECH-05	Pressure Vessel	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	310112075	117-SP-023	117-SP-023 FROM/TO CHLR#001	D	MECH-05	Pressure Vessel	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	310112076	117-SP-024	117-SP-024 FROM/TO CHLR#001	D	MECH-05	Pressure Vessel	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	310112077	117-SP-025	117-SP-025 FROM/TO CHLR#001	D	MECH-05	Pressure Vessel	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	310112078	117-SP-026	117-SP-026 FROM/TO CHLR#002	D	MECH-05	Pressure Vessel	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	310112079	117-SP-027	117-SP-027 FROM/TO CHLR#002	D	MECH-05	Pressure Vessel	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	310112080	117-SP-028	117-SP-028 FROM/TO CHLR#002	D	MECH-05	Pressure Vessel	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	310112081	117-SP-029	117-SP-029 FROM/TO CHLR#002	D	MECH-05	Pressure Vessel	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	310112082	117-SP-030	117-SP-030 FROM/TO CHLR#002	D	MECH-05	Pressure Vessel	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	310112083	117-SP-031	117-SP-031 FROM/TO CHLR#002	D	MECH-05	Pressure Vessel	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	310654020	120-D-118	120-D-118:EXPANSION TANK	C	MECH-05	Pressure Vessel	AEROBIC TREATMENT AREA-120		Zone 5
	310702366	TF2-T-2203	TF2-T-2203:CLOSE DRAIN DRUM	B	MECH-05	Pressure Vessel	PIPING SYSTEM		Zone 5
	310702408	112-D-004	112-D-004: Mixed Bed	D	MECH-05	Pressure Vessel	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310702409	112-D-005	112-D-005: Mixed Bed	D	MECH-05	Pressure Vessel	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310911724	V84-S-1611A/B	V84-S-1611A/B:SALES GAS FILTER	A	MECH-05	Pressure Vessel	PIPING SYSTEM		Zone 5
	320123189	120-F-01	120-F-01:CHEMICAL FILTRATION UNIT	C	WKSH-05	Pressure Vessel	AEROBIC TREATMENT AREA-120		Zone 5
	320125332	TF2-F-2201	TF2-F-2201 : Filtration Unit	C	WKSH-05	Pressure Vessel	PIPING SYSTEM		Zone 5
	320125337	TF2-F-2211	TF2-F-2211 : Chemical Filtration Unit	C	WKSH-05	Pressure Vessel	PIPING SYSTEM		Zone 5
	320125338	TF2-F-2212	TF2-F-2212 : Sand Trap Box	C	WKSH-05	Pressure Vessel	PIPING SYSTEM		Zone 5
	320125345	Y-7203-V1	Y-7203-V1 : Chemical Filtration Unit	C	WKSH-05	Pressure Vessel	PIPING SYSTEM		Zone 5
	320125346	Y-7203-V2	Y-7203-V2 : Sand Trap Box	C	WKSH-05	Pressure Vessel	PIPING SYSTEM		Zone 5
	320125354	134-F-31	134-F-31 : Chemical Filtration Unit	C	WKSH-05	Pressure Vessel	PIPING SYSTEM		Zone 5
	320125355	134-F-32	134-F-32 : Sand Trap Box	C	WKSH-05	Pressure Vessel	PIPING SYSTEM		Zone 5
	320125359	50-F-02	50-F-02 : Sand Trap Box	C	WKSH-05	Pressure Vessel	PIPING SYSTEM	Aromatics Common Unit	Zone 5
PUMP									
31	310062864	000-G-007	000-G-007:SANITARY SUMP PUMP (WAREHOUSE	D	MECH-05	Pump	SANITARY WASTE WATER AREA-000		Zone 5
	310062865	000-G-008	000-G-008:SANITARY SUMP PUMP (WAREHOUSE	D	MECH-05	Pump	SANITARY WASTE WATER AREA-000		Zone 5
	310062866	000-G-009	000-G-009:SANITARY SUMP PUMP (TRANSFER)	D	MECH-05	Pump	SANITARY WASTE WATER AREA-000		Zone 5
	310062867	000-G-010	000-G-010:SANITARY SUMP PUMP (TRANSFER)	D	MECH-05	Pump	SANITARY WASTE WATER AREA-000		Zone 5
	310062868	000-G-011	000-G-011:SANITARY SUMP PUMP (SECURITY)	D	MECH-05	Pump	SANITARY WASTE WATER AREA-000		Zone 5
	310062869	000-G-012	000-G-012:SANITARY SUMP PUMP (SECURITY)	D	MECH-05	Pump	SANITARY WASTE WATER AREA-000		Zone 5
	310062870	000-G-013	000-G-013:SANITARY SUMP PUMP	D	MECH-05	Pump	SANITARY WASTE WATER AREA-000		Zone 5
	310062877	000-G-020	000-G-020:STORM WATER SUMP PUMP	D	MECH-05	Pump	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310062878	000-G-022	000-G-022:CPI OIL DISCH. PUMP (PART OF 1	C	MECH-05	Pump	EFFLUENT STORAGE AREA-120		Zone 5
	310062882	000-G-026	000-G-026:LABORATORY CONTAMINATED WATER	D	MECH-05	Pump	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310062884	000-G-027	000-G-027:LABORATORY CONTAMINATED WATER	D	MECH-05	Pump	SANITARY WASTE WATER AREA-000		Zone 5
	310062887	000-G-028	000-G-028:STORM WATER SUMP PUMP	D	MECH-05	Pump	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310062889	000-G-029	000-G-029:STORM WATER SUMP PUMP	D	MECH-05	Pump	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310062892	000-G-030	000-G-030:CPI OIL DISCH. PUMP (PART OF 1	C	MECH-05	Pump	EFFLUENT STORAGE AREA-120		Zone 5
	310062895	000-G-031	000-G-031:SANITARY SUMP PUMP	D	MECH-05	Pump	SANITARY WASTE WATER AREA-000		Zone 5
	310062897	000-G-032	000-G-032:SANITARY SUMP PUMP	D	MECH-05	Pump	SANITARY WASTE WATER AREA-000		Zone 5
	310062900	000-G-033	000-G-033:SANITARY SUMP PUMP	D	MECH-05	Pump	SANITARY WASTE WATER AREA-000		Zone 5
	310062902	000-G-034	000-G-034:SANITARY SUMP PUMP	D	MECH-05	Pump	SANITARY WASTE WATER AREA-000		Zone 5
	310062912	000-G-038	000-G-038:STORM WATER SUMP PUMP	D	MECH-05	Pump	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310062920	000-G-041	000-G-041:SEAWATER STORM WATER SUMP PUMP	C	MECH-05	Pump	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310062922	000-G-042	000-G-042:SEAWATER STORM WATER SUMP PUMP	C	MECH-05	Pump	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310062925	120-G-043	120-G-043:POND EFFLUENT TRANSFER PUMP	C	MECH-05	Pump	EFFLUENT STORAGE AREA-120		Zone 5
	310062927	000-G-051	000-G-051:CORRIDOR DE-WATERING PUMP	C	MECH-05	Pump	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310062930	000-G-052	000-G-052:CORRIDOR DE-WATERING PUMP	C	MECH-05	Pump	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310064889	106-G-004	106-G-004:FUEL PUMP C6 / C7	D	MECH-05	Pump	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	310065044	108-G-001	108-G-001:DIESEL UNLOADING PUMP	B	MECH-05	Pump	DIESEL SYSTEM AREA-108		Zone 5
	310065045	108-G-002	108-G-002:DIESEL UNLOADING PUMP	B	MECH-05	Pump	DIESEL SYSTEM AREA-108		Zone 5
	310065046	108-G-004	108-G-004:DIESEL TRANSFER PUMP	B	MECH-05	Pump	DIESEL SYSTEM AREA-108		Zone 5
	310065097	109-G-004	109-G-004:CONDENSATE PUMP	B	MECH-05	Pump	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	310065770	111-G-009	111-G-009:BOILER FEED WATER PUMP	A	MECH-05	Pump	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	310065773	111-G-010	111-G-010:BFW CHEMICAL INJECTION PUMP	D	MECH-05	Pump	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	310065774	111-G-011	111-G-011:BFW CHEMICAL INJECTION PUMP	D	MECH-05	Pump	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	310065776	111-G-931	111-G-931:PHOSPHATE (PO4) DOSING PUMP	A	MECH-05	Pump	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	310065779	111-G-932	111-G-932:PHOSPHATE (PO4) DOSING PUMP	A	MECH-05	Pump	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	310065894	111-G-001	111-G-001:DEAERATOR FEED PUMP	B	MECH-05	Pump	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	310065896	111-G-002	111-G-002:DEAERATOR FEED PUMP	D	MECH-05	Pump	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	310065899	111-G-003	111-G-003:DEAERATOR FEED PUMP	D	MECH-05	Pump	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	310065902	111-G-004	111-G-004:BOILER FEED WATER PUMP	A	MECH-05	Pump	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	310065904	111-G-005	111-G-005:BOILER FEED WATER PUMP	A	MECH-05	Pump	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	310065907	111-G-006	111-G-006:BOILER FEED WATER PUMP	A	MECH-05	Pump	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	310065909	111-G-007	111-G-007:LP CONDENSATE PUMP	D	MECH-05	Pump	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	310065912	111-G-008	111-G-008:LP CONDENSATE PUMP	D	MECH-05	Pump	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	310067059	111-Y-007	111-Y-007:CHEMICAL DOSING PACKAGE FOR BO	A	MECH-05	Pump	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	310067080	112-G-003	112-G-003:NEUTRALISATION SUMP PUMP	B	MECH-05	Pump	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310067081	112-G-004	112-G-004:NEUTRALISATION PUMP	B	MECH-05	Pump	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310067086	113-G-003	113-G-003:PROCESS WATER PUMP	B	MECH-05	Pump	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	310067098	113-G-001	113-G-001:PROCESS WATER PUMP	B	MECH-05	Pump	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	310067099	113-G-002	113-G-002:PROCESS WATER PUMP	B	MECH-05	Pump	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	310067103	115-G-001	115-G-001:SEA WATER COOLING PUMP	A	MECH-05	Pump	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310067104	115-G-002	115-G-002:SEA WATER COOLING PUMP	A	MECH-05	Pump	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310067105	115-G-003	115-G-003:SEA WATER COOLING PUMP	A	MECH-05	Pump	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310067122	116-G-019	116-G-019:LUBE OIL PUMP	B	MECH-05	Pump	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310067123	116-G-021	116-G-021:BIOCIDE DOSING PUMP	A	MECH-05	Pump	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067124	116-G-023	116-G-023:CORROSION INHIBITOR DOSING PUM	A	MECH-05	Pump	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067142	116-G-011	116-G-011:CW PUMP BUSH LEAKAGE PUMP	C	MECH-05	Pump	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310067143	116-G-012	116-G-012:CW PUMP BUSH LEAKAGE PUMP	C	MECH-05	Pump	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310067144	116-G-015	116-G-015:CORROSION INHIBITOR DOSING PUM	A	MECH-05	Pump	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067145	116-G-016	116-G-016:CORROSION INHIBITOR DOSING PUM	A	MECH-05	Pump	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067146	116-G-017	116-G-017:TURBINE CONDENSATE PUMP	B	MECH-05	Pump	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310067147	116-G-018	116-G-018:TURBINE CONDENSATE PUMP	B	MECH-05	Pump	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310067206	117-G-001	117-G-001:CHILLED WATER CIRCULATION PUMP	A	MECH-05	Pump	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	310067207	117-G-002	117-G-002:CHILLED WATER CIRCULATION PUMP	A	MECH-05	Pump	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310067208	117-G-003	117-G-003:TURBINE CONDENSATE PUMP	B	MECH-05	Pump	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310067209	117-G-004	117-G-004:TURBINE CONDENSATE PUMP	B	MECH-05	Pump	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310067210	117-G-005	117-G-005:MAIN LUBE OIL PUMP	B	MECH-05	Pump	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310067255	119-G-006	119-G-006:PTA FLARE KNOCK OUT DRUM PUMP	C	MECH-05	Pump	FLARE SYSTEM AREA-119		Zone 5
	310067256	119-G-007	119-G-007:LP FLARE SURGE DRUM PUMP	C	MECH-05	Pump	FLARE SYSTEM AREA-119		Zone 5
	310067257	119-G-008	119-G-008:LP FLARE SURGE DRUM PUMP	C	MECH-05	Pump	FLARE SYSTEM AREA-119		Zone 5
	310067260	119-G-001	119-G-001:HP FLARE KNOCKOUT DRUM PUMP	D	MECH-05	Pump	FLARE SYSTEM AREA-119		Zone 5
	310067261	119-G-002	119-G-002:HP FLARE KNOCKOUT DRUM PUMP	D	MECH-05	Pump	FLARE SYSTEM AREA-119		Zone 5
	310067262	119-G-003	119-G-003:LP FLARE KNOCKOUT DRUM PUMP	D	MECH-05	Pump	FLARE SYSTEM AREA-119		Zone 5
	310067263	119-G-004	119-G-004:LP FLARE KNOCKOUT DRUM PUMP	D	MECH-05	Pump	FLARE SYSTEM AREA-119		Zone 5
	310067264	119-G-005	119-G-005:PTA FLARE KNOCK OUT DRUM PUMP	C	MECH-03	Pump	FLARE SYSTEM AREA-119		Zone 5
	310067410	120-G-004	120-G-004:HYDROXIDE SLUDGE PUMP	C	MECH-05	Pump	PRETREATMENT AREA AREA-120		Zone 5
	310067411	120-G-005	120-G-005:DIGESTER FEED PUMP	C	MECH-05	Pump	ANAEROBIC TREATMENT AREA-120		Zone 5
	310067412	120-G-006	120-G-006:DIGESTER FEED PUMP	C	MECH-05	Pump	ANAEROBIC TREATMENT AREA-120		Zone 5
	310067413	120-G-007	120-G-007:DIGESTER SLUDGE PUMP	C	MECH-05	Pump	ANAEROBIC TREATMENT AREA-120		Zone 5
	310067414	120-G-008	120-G-008:DIGESTER SLUDGE PUMP	C	MECH-05	Pump	ANAEROBIC TREATMENT AREA-120		Zone 5
	310067415	120-G-009	120-G-009:ANOXIC SUMP PUMP	C	MECH-05	Pump	ANAEROBIC TREATMENT AREA-120		Zone 5
	310067416	120-G-010	120-G-010:ANOXIC SUMP PUMP	C	MECH-05	Pump	ANAEROBIC TREATMENT AREA-120		Zone 5
	310067417	120-G-011	120-G-011:WASTE ACTIVATED SLUDGE PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310067418	120-G-012	120-G-012:WASTE ACTIVATED SLUDGE PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310067419	120-G-013	120-G-013:WASTE ACTIVATED SLUDGE PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310067420	120-G-024	120-G-024:SULFURIC ACID DOSING PUMP	C	MECH-05	Pump	PRETREATMENT AREA AREA-120		Zone 5
	310067421	120-G-025	120-G-025:POLLY ELECTROLYTE DOSING PUMP	C	MECH-05	Pump	PRETREATMENT AREA AREA-120		Zone 5
	310067422	120-G-026	120-G-026:POLLY ELECTROLYTE DOSING PUMP	C	MECH-05	Pump	PRETREATMENT AREA AREA-120		Zone 5
	310067423	120-G-027	120-G-027:NUTRIENT DOSING PUMP	C	MECH-05	Pump	PRETREATMENT AREA AREA-120		Zone 5
	310067424	120-G-028	120-G-028:NUTRIENT DOSING PUMP	C	MECH-05	Pump	PRETREATMENT AREA AREA-120		Zone 5
	310067425	120-G-029	120-G-029:NUTRIENT DOSING PUMP	C	MECH-05	Pump	PRETREATMENT AREA AREA-120		Zone 5
	310067426	120-G-030	120-G-030:POLLY ELECTROLYTE DOSING PUMP	C	MECH-05	Pump	PRETREATMENT AREA AREA-120		Zone 5
	310067427	120-G-031	120-G-031:POLLY ELECTROLYTE DOSING PUMP	C	MECH-05	Pump	PRETREATMENT AREA AREA-120		Zone 5
	310067428	120-G-032	120-G-032:PRESS WASH WATER PUMP	C	MECH-05	Pump	PRETREATMENT AREA AREA-120		Zone 5
	310067429	120-G-033	120-G-033:SITE DRAINAGE SUMP PUMP	C	MECH-05	Pump	EFFLUENT STORAGE AREA-120		Zone 5
	310067441	120-G-001	120-G-001:BALANCE TANK RECIRCULATION PUM	B	MECH-05	Pump	PRETREATMENT AREA AREA-120		Zone 5
	310067442	120-G-002	120-G-002:BALANCE TANK RECIRCULATION PUM	B	MECH-05	Pump	PRETREATMENT AREA AREA-120		Zone 5
	310067443	120-G-003	120-G-003:HYDROXIDE SLUDGE PUMP	C	MECH-05	Pump	PRETREATMENT AREA AREA-120		Zone 5
	310067444	120-G-014	120-G-014:WASTE ACTIVATED SLUDGE PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310067445	120-G-015	120-G-015:FINAL DISCHARGE PUMP	C	MECH-05	Pump	EFFLUENT STORAGE AREA-120		Zone 5
	310067446	120-G-016	120-G-016:FINAL DISCHARGE PUMP	C	MECH-05	Pump	EFFLUENT STORAGE AREA-120		Zone 5
	310067447	120-G-017	120-G-017:FINAL DISCHARGE PUMP	C	MECH-05	Pump	EFFLUENT STORAGE AREA-120		Zone 5
	310067448	120-G-018	120-G-018:FINAL DISCHARGE PUMP	C	MECH-05	Pump	EFFLUENT STORAGE AREA-120		Zone 5
	310067449	120-G-019	120-G-019:BELT PRESS FEED PUMP	C	MECH-05	Pump	BELT PRESS PROCESS AREA-120		Zone 5
	310067450	120-G-020	120-G-020:BELT PRESS FEED PUMP	C	MECH-05	Pump	BELT PRESS PROCESS AREA-120		Zone 5
	310067451	120-G-021	120-G-021:SODIUM HYDROXIDE DOSING PUMP	C	MECH-05	Pump	PRETREATMENT AREA AREA-120		Zone 5
	310067452	120-G-022	120-G-022:SODIUM HYDROXIDE DOSING PUMP	C	MECH-05	Pump	PRETREATMENT AREA AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310067453	120-G-023	120-G-023:SULFURIC ACID DOSING PUMP	C	MECH-05	Pump	PRETREATMENT AREA AREA-120		Zone 5
	310067454	120-G-034	120-G-034:SITE DRAINAGE SUMP PUMP	C	MECH-05	Pump	EFFLUENT STORAGE AREA-120		Zone 5
	310067455	120-G-035	120-G-035:SITE DRAINAGE SUMP PUMP	C	MECH-05	Pump	EFFLUENT STORAGE AREA-120		Zone 5
	310067457	120-G-036	120-G-036:SITE DRAINAGE SUMP PUMP	C	MECH-05	Pump	EFFLUENT STORAGE AREA-120		Zone 5
	310067458	120-G-040	120-G-040:DRAINAGE SUMP PUMP	C	MECH-05	Pump	EFFLUENT STORAGE AREA-120		Zone 5
	310068147	122-G-001	122-G-001:FUEL INJECTOR PUMP	B	MECH-05	Pump	EMERGENCY POWER SYSTEM AREA-122		Zone 5
	310068148	122-G-002	122-G-002:HAND PUMP	D	MECH-05	Pump	EMERGENCY POWER SYSTEM AREA-122		Zone 5
	310080282	108-G-003	108-G-003:DIESEL UNLOADING PUMP	B	MECH-05	Pump	DIESEL SYSTEM AREA-108		Zone 5
	310080291	109-G-001	109-G-001:LIQUID NITROGEN TRANSFER PUMP	B	MECH-05	Pump	STORAGE AREA AREA-109	N2 Plant	Zone 5
	310080295	110-G-006	110-G-006:COMPRESSOR 3 AUXILIARY LUBE OI	B	MECH-05	Pump	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310080305	106-G-001	106-G-001:FUEL PUMP C10 +	B	MECH-05	Pump	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	310080307	106-G-002	106-G-002:FUEL PUMP C10 +	B	MECH-05	Pump	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	310080309	106-G-003	106-G-003:FUEL PUMP C6 / C7	D	MECH-05	Pump	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	310080311	109-G-002	109-G-002:LIQUID NITROGEN TRANSFER PUMP	B	MECH-05	Pump	STORAGE AREA AREA-109	N2 Plant	Zone 5
	310080313	109-G-003	109-G-003:LIQUID NITROGEN TRANSFER PUMP	B	MECH-05	Pump	STORAGE AREA AREA-109	N2 Plant	Zone 5
	310080314	109-G-005	109-G-005:COMPRESSOR MAIN LUBE OIL PUMP	B	MECH-05	Pump	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	310080316	109-G-006	109-G-006:COMPRESSOR AUXILIARY LUBE OIL	B	MECH-05	Pump	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	310080318	109-G-007	109-G-007:EXPANDER LUBE OIL PUMP	B	MECH-05	Pump	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	310080319	109-G-008	109-G-008:EXPANDER LUBE OIL PUMP	B	MECH-05	Pump	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	310080323	110-G-001	110-G-001:COMPRESSOR 1 MAIN LOBE OIL PUM	B	MECH-05	Pump	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310080325	110-G-002	110-G-002:COMPRESSOR 2 MAIN LOBE OIL PUM	B	MECH-05	Pump	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310080327	110-G-003	110-G-003:COMPRESSOR 3 MAIN LUBE OIL PUM	B	MECH-05	Pump	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310080328	110-G-004	110-G-004:COMPRESSOR 1 AUXILIARY LUBE OI	B	MECH-05	Pump	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310080330	110-G-005	110-G-005:COMPRESSOR 2 AUXILIARY LUBE OI	B	MECH-05	Pump	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310080488	112-G-001	112-G-001:DEMIN. WATER PUMP	B	MECH-05	Pump	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310080489	112-G-002	112-G-002:DEMIN. WATER PUMP	B	MECH-05	Pump	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310080514	114-G-001	114-G-001:POTABLE WATER PUMP	B	MECH-05	Pump	POTABLE WATER AREA-114	Potable water Area	Zone 5
	310080518	115-G-013	115-G-013:SEA WATER HEADER HYPOCLORITE D	A	MECH-05	Pump	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310080519	115-G-014	115-G-014:SEA WATER HEADER HYPOCLORITE D	A	MECH-05	Pump	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310080520	115-G-015	115-G-015:SEA WATER HEADER HYPOCLORITE D	A	MECH-05	Pump	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310080521	115-G-016	115-G-016:SEA WATER HEADER HYPOCLORITE D	A	MECH-05	Pump	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310080539	114-G-002	114-G-002:POTABLE WATER PUMP	B	MECH-05	Pump	POTABLE WATER AREA-114	Potable water Area	Zone 5
	310080574	116-G-002	116-G-002:COOLING WATER CIRCULATION PUMP	A	MECH-05	Pump	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310080575	116-G-003	116-G-003:COOLING WATER CIRCULATION PUMP	A	MECH-05	Pump	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310080576	116-G-013	116-G-013:BIOCIDE DOSING PUMP	A	MECH-05	Pump	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310080577	116-G-014	116-G-014:BIOCIDE DOSING PUMP	A	MECH-05	Pump	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310080596	116-G-001	116-G-001:COOLING WATER CIRCULATION PUMP	A	MECH-05	Pump	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310080630	124-G-001	124-G-001:CAUSTIC UNLOADING PUMP	B	MECH-05	Pump	CAUSTIC SYSTEM AREA-124		Zone 5
	310080631	124-G-003	124-G-003:CAUSTIC TRANSFER PUMP	C	MECH-05	Pump	CAUSTIC SYSTEM AREA-124		Zone 5
	310080632	124-G-004	124-G-004:CAUSTIC TRANSFER PUMP	C	MECH-05	Pump	CAUSTIC SYSTEM AREA-124		Zone 5
	310080656	123-G-005	123-G-005:H2S04 TRANSFER PUMP	C	MECH-05	Pump	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310080658	123-G-006	123-G-006:H2S04 TRANSFER PUMP	C	MECH-05	Pump	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310080659	123-G-007	123-G-007:H2S04 UNLOADING PUMP	B	MECH-05	Pump	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310082447	115-G-010	115-G-010:AUXILIARY LUBE OIL PUMP	B	MECH-05	Pump	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082448	115-G-019	115-G-019:LUBE OIL PUMP	B	MECH-05	Pump	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082449	115-G-009	115-G-009:MAIN LUBE OIL PUMP	B	MECH-05	Pump	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082450	115-G-020	115-G-020:LUBE OIL PUMP (DIRECT DRIVE)	B	MECH-05	Pump	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082531	115-G-017	115-G-017:TURBINE CONDENSATE PUMP	B	MECH-05	Pump	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082532	115-G-018	115-G-018:TURBINE CONDENSATE PUMP	B	MECH-05	Pump	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082533	115-G-007	115-G-007:TURBINE CONDENSATE PUMP	B	MECH-05	Pump	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082534	115-G-008	115-G-008:TURBINE CONDENSATE PUMP	B	MECH-05	Pump	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310082547	116-G-007	116-G-007:TURBINE CONDENSATE PUMP	B	MECH-05	Pump	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082548	116-G-008	116-G-008:TURBINE CONDENSATE PUMP	B	MECH-05	Pump	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082549	116-G-009	116-G-009:MAIN LUBE OIL PUMP	B	MECH-05	Pump	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082550	116-G-010	116-G-010:AUXILIARY LUBE OIL PUMP	B	MECH-05	Pump	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082551	116-G-020	116-G-020:LUBE OIL PUMP (DIRECT DRIVE)	B	MECH-05	Pump	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310248800	111-G-045	111-G-045: FD FAN TURBINE LUBE OIL PUMP	D	MECH-05	Pump	BOILER # 01 AREA-111	Steam Area	Zone 5
	310248801	111-G-046	111-G-046: FD FAN TURBINE LUBE OIL PUMP	D	MECH-05	Pump	BOILER # 02 AREA-111	Steam Area	Zone 5
	310248803	111-G-047	111-G-047: FD FAN TURBINE LUBE OIL PUMP	D	MECH-05	Pump	BOILER # 03 AREA-111	Steam Area	Zone 5
	310248808	111-G-048	111-G-048: FD FAN TURBINE LUBE OIL PUMP	D	MECH-05	Pump	BOILER # 04 AREA-111	Steam Area	Zone 5
	310311090	117-G-100	117-G-100:CHILLED WATER BUSH LEAKAGE PUM	B	MECH-05	Pump	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310311091	116-G-100	116-G-100:COOLING WATER BUSH LEAKAGE PUM	C	MECH-05	Pump	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310404797	111-G-936	111-G-936: Eleminox chemical dosing pump	D	MECH-05	Pump	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310404798	111-G-937	111-G-937: Eleminox chemical dosing pump	D	MECH-05	Pump	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	310653947	120-G-101A	120-G-101A:PTA DEWATERING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653948	120-G-101B	120-G-101B:PTA DEWATERING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653949	120-G-101C	120-G-101C:PTA DEWATERING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653950	120-G-111A	120-G-111A:SLUDGE PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653951	120-G-111B	120-G-111B:SLUDGE PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653952	120-G-111C	120-G-111C:SLUDGE PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653953	120-G-111D	120-G-111D:SLUDGE PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653954	120-G-111E	120-G-111E:SLUDGE PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653955	120-G-111F	120-G-111F:SLUDGE PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653956	120-G-112A	120-G-112A:LIFT PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653957	120-G-112B	120-G-112B:LIFT PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653958	120-G-114A	120-G-114A:TRANSFER PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653959	120-G-114B	120-G-114B:TRANSFER PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653960	120-G-117A	120-G-117A:LIFT PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653961	120-G-117B	120-G-117B:LIFT PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653962	120-G-125A	120-G-125A:TRANSFER PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653963	120-G-125B	120-G-125B:TRANSFER PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653964	120-G-126A	120-G-126A:TRANSFER PUMP	B	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653965	120-G-126B	120-G-126B:TRANSFER PUMP	B	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653966	120-G-131A1	120-G-131A1:AERATION RECYCLING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653967	120-G-131A2	120-G-131A2:AERATION RECYCLING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653968	120-G-131A3	120-G-131A3:AERATION RECYCLING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653969	120-G-131A4	120-G-131A4:AERATION RECYCLING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653970	120-G-131B1	120-G-131B1:AERATION RECYCLING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653971	120-G-131B2	120-G-131B2:AERATION RECYCLING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653972	120-G-131B3	120-G-131B3:AERATION RECYCLING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653973	120-G-131B4	120-G-131B4:AERATION RECYCLING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653974	120-G-131A5	120-G-131A5:AERATION RECYCLING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653975	120-G-131A6	120-G-131A6:AERATION RECYCLING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653976	120-G-131A7	120-G-131A7:AERATION RECYCLING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653977	120-G-131A8	120-G-131A8:AERATION RECYCLING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653978	120-G-131B5	120-G-131B5:AERATION RECYCLING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653979	120-G-131B6	120-G-131B6:AERATION RECYCLING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653980	120-G-131B7	120-G-131B7:AERATION RECYCLING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653981	120-G-131B8	120-G-131B8:AERATION RECYCLING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653982	120-G-133A	120-G-133A:SLUDGE PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653983	120-G-133B	120-G-133B:SLUDGE PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653984	120-G-134A	120-G-134A:EFFLUENT PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653985	120-G-134B	120-G-134B:EFFLUENT PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653986	120-G-145A	120-G-145A:BELT WASH PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653987	120-G-145B	120-G-145B:BELT WASH PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653988	120-G-145C	120-G-145C:BELT WASH PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653989	120-G-168A	120-G-168A:DRAINAGE PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653990	120-G-168B	120-G-168B:DRAINAGE PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653991	120-G-116A	120-G-116A:CHILLED WATER TRANSFER PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653992	120-G-116B	120-G-116B:CHILLED WATER TRANSFER PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653993	120-G-123A	120-G-123A:SLUDGE PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653994	120-G-123B	120-G-123B:SLUDGE PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653995	120-G-141A	120-G-141A:DEWATERING FEED PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653996	120-G-141B	120-G-141B:DEWATERING FEED PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653997	120-G-141C	120-G-141C:DEWATERING FEED PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653998	120-G-147A	120-G-147A:DEWATERING AGENT DOSING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310653999	120-G-147B	120-G-147B:DEWATERING AGENT DOSING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654000	120-G-147C	120-G-147C:DEWATERING AGENT DOSING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654001	120-G-166A	120-G-166A:PAM DOSING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654002	120-G-166B	120-G-166B:PAM DOSING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654003	120-G-161A	120-G-161A:HCL DOSING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654004	120-G-161B	120-G-161B:HCL DOSING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654005	120-G-162A	120-G-162A:NAOH DOSING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654006	120-G-162B	120-G-162B:NAOH DOSING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654007	120-G-162C	120-G-162C:NAOH DOSING PUMP	A	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654008	120-G-163A	120-G-163A:NUTRIENT DOSING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654009	120-G-163B	120-G-163B:NUTRIENT DOSING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654010	120-G-164A	120-G-164A:PAC DOSING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654011	120-G-164B	120-G-164B:PAC DOSING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654012	120-G-165A	120-G-165A:HEAVY METAL CAPTURING AGENTS	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654013	120-G-165B	120-G-165B:HEAVY METAL CAPTURING AGENTS	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654014	120-G-170A	120-G-170A:SANITARY TRANSFER PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310654015	120-G-170B	120-G-170B:SANITARY TRANSFER PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654016	120-G-171	120-G-171:HCL UNLOADING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654017	120-G-173	120-G-173:NUTRIENT UNLOADING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654018	120-G-174	120-G-174:PAC UNLOADING PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654019	120-G-175	120-G-175:HEAVY METAL CAPTURING AGENTS U	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654049	120-G-152A	120-G-152A:AROMATIC WW. PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654050	120-G-152B	120-G-152B:AROMATIC WW. PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654051	120-G-154A	120-G-154A:AROMATIC WW. TRANSFER PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654052	120-G-154B	120-G-154B:AROMATIC WW. TRANSFER PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654053	120-G-153A	120-G-153A:OIL TRANSFER PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654054	120-G-153B	120-G-153B:OIL TRANSFER PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654055	120-G-156A	120-G-156A:BTX TRANSFER PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310654056	120-G-156B	120-G-156B:BTX TRANSFER PUMP	C	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310655095	112-G-009	112-G-009:DEMINERALISED WATER PUMP	C	MECH-02	Pump	STORAGE AREA AREA-109	Deaminraize Area	Zone 5
	310655099	113-G-004	113-G-004:PROCESS WATER PUMP	C	MECH-02	Pump	STORAGE AREA AREA-109	Process Water Area	Zone 5
	310702382	TF2-P-001	TF2-P-001:Raffinate Export Pumps	B	MECH-05	Pump	PIPING SYSTEM		Zone 5
	310702383	TF2-P-002	TF2-P-002:Raffinate Export Pumps	B	MECH-05	Pump	PIPING SYSTEM		Zone 5
	310702384	G-2955A	G-2955A:MEG Transfer Pumps	B	MECH-05	Pump	PIPING SYSTEM		Zone 5
	310702385	G-2955B	G-2955B:MEG Transfer Pumps	B	MECH-05	Pump	PIPING SYSTEM		Zone 5
	310702405	112-G-010	112-G-010: Neutralization Sump Pump	C	MECH-05	Pump	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310702406	112-G-011	112-G-011: Neutralization Acid Dosing Pu	C	MECH-05	Pump	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310702407	112-G-012	112-G-012: Neutralization Caustic Dosing	C	MECH-05	Pump	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310702415	112-G-013	112-G-013: New Reinse Recycle Pump	D	MECH-05	Pump	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310702416	112-G-014	112-G-014: New Reinse Recycle Pump	D	MECH-05	Pump	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310705084	103-G-013	103-G-013:Paraxylene Feed Pumps	B	MECH-05	Pump	AROMATICS/UTY B.L INTERFACE AREA-131	Tankage Area	Zone 5
	310705085	103-G-014	103-G-014:Paraxylene Feed Pumps	B	MECH-05	Pump	AROMATICS/UTY B.L INTERFACE AREA-131	Tankage Area	Zone 5
	310705088	112-G-005	112-G-005:Acid Regeneration Dosing Pump	A	MECH-05	Pump	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310705089	112-G-006	112-G-006:Acid Regeneration Dosing Pump	A	MECH-05	Pump	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310705090	112-G-007	112-G-007:Caustic Regeneration Dosing Pu	A	MECH-05	Pump	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310705091	112-G-008	112-G-008:Caustic Regeneration Dosing Pu	A	MECH-05	Pump	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310874895	120-Y-102A2	120-Y-102A2:Hydraulic pump	D	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310874898	120-Y-102A3	120-Y-102A3:Hydraulic pump	D	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310874899	120-Y-102B3	120-Y-102B3:Hydraulic pump	D	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
	310874905	120-Y-102B2	120-Y-102B2:Hydraulic pump	D	MECH-05	Pump	AEROBIC TREATMENT AREA-120		Zone 5
RELAY AND SUBSTATION									
32	320104127	000-PFC-001	000-PFC-001, Power Factor Correction	D	ELEC-05	Relays & Substation	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320104128	000-PFC-002	000-PFC-002 CAPACITOR BANK	B	ELEC-05	Relays & Substation	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320114063	115-TS-0275	115-TS-0275: Test Station - 75	D	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114064	115-TS-0276	115-TS-0276: Test Station - 76	C	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114065	115-TS-0277	115-TS-0277: Test Station - 77	C	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114067	115-TS-0279	115-TS-0279: Test Station - 79	C	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114069	115-TS-0280	115-TS-0280: Test Station - 280	C	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114070	115-TS-0281	115-TS-0281: Test Station - 281	C	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114071	115-TS-0282	115-TS-0282: Test Station - 282	C	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114072	115-TS-0283	115-TS-0283: Test Station - 283	C	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114073	115-TS-0284-A	115-TS-0284-A: Test Station - 284-A	C	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114074	115-TS-0284	115-TS-0284: Test Station - 284	D	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114077	115-TS-0286	115-TS-0286: Test Station -0286	C	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114078	115-TS-0287	115-TS-0287: Test Station - 287	C	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114079	115-TS-0288	115-TS-0288: Test Station -288	C	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114089	107-TS-048	107-TS-048: Test Station - 48	D	ELEC-02	Relays & Substation	FUEL GAS SYSTEM AREA-107		Zone 5
	320114090	107-TS-049	107-TS-049: Test Station - 49	D	ELEC-02	Relays & Substation	FUEL GAS SYSTEM AREA-107		Zone 5
	320114091	109-TS-050	109-TS-050: Test Station - 50	D	ELEC-02	Relays & Substation	STORAGE AREA AREA-109	N2 Plant	Zone 5
	320114092	110-TS-051	110-TS-051: Test Station - 51	D	ELEC-02	Relays & Substation	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	320114093	113-TS-052	113-TS-052: Test Station - 52	D	ELEC-02	Relays & Substation	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	320114094	114-TS-053	114-TS-053: Test Station - 53	D	ELEC-02	Relays & Substation	POTABLE WATER AREA-114	Potable water Area	Zone 5
	320114095	115-TS-054	115-TS-054: Test Station - 54	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114096	111-TS-055	111-TS-055: Test Station - 55	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114097	111-TS-056	111-TS-056: Test Station - 56	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114098	111-TS-057	111-TS-057: Test Station - 57	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114099	111-TS-058	111-TS-058: Test Station - 58	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114100	111-TS-059	111-TS-059: Test Station - 59	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114101	111-TS-060	111-TS-060: Test Station - 60	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114102	111-TS-061	111-TS-061: Test Station - 61	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114103	111-TS-062	111-TS-062: Test Station - 62	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114104	111-TS-063	111-TS-063: Test Station - 63	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114105	111-TS-064	111-TS-064: Test Station - 64	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114106	111-TS-065	111-TS-065: Test Station - 65	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114107	111-TS-066	111-TS-066: Test Station - 66	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114108	111-TS-067	111-TS-067: Test Station - 67	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114109	111-TS-068	111-TS-068: Test Station - 68	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114110	111-TS-069	111-TS-069: Test Station - 69	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114111	111-TS-069-A	111-TS-069-A: Test Station - 69 A	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114112	111-TS-070	111-TS-070: Test Station - 70	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114113	111-TS-071	111-TS-071: Test Station - 71	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114114	111-TS-072	111-TS-072: Test Station - 72	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114115	111-TS-073	111-TS-073: Test Station - 73	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114116	111-TS-074	111-TS-074: Test Station - 74	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114117	111-TS-075	111-TS-075: Test Station - 75	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114118	111-TS-076	111-TS-076: Test Station - 76	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114119	111-TS-077	111-TS-077: Test Station - 77	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114120	111-TS-078	111-TS-078: Test Station - 78	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114121	111-TS-079	111-TS-079: Test Station - 79	D	ELEC-02	Relays & Substation	BOILER # 01 AREA-111	Steam Area	Zone 5
	320114122	116-TS-080	116-TS-080: Test Station - 80	D	ELEC-02	Relays & Substation	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320114123	116-TS-081	116-TS-081: Test Station - 81	D	ELEC-02	Relays & Substation	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320114124	116-TS-082	116-TS-082: Test Station - 82	D	ELEC-02	Relays & Substation	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320114125	116-TS-083	116-TS-083: Test Station - 83	D	ELEC-02	Relays & Substation	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320114126	116-TS-084	116-TS-084: Test Station - 84	D	ELEC-02	Relays & Substation	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320114127	116-TS-085	116-TS-085: Test Station - 85	D	ELEC-02	Relays & Substation	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320114128	116-TS-086	116-TS-086: Test Station - 86	D	ELEC-02	Relays & Substation	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320114129	116-TS-087	116-TS-087: Test Station - 87	D	ELEC-02	Relays & Substation	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320114130	116-TS-088	116-TS-088: Test Station - 88	D	ELEC-02	Relays & Substation	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320114131	116-TS-089	116-TS-089: Test Station - 89	D	ELEC-02	Relays & Substation	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320114132	116-TS-090	116-TS-090: Test Station - 90	D	ELEC-02	Relays & Substation	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area	Zone 5
	320114133	116-TS-091	116-TS-091: Test Station - 91	D	ELEC-02	Relays & Substation	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area	Zone 5
	320114134	116-TS-092	116-TS-092: Test Station - 92	D	ELEC-02	Relays & Substation	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area	Zone 5
	320114135	116-TS-093	116-TS-093: Test Station - 93	D	ELEC-02	Relays & Substation	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area	Zone 5
	320114136	116-TS-094	116-TS-094: Test Station - 94	D	ELEC-02	Relays & Substation	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area	Zone 5
	320114137	124-TS-096	124-TS-096: Test Station - 96	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114138	124-TS-097-1	124-TS-097-1: Test Station - 97-1	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114139	124-TS-099	124-TS-099: Test Station - 99	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114140	124-TS-100	124-TS-100: Test Station - 100	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114141	124-TS-101	124-TS-101: Test Station - 101	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114142	124-TS-102	124-TS-102: Test Station - 102	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114143	124-TS-103	124-TS-103: Test Station - 103	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114144	124-TS-104	124-TS-104: Test Station - 104	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114145	124-TS-105	124-TS-105: Test Station - 105	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114146	124-TS-106	124-TS-106: Test Station - 106	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114147	124-TS-107	124-TS-107: Test Station - 107	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114148	124-TS-108	124-TS-108: Test Station - 108	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114149	124-TS-109	124-TS-109: Test Station - 109	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114150	124-TS-110	124-TS-110: Test Station - 110	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114151	124-TS-111	124-TS-111: Test Station - 111	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114152	124-TS-112	124-TS-112: Test Station - 112	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114153	124-TS-113	124-TS-113: Test Station - 113	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114154	124-TS-114	124-TS-114: Test Station - 114	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114155	124-TS-115	124-TS-115: Test Station - 115	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114156	124-TS-116	124-TS-116: Test Station - 116	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114157	124-TS-117	124-TS-117: Test Station - 117	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114158	124-TS-118	124-TS-118: Test Station - 118	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114159	124-TS-119	124-TS-119: Test Station - 119	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114160	124-TS-120	124-TS-120: Test Station - 120	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114161	124-TS-121	124-TS-121: Test Station - 121	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114162	124-TS-121-1	124-TS-121-1: Test Station -121-1	D	ELEC-02	Relays & Substation	CAUSTIC SYSTEM AREA-124		Zone 5
	320114163	115-TS-121-2	115-TS-121-2: Test Station -121-2	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114164	115-TS-122	115-TS-122: Test Station -122	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114165	115-TS-123	115-TS-123: Test Station -123	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114166	115-TS-124	115-TS-124: Test Station -124	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114167	115-TS-125	115-TS-125: Test Station -125	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114168	115-TS-126	115-TS-126: Test Station -126	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114169	115-TS-127	115-TS-127: Test Station -127	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	320114170	115-TS-128	115-TS-128: Test Station -128	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114171	115-TS-129	115-TS-129: Test Station -129	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114172	115-TS-130	115-TS-130: Test Station -130	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114173	115-TS-131	115-TS-131: Test Station -131	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114174	115-TS-132	115-TS-132: Test Station -132	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114175	115-TS-133	115-TS-133: Test Station -133	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114176	115-TS-134	115-TS-134: Test Station -134	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114185	115-TS-143	115-TS-143: Test Station -143	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114186	115-TS-144	115-TS-144: Test Station -144	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114187	115-TS-144A	115-TS-144A: Test Station -144A	D	ELEC-02	Relays & Substation	PLATE HEAT EXCHANGER AREA116	Sea Water Area	Zone 5
	320114197	106-TS-154	106-TS-154: Test Station -154	D	ELEC-02	Relays & Substation	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	320114198	106-TS-155	106-TS-155: Test Station -155	D	ELEC-02	Relays & Substation	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	320114203	115-TS-NEW-1	115-TS-NEW-1: Test Station -NEW 1	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114204	115-TS-NEW-2	115-TS-NEW-2: Test Station -NEW 2	D	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320114205	120-TS-001	120-TS-001: Test Station -1	D	ELEC-02	Relays & Substation	PRETREATMENT AREA AREA-120		Zone 5
	320114206	120-TS-1-1	120-TS-1-1: Test Station - 1-1	D	ELEC-02	Relays & Substation	PRETREATMENT AREA AREA-120		Zone 5
	320114207	120-TS-1-2	120-TS-1-2: Test Station - 1-2	D	ELEC-02	Relays & Substation	PRETREATMENT AREA AREA-120		Zone 5
	320114208	120-TS-002	120-TS-002: Test Station -2	D	ELEC-02	Relays & Substation	PRETREATMENT AREA AREA-120		Zone 5
	320114209	120-TS-003	120-TS-003: Test Station -3	D	ELEC-02	Relays & Substation	PRETREATMENT AREA AREA-120		Zone 5
	320114210	120-TS-3-1	120-TS-3-1: Test Station - 3-1	D	ELEC-02	Relays & Substation	PRETREATMENT AREA AREA-120		Zone 5
	320114211	120-TS-3-2	120-TS-3-2: Test Station - 3-2	D	ELEC-02	Relays & Substation	PRETREATMENT AREA AREA-120		Zone 5
	320114212	120-TS-004	120-TS-004: Test Station -4	D	ELEC-02	Relays & Substation	PRETREATMENT AREA AREA-120		Zone 5
	320114213	120-TS-5-1	120-TS-5-1: Test Station - 5 - 1	D	ELEC-02	Relays & Substation	PRETREATMENT AREA AREA-120		Zone 5
	320114214	120-TS-007	120-TS-007: Test Station -7	D	ELEC-02	Relays & Substation	PRETREATMENT AREA AREA-120		Zone 5
	320114215	120-TS-008	120-TS-008: Test Station -8	D	ELEC-02	Relays & Substation	PRETREATMENT AREA AREA-120		Zone 5
	320114216	120-TS-009	120-TS-009: Test Station -9	D	ELEC-02	Relays & Substation	PRETREATMENT AREA AREA-120		Zone 5
	320114217	120-TS-010	120-TS-010: Test Station -10	D	ELEC-02	Relays & Substation	PRETREATMENT AREA AREA-120		Zone 5
	320114218	120-TS-011	120-TS-011: Test Station -11	D	ELEC-02	Relays & Substation	PRETREATMENT AREA AREA-120		Zone 5
	320114219	120-TS-012	120-TS-012: Test Station -12	D	ELEC-02	Relays & Substation	PRETREATMENT AREA AREA-120		Zone 5
	320114220	120-TS-014	120-TS-014: Test Station -14	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114221	120-TS-015	120-TS-015: Test Station -15	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114222	120-TS-016	120-TS-016: Test Station -16	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114223	120-TS-017	120-TS-017: Test Station -17	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114224	120-TS-018	120-TS-018: Test Station -18	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114225	120-TS-019-1	120-TS-019-1: Test Station -19-1	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114226	120-TS-022	120-TS-022: Test Station -22	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114227	120-TS-026	120-TS-026: Test Station -26	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114228	120-TS-027	120-TS-027: Test Station -27	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114229	120-TS-028	120-TS-028: Test Station -28	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114230	120-TS-029	120-TS-029: Test Station -29	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114231	120-TS-030	120-TS-030: Test Station -30	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114232	120-TS-031	120-TS-031: Test Station -31	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114233	120-TS-032	120-TS-032: Test Station -32	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114234	120-TS-033	120-TS-033: Test Station -33	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114235	120-TS-034	120-TS-034: Test Station -34	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114236	120-TS-035	120-TS-035: Test Station -35	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114237	120-TS-036	120-TS-036: Test Station -36	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114238	120-TS-037	120-TS-037: Test Station -37	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114239	120-TS-038	120-TS-038: Test Station -38	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114240	120-TS-039	120-TS-039: Test Station -39	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114241	120-TS-040	120-TS-040: Test Station -40	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114242	120-TS-041	120-TS-041: Test Station -41	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114243	120-TS-042	120-TS-042: Test Station -42	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114244	120-TS-043	120-TS-043: Test Station -43	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114245	120-TS-044	120-TS-044: Test Station -44	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114246	120-TS-45-1	120-TS-45-1: Test Station -45-1	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114247	120-TS-45-2	120-TS-45-2: Test Station -45-2	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114248	120-TS-46	120-TS-46: Test Station -46	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114249	120-TS-47	120-TS-47: Test Station -47	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114250	120-TS-47-1	120-TS-47-1: Test Station -47-1	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114251	120-TS-47-2	120-TS-47-2: Test Station -47-2	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114252	120-TS-47-3	120-TS-47-3: Test Station -47-3	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114253	120-TS-47-4	120-TS-47-4: Test Station -47-4	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114254	120-TS-47-5	120-TS-47-5: Test Station -47-5	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114255	120-TS-47-6	120-TS-47-6: Test Station -47-6	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114256	120-TS-51-1	120-TS-51-1: Test Station -51-1	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114257	120-TS-51-2	120-TS-51-2: Test Station -51-2	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114258	120-TS-NEW-1	120-TS-NEW-1: Test Station - NEW TS - 1	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114259	120-TS-NEW-2	120-TS-NEW-2: Test Station - NEW TS - 2	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114260	120-TS-NEW-3	120-TS-NEW-3: Test Station - NEW TS - 3	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114261	120-TS-NEW-4	120-TS-NEW-4: Test Station - NEW TS - 4	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114262	120-TS-NEW-5	120-TS-NEW-5: Test Station - NEW TS - 5	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114263	120-TS-NEW-6	120-TS-NEW-6: Test Station - NEW TS - 6	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114264	120-TS-NEW-7	120-TS-NEW-7: Test Station - NEW TS - 7	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114265	120-TS-NEW-8	120-TS-NEW-8: Test Station - NEW TS - 8	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114266	120-TS-NEW-9	120-TS-NEW-9: Test Station - NEW TS - 9	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114267	120-TS-NEW-10	120-TS-NEW-10: Test Station - NEW TS - 1	D	ELEC-02	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320114314	119-TS-158	119-TS-158: Test Station - 158	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114315	119-TS-159	119-TS-159: Test Station - 159	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114316	119-TS-160	119-TS-160: Test Station - 160	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114317	119-TS-161	119-TS-161: Test Station - 161	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114318	119-TS-162	119-TS-162: Test Station - 162	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114319	119-TS-163	119-TS-163: Test Station - 163	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114320	119-TS-164	119-TS-164: Test Station - 164	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114321	119-TS-165	119-TS-165: Test Station - 165	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114322	119-TS-166	119-TS-166: Test Station - 166	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114324	119-TS-202	119-TS-202: Test Station - 202	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114325	119-TS-203	119-TS-203: Test Station - 203	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114326	119-TS-204	119-TS-204: Test Station - 204	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114327	119-TS-205	119-TS-205: Test Station - 205	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114328	119-TS-206	119-TS-206: Test Station - 206	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114329	119-TS-207	119-TS-207: Test Station - 207	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114330	119-TS-208	119-TS-208: Test Station - 208	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114331	119-TS-209	119-TS-209: Test Station - 209	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114333	119-TS-211	119-TS-211: Test Station - 211	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114334	119-TS-212	119-TS-212: Test Station - 212	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114335	119-TS-213	119-TS-213: Test Station - 213	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114336	119-TS-214	119-TS-214: Test Station - 214	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114337	119-TS-215	119-TS-215: Test Station - 215	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114338	119-TS-216	119-TS-216: Test Station - 216	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114339	119-TS-217	119-TS-217: Test Station - 217	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114340	119-TS-218	119-TS-218: Test Station - 218	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114341	119-TS-219	119-TS-219: Test Station - 219	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114342	119-TS-220	119-TS-220: Test Station - 220	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114343	119-TS-221	119-TS-221: Test Station - 221	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114344	119-TS-222	119-TS-222: Test Station - 222	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114345	119-TS-223	119-TS-223: Test Station - 223	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114347	119-TS-225	119-TS-225: Test Station - 225	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114348	119-TS-226	119-TS-226: Test Station - 226	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114349	119-TS-227	119-TS-227: Test Station - 227	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114350	119-TS-228	119-TS-228: Test Station - 228	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114351	119-TS-229	119-TS-229: Test Station - 229	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114352	119-TS-230	119-TS-230: Test Station - 230	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114353	119-TS-231	119-TS-231: Test Station - 231	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114354	119-TS-232	119-TS-232: Test Station - 232	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114355	119-TS-233	119-TS-233: Test Station - 233	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114356	119-TS-234	119-TS-234: Test Station - 234	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114357	119-TS-235	119-TS-235: Test Station - 235	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114358	119-TS-236	119-TS-236: Test Station - 236	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114359	119-TS-237	119-TS-237: Test Station - 237	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114360	119-TS-238	119-TS-238: Test Station - 238	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114361	119-TS-239	119-TS-239: Test Station - 239	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114362	119-TS-240	119-TS-240: Test Station - 240	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114363	119-TS-241	119-TS-241: Test Station - 241	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114364	119-TS-242	119-TS-242: Test Station - 242	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114365	119-TS-243	119-TS-243: Test Station - 243	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114366	119-TS-244	119-TS-244: Test Station - 244	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114367	119-TS-245	119-TS-245: Test Station - 245	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114368	119-TS-246	119-TS-246: Test Station - 246	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114369	119-TS-247	119-TS-247: Test Station - 247	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114370	119-TS-248	119-TS-248: Test Station - 248	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114371	119-TS-249	119-TS-249: Test Station - 249	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	320114372	119-TS-250	119-TS-250: Test Station - 250	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114373	119-TS-251	119-TS-251: Test Station - 251	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114374	119-TS-252	119-TS-252: Test Station - 252	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114375	119-TS-253	119-TS-253: Test Station - 253	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114376	119-TS-254	119-TS-254: Test Station - 254	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114377	119-TS-255	119-TS-255: Test Station - 255	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114378	119-TS-256	119-TS-256: Test Station - 256	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114379	119-TS-257	119-TS-257: Test Station - 257	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114380	119-TS-258	119-TS-258: Test Station - 258	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114381	119-TS-259	119-TS-259: Test Station - 259	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114382	119-TS-260	119-TS-260: Test Station - 260	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114383	119-TS-261	119-TS-261: Test Station - 261	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114386	119-TS-264	119-TS-264: Test Station - 264	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114387	119-TS-265	119-TS-265: Test Station - 265	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114388	119-TS-266	119-TS-266: Test Station - 266	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114389	119-TS-267	119-TS-267: Test Station - 267	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114390	119-TS-268	119-TS-268: Test Station - 268	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114391	119-TS-269	119-TS-269: Test Station - 269	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114392	119-TS-270	119-TS-270: Test Station - 270	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114393	119-TS-271	119-TS-271: Test Station - 271	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114394	119-TS-272	119-TS-272: Test Station - 272	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114395	119-TS-273	119-TS-273: Test Station - 273	C	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320114396	119-TS-274	119-TS-274: Test Station - 274	B	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320125379	TF2-TEL-2201	TF2-TEL-2201: TELEPHONE HAND SET	C	ELEC-05	Relays & Substation	PIPING SYSTEM		Zone 5
	320125403	TEL-AN-01	TEL-AN-01: TELEPHONE HAND SET	C	ELEC-05	Relays & Substation	PIPING SYSTEM		Zone 5
	320125409	TF2-CP-2201	TF2-CP-2201: CP TRANSFORMER RECTIFIER	B	ELEC-05	Relays & Substation	PIPING SYSTEM		Zone 5
	320125410	TF2-CP-2202	TF2-CP-2202: CP TRANSFORMER RECTIFIER	B	ELEC-05	Relays & Substation	PIPING SYSTEM		Zone 5
	320144352	115-TS-135-1	115-TS-135-1:Test Station - 135-1	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144353	115-TS-135-2	115-TS-135-2:Test Station - 135-2	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144354	115-TS-135-3	115-TS-135-3:Test Station - 135-3	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144355	115-TS-136-1	115-TS-136-1:Test Station - 136-1	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144356	115-TS-136-2	115-TS-136-2:Test Station - 136-2	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144357	115-TS-136-3	115-TS-136-3:Test Station - 136-3	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144358	115-TS-137-1	115-TS-137-1:Test Station - 137-1	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144359	115-TS-137-2	115-TS-137-2:Test Station - 137-2	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144360	115-TS-138-1	115-TS-138-1:Test Station - 138-1	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144361	115-TS-138-2	115-TS-138-2:Test Station - 138-2	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144363	115-TS-138-3	115-TS-138-3:Test Station - 138-3	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144364	115-TS-139-1	115-TS-139-1:Test Station - 139-1	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144365	115-TS-139-2	115-TS-139-2:Test Station - 139-2	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144366	115-TS-140-1	115-TS-140-1:Test Station - 140-1	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144367	115-TS-140-2	115-TS-140-2:Test Station - 140-2	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144368	115-TS-140-3	115-TS-140-3:Test Station - 140-3	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144369	115-TS-141-1	115-TS-141-1:Test Station - 141-1	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144370	115-TS-141-2	115-TS-141-2:Test Station - 141-2	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144371	115-TS-142-1	115-TS-142-1:Test Station - 142-1	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144372	115-TS-142-2	115-TS-142-2:Test Station - 142-2	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320144373	115-TS-142-3	115-TS-142-3:Test Station - 142-3	A	ELEC-02	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320225666	119-TS-01-1	119-TS-01-1:119-Test Station-01	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225667	119-TS-01-3	119-TS-01-3:119-Test Station-02	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225668	119-TS-C-01	119-TS-C-01:119-Test Station-03	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225669	119-TS-01-2	119-TS-01-2:119-Test Station-04	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225670	119-TS-02-1	119-TS-02-1:119-Test Station-05	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225671	119-TS-02-3	119-TS-02-3:119-Test Station-06	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225672	119-TS-02-2	119-TS-02-2:119-Test Station-07	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225673	119-TS-03-2	119-TS-03-2:119-Test Station-08	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225675	119-TS-01-4	119-TS-01-4:119-Test Station-09	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225676	119-TS-03-3	119-TS-03-3:119-Test Station-10	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225677	119-TS-03-1	119-TS-03-1:119-Test Station-11	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225678	119-TS-04-2	119-TS-04-2:119-Test Station-13	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225679	119-TS-02-4	119-TS-02-4:119-Test Station-14	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225680	119-TS-04-1	119-TS-04-1:119-Test Station-15	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225681	119-TS-04-3	119-TS-04-3:119-Test Station-16	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225682	119-TS-03-4	119-TS-03-4:119-Test Station-17	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225683	119-TS-05-2	119-TS-05-2:119-Test Station-18	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225684	119-TS-05-1	119-TS-05-1:119-Test Station-19	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225685	119-TS-05-3	119-TS-05-3:119-Test Station-20	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225687	119-TS-06-2	119-TS-06-2:119-Test Station-22	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225688	119-TS-04-4	119-TS-04-4:119-Test Station-23	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225689	119-TS-06-1	119-TS-06-1:119-Test Station-24	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225690	119-TS-06-3	119-TS-06-3:119-Test Station-25	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225691	119-TS-08-2	119-TS-08-2:119-Test Station-26	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225692	119-TS-08-1	119-TS-08-1:119-Test Station-27	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225693	119-TS-08-3	119-TS-08-3-1:119-Test Station-28	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225694	119-TS-06-4	119-TS-06-4:119-Test Station-29	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225695	119-TS-C-04	119-TS-C-04:119-Test Station-30	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225696	119-TS-07-2	119-TS-07-2:119-Test Station-31	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225697	119-TS-07-1	119-TS-07-1:119-Test Station-32	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225698	119-TS-05-4	119-TS-05-4:119-Test Station-33	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225699	119-TS-07-3	119-TS-07-3:119-Test Station-34	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225700	119-TS-10-1	119-TS-10-1:119-Test Station-35	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225701	119-TS-08-4	119-TS-08-4:119-Test Station-36	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225702	119-TS-10-3	119-TS-10-3:119-Test Station-37	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225703	119-TS-10-2	119-TS-10-2:119-Test Station-38	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225704	119-TS-09-2	119-TS-09-2:119-Test Station-39	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225705	119-TS-09-3	119-TS-09-3:119-Test Station-40	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225706	119-TS-07-4	119-TS-07-4:119-Test Station-41	D	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225769	119-TS-09-1	119-TS-09-1:119-Test Station-42	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225770	119-TS-C-05	119-TS-C-05:119-Test Station-43	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225771	119-TS-12-2	119-TS-12-2:119-Test Station-44	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225772	119-TS-12-1	119-TS-12-1:119-Test Station-45	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225773	119-TS-10-4	119-TS-10-4:119-Test Station-46	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225774	119-TS-12-3	119-TS-12-3:119-Test Station-47	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225775	119-TS-C-06	119-TS-C-06:119-Test Station-48	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225776	119-TS-11-1	119-TS-11-1:119-Test Station-49	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225777	119-TS-09-4	119-TS-09-4:119-Test Station-50	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225778	119-TS-11-2	119-TS-11-2:119-Test Station-51	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225779	119-TS-11-3	119-TS-11-3:119-Test Station-52	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225780	119-TS-13-3	119-TS-13-3:119-Test Station-53	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225781	119-TS-11-4	119-TS-11-4:119-Test Station-54	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225782	119-TS-C-07	119-TS-C-07:119-Test Station-55	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225783	119-TS-13-2	119-TS-13-2:119-Test Station-56	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225784	119-TS-13-1	119-TS-13-1:119-Test Station-57	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225785	119-TS-14-3	119-TS-14-3:119-Test Station-58	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225786	119-TS-12-4	119-TS-12-4:119-Test Station-59	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225787	119-TS-14-2	119-TS-14-2:119-Test Station-60	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225788	119-TS-14-1	119-TS-14-1:119-Test Station-61	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225789	115-TS-01	115-TS-01:115-Test Station-01	E	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320225790	115-TS-02	115-TS-02:115-Test Station-02	E	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320225792	115-TS-03	115-TS-03:115-Test Station-03	E	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320225793	115-TS-04	115-TS-04:115-Test Station-04	E	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320225795	115-TS-05	115-TS-05:115-Test Station-05	E	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320225796	115-TS-06	115-TS-06:115-Test Station-06	E	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320225797	115-TS-07	115-TS-07:115-Test Station-07	E	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320225798	115-TS-08	115-TS-08:115-Test Station-08	E	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320225799	115-TS-09	115-TS-09:115-Test Station-09	E	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320225800	115-TS-10	115-TS-10:115-Test Station-10	E	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320225801	115-TS-C-10	115-TS-C-10:115-Test Station-C-11	E	ELEC-05	Relays & Substation	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320225802	119-TS-C-02-1	119-TS-C-02-1:119-Test Station-11	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320225803	119-TS-C-03-1	119-TS-C-03-1:119-Test Station-21	E	ELEC-05	Relays & Substation	FLARE SYSTEM AREA-119		Zone 5
	320234200	120-TS-7	120-TS-7: Test Station-7	C	ELEC-05	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320234201	120-TS-5	120-TS-5:Test Station-5	C	ELEC-05	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320234202	120-TS-6	120-TS-6: Test Station-6	C	ELEC-05	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320234203	120-TS-C-4	120-TS-C-4: Test Station-4	C	ELEC-05	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320234204	120-TS-8	120-TS-8: Test Station-8	C	ELEC-05	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320234205	120-TS-9	120-TS-9: Test Station-9	C	ELEC-05	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320234206	120-TS-C-1	120-TS-C-1: Test Station-1	C	ELEC-05	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320234207	120-TS-2	120-TS-2: Test Station-2	C	ELEC-05	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320234208	120-TS-C-2	120-TS-C-2: Test Station-2	C	ELEC-05	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320234209	120-TS-1	120-TS-1: Test Station-1	C	ELEC-05	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320234210	120-TS-4	120-TS-4: Test Station-4	C	ELEC-05	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320234211	120-TS-C-3	120-TS-C-3: Test Station-3	C	ELEC-05	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	320234213	120-TS-3	120-TS-3: Test Station-3	C	ELEC-05	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320234214	000-TS-501	000-TS-501:Test Station 501	C	ELEC-05	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320234215	000-TS-503	000-TS-503: Test Station 503	C	ELEC-05	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
	320234216	000-TS-504	000-TS-504: Test Station 504	C	ELEC-05	Relays & Substation	AEROBIC TREATMENT AREA-120		Zone 5
ROTARY FEEDERS									
33	310874900	120-Y-142B3	120-Y-142B3:Feed rotating drum	B	MECH-05	Rotary feeders	AEROBIC TREATMENT AREA-120		Zone 5
SAFETY									
34	360019305	2215-CBT-001C	2215-CBT-001C: HOTLINE	A	ELEC-05	Safety	PROCESS WATER SYSTEM AREA-113		Zone 5
	360019306	2215-CBT-001D	2215-CBT-001D: HOTLINE	A	ELEC-05	Safety	PROCESS WATER SYSTEM AREA-113		Zone 5
	360019307	2216-CBT-001A	2216-CBT-001A: HOTLINE	A	ELEC-05	Safety	PROCESS WATER SYSTEM AREA-113		Zone 5
	360019308	2216-CBT-001B	2216-CBT-001B: HOTLINE	A	ELEC-05	Safety	NITROGEN SYSTEM AREA-109		Zone 5
	360019309	2216-CBT-001C	2216-CBT-001C: HOTLINE	A	ELEC-05	Safety	NITROGEN SYSTEM AREA-109		Zone 5
	360019310	2216-CBT-001D	2216-CBT-001D: HOTLINE	A	ELEC-05	Safety	NITROGEN SYSTEM AREA-109		Zone 5
	360019311	2217-CBT-001A	2217-CBT-001A: HOTLINE	A	ELEC-05	Safety	NITROGEN SYSTEM AREA-109		Zone 5
	360019313	2217-CBT-001C	2217-CBT-001C: HOTLINE	A	ELEC-05	Safety	BOILER # 04 AREA-111		Zone 5
	360019314	2217-CBT-001D	2217-CBT-001D: HOTLINE	A	ELEC-05	Safety	BOILER # 04 AREA-111		Zone 5
	360019315	2217-CBT-001E	2217-CBT-001E: HOTLINE	A	ELEC-05	Safety	BOILER # 03 AREA-111		Zone 5
	360019316	2218-CBT-001A	2218-CBT-001A: HOTLINE	A	ELEC-05	Safety	BOILER # 03 AREA-111		Zone 5
	360019317	2218-CBT-001B	2218-CBT-001B: HOTLINE	A	ELEC-05	Safety	BOILER # 04 AREA-111		Zone 5
	360019318	2218-CBT-001C	2218-CBT-001C: HOTLINE	A	ELEC-05	Safety	BOILER # 02 AREA-111		Zone 5
	360019319	2218-CBT-001D	2218-CBT-001D: HOTLINE	A	ELEC-05	Safety	BOILER # 01 AREA-111		Zone 5
	360019320	2218-CBT-001E	2218-CBT-001E: HOTLINE	A	ELEC-05	Safety	FUEL OIL SYSTEM AREA-106		Zone 5
	360019369	120-FHC-44	120-FHC-44: FIRE HOSE CABINET Pipe Carry	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019370	120-FHC-45	120-FHC-45: FIRE HOSE CABINET Pipe Carry	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019371	115-FHC-60	115-FHC-60: FIRE HOSE CABINET Admin Buil	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Sea Water Area	Zone 5
	360019372	115-FHC-61	115-FHC-61: FIRE HOSE CABINET Admin Near	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Sea Water Area	Zone 5
	360019373	115-FHC-62	115-FHC-62: FIRE HOSE CABINET Admin Near	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Sea Water Area	Zone 5
	360019374	115-FHC-63	115-FHC-63: FIRE HOSE CABINET Admin Near	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Sea Water Area	Zone 5
	360019375	115-FHC-64	115-FHC-64: FIRE HOSE CABINET Near Gate	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Sea Water Area	Zone 5
	360019376	107-FHC-66	107-FHC-66: FIRE HOSE CABINET Pipe Carry	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019377	110-FHC-67	110-FHC-67: FIRE HOSE CABINET Utility Sh	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Compressor Area	Zone 5
	360019378	114-FHC-68	114-FHC-68: FIRE HOSE CABINET NEAR 114-F	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Potable water Area	Zone 5
	360019379	113-FHC-69	113-FHC-69: FIRE HOSE CABINET Process Wa	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Process Water Area	Zone 5
	360019380	106-FHC-70	106-FHC-70: FIRE HOSE CABINET C10/C6 OIL	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Tankage Area	Zone 5
	360019381	120-FHC-93	120-FHC-93: FIRE HOSE CABINET ETP	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019382	120-FHC-94	120-FHC-94: FIRE HOSE CABINET ETP	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019383	120-FHC-95	120-FHC-95: FIRE HOSE CABINET Pipe Carry	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019384	120-FHC-96	120-FHC-96: FIRE HOSE CABINET Behind Che	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019385	120-FHC-97	120-FHC-97: FIRE HOSE CABINET Behind Che	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019386	112-FHC-98	112-FHC-98: FIRE HOSE CABINET Pipe Carry	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Deaminraize Area	Zone 5
	360019387	120-FHC-100	120-FHC-100: FIRE HOSE CABINET Central .	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019388	120-FHC-101	120-FHC-101: FIRE HOSE CABINET Central .	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
	360019389	115-FHC-132	115-FHC-132: FIRE HOSE CABINET Maine. Su	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Sea Water Area	Zone 5
	360019390	115-FHC-165	115-FHC-165: FIRE HOSE CABINET CCR. Buil	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES	Sea Water Area	Zone 5
	360019391	120-FHC-99	120-FHC-99: FIRE HOSE CABINET Pipe Carry	A	MECH-05	Safety	PRODUCTION UTY # 2 - PTROCHEM. UTILITIES		Zone 5
SCREW CONVEYOR									
35	310874901	120-Y-142A4	120-Y-142A4:Sludge mover screw	D	MECH-05	Screw Conveyor	AEROBIC TREATMENT AREA-120		Zone 5
	310874902	120-Y-142A5	120-Y-142A5:Sludge mover screw	B	MECH-05	Screw Conveyor	AEROBIC TREATMENT AREA-120		Zone 5
	310874903	120-Y-142B4	120-Y-142B4:Sludge mover screw	D	MECH-05	Screw Conveyor	AEROBIC TREATMENT AREA-120		Zone 5
	310874904	120-Y-142B5	120-Y-142B5:Sludge mover screw	D	MECH-05	Screw Conveyor	AEROBIC TREATMENT AREA-120		Zone 5
SWITCHGEAR AND DISTRIBUTION									
36	320035345	000-PSG-001B	000-PSG-001B:115 KV SWITCHBOARD, MAIN SU	A	ELEC-05	Switchgear & Distrib	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035346	000-PSG-002A	000-PSG-002A:34.5 KV SWITCHBOARD, MAIN S	B	ELEC-05	Switchgear & Distrib	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035347	000-PSG-002B	000-PSG-002B:34.5 KV SWITCHBOARD, MAIN S	B	ELEC-05	Switchgear & Distrib	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035348	000-PSG-003E	000-PSG-003E:PCC 3.3 KV, EMERGENCY DISTR	B	ELEC-05	Switchgear & Distrib	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320123296	P-M-120-01	P-M-120-01:3.3KV METAL CLAD SWITCHGEAR,	A	ELEC-05	Switchgear & Distrib	PRETREATMENT AREA AREA-120		Zone 5
	320123297	P-M-120-02	P-M-120-02:0.38KV, INDOOR, FREE STANDING	B	ELEC-03	Switchgear & Distrib	PRETREATMENT AREA AREA-120		Zone 5
	320208165	000-PBB-003A	000-PBB-003A:3.3KV SWITCHGEAR BUS DUCT	B	ELEC-05	Switchgear & Distrib	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320208166	000-PBB-003B	000-PBB-003B:3.3KV SWITCHGEAR BUS DUCT	B	ELEC-05	Switchgear & Distrib	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320208167	000-PBB-004A	000-PBB-004A:380V MCC BUS DUCT	B	ELEC-05	Switchgear & Distrib	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320208168	000-PBB-004B	000-PBB-004B:3.3KV SWITCHGEAR BUS DUCT	B	ELEC-05	Switchgear & Distrib	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320208169	000-PBB-004E	000-PBB-004E:3.3KV SWITCHGEAR BUS DUCT	B	ELEC-05	Switchgear & Distrib	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320208170	000-PBB-004G	000-PBB-004G:3.3KV SWITCHGEAR BUS DUCT	B	ELEC-05	Switchgear & Distrib	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320208171	000-PBB-006A	000-PBB-006A:3.3KV SWITCHGEAR BUS DUCT	B	ELEC-05	Switchgear & Distrib	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320208172	000-PBB-006B	000-PBB-006B:3.3KV SWITCHGEAR BUS DUCT	B	ELEC-05	Switchgear & Distrib	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
TANK									
37	310063091	000-T-011	000-T-011:CPI SEPARATOR (PART OF 120-Y-0	D	MECH-05	Tank	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310064878	106-F-001	106-F-001:FUEL TANK C10 +	B	MECH-05	Tank	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	310064881	106-F-002	106-F-002:FUEL TANK C6 / C7	B	MECH-05	Tank	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	310065056	109-D-001	109-D-001:LIQUID NITROGEN STORAGE TANK	D	MECH-05	Tank	STORAGE AREA AREA-109	N2 Plant	Zone 5
	310065059	109-D-002	109-D-002:LIQUID NITROGEN STORAGE TANK	D	MECH-05	Tank	STORAGE AREA AREA-109	N2 Plant	Zone 5
	310065061	109-D-003	109-D-003:LIQUID NITROGEN STORAGE TANK	D	MECH-05	Tank	STORAGE AREA AREA-109	N2 Plant	Zone 5
	310065095	109-F-001	109-F-001:CONDENSATE SUMP	D	MECH-05	Tank	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	310065428	110-F-001	110-F-001:COMPRESSOR 1 LUBE OIL TANK	D	MECH-05	Tank	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065429	110-F-002	110-F-002:COMPRESSOR 2 LUBE OIL TANK	D	MECH-05	Tank	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065430	110-F-003	110-F-003:COMPRESSOR 3 LUBE OIL TANK	D	MECH-05	Tank	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310065880	111-F-001	111-F-001:CONDENSATE STORAGE TANK	A	MECH-05	Tank	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	310065883	111-F-002	111-F-002:BOILER FEEDWATER AMINE STORAGE	D	MECH-05	Tank	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	310067079	112-F-001	112-F-001:DEMIN. WATER STORAGE TANK	A	MECH-05	Tank	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310067085	113-F-001	113-F-001:PROCESS WATER STORAGE TANK	A	MECH-05	Tank	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	310067087	115-F-001	115-F-001:SEAWATER BUSH LEAKAGE TANK	D	MECH-05	Tank	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310067088	115-F-002	115-F-002:HYPOCLORITE STORAGE TANK	D	MECH-05	Tank	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310067100	114-F-001	114-F-001:POTABLE WATER STORAGE TANK	C	MECH-05	Tank	POTABLE WATER AREA-114	Potable water Area	Zone 5
	310067101	114-F-003	114-F-003:HYPOCLORITE STORAGE TANK	D	MECH-05	Tank	POTABLE WATER AREA-114	Potable water Area	Zone 5
	310067106	115-GF-001	115-GF-001:LUBE OIL RESERVOIR FOR TURBIN	C	MECH-05	Tank	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310067107	115-GF-002	115-GF-002:LUBE OIL RESERVOIR FOR TURBIN	C	MECH-05	Tank	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310067119	116-F-001	116-F-001:CW PUMP BUS LEAKAGE TANK	D	MECH-05	Tank	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310067120	116-F-002	116-F-002:BIOCIDE DOSING TANK	D	MECH-05	Tank	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067121	116-F-003	116-F-003:CORROSION INHIBITOR DOSING TAN	D	MECH-05	Tank	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310067125	116-GF-001	116-GF-001:LUBE OIL RESERVOIR FOR TURBIN	C	MECH-05	Tank	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310067126	116-GF-002	116-GF-002:LUBE OIL RESERVOIR FOR TURBIN	C	MECH-05	Tank	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310067172	117-F-001	117-F-001:CHILLED WATER PUMP BUS LEAKAGE	D	MECH-05	Tank	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	310067213	117-GF-001	117-GF-001:LUBE OIL RESERVOIR FOR TURBIN	C	MECH-05	Tank	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310067392	120-F-001	120-F-001:BALANCING TANK	B	MECH-05	Tank	PRETREATMENT AREA AREA-120		Zone 5
	310067393	120-F-002	120-F-002:PRECIPITATION TANK	B	MECH-05	Tank	PRETREATMENT AREA AREA-120		Zone 5
	310067394	120-F-003	120-F-003:FLOCCULATION TANK	C	MECH-05	Tank	PRETREATMENT AREA AREA-120		Zone 5
	310067396	120-F-005	120-F-005:BUFFER TANK	C	MECH-05	Tank	PRETREATMENT AREA AREA-120		Zone 5
	310067397	120-F-006	120-F-006:AEROBIC DIGESTER TANK	A	MECH-05	Tank	ANAEROBIC TREATMENT AREA-120		Zone 5
	310067398	120-F-007	120-F-007:AEROBIC DIGESTER TANK	A	MECH-05	Tank	ANAEROBIC TREATMENT AREA-120		Zone 5
	310067399	120-F-008	120-F-008:DEGASSING TANK	C	MECH-05	Tank	ANAEROBIC TREATMENT AREA-120		Zone 5
	310067400	120-F-009	120-F-009:DEGASSING TANK	C	MECH-05	Tank	ANAEROBIC TREATMENT AREA-120		Zone 5
	310067401	120-F-010	120-F-010:AERATION TANK	C	MECH-05	Tank	AEROBIC TREATMENT AREA-120		Zone 5
	310067402	120-F-022	120-F-022:HYDROXIDE SLUDGE STORAGE TANK	C	MECH-05	Tank	BELT PRESS PROCESS AREA-120		Zone 5
	310067403	120-F-023	120-F-023:SODIUM HYDROXIDE STORAGE TANK	C	MECH-05	Tank	PRETREATMENT AREA AREA-120		Zone 5
	310067404	120-F-024	120-F-024:SULFURIC ACID STORAGE TANK	C	MECH-05	Tank	PRETREATMENT AREA AREA-120		Zone 5
	310067405	120-F-025	120-F-025:POLYELECTROLYTE MAKE-UP TANK	C	MECH-05	Tank	BELT PRESS PROCESS AREA-120		Zone 5
	310067406	120-F-026	120-F-026:NUTRIENT COLLUSION STORAGE TAN	C	MECH-05	Tank	PRETREATMENT AREA AREA-120		Zone 5
	310067407	120-F-027	120-F-027:POLYELECTROLYTE MAKE-UP TANK	C	MECH-05	Tank	PRETREATMENT AREA AREA-120		Zone 5
	310067408	120-F-028	120-F-028:HEADER TANK	C	MECH-05	Tank	BELT PRESS PROCESS AREA-120		Zone 5
	310067409	120-F-029	120-F-029:SLUDGE CONDITIONING TANK	C	MECH-05	Tank	BELT PRESS PROCESS AREA-120		Zone 5
	310067430	120-F-011	120-F-011:AERATION TANK	C	MECH-05	Tank	AEROBIC TREATMENT AREA-120		Zone 5
	310067431	120-F-012	120-F-012:BREAK TANK	C	MECH-05	Tank	AEROBIC TREATMENT AREA-120		Zone 5
	310067432	120-F-013	120-F-013:BREAK TANK	C	MECH-05	Tank	AEROBIC TREATMENT AREA-120		Zone 5
	310067433	120-F-014	120-F-014:FINAL SETTLEMENT TANK	C	MECH-05	Tank	AEROBIC TREATMENT AREA-120		Zone 5
	310067434	120-F-015	120-F-015:FINAL SETTLEMENT TANK	C	MECH-05	Tank	AEROBIC TREATMENT AREA-120		Zone 5
	310067435	120-F-016	120-F-016:BUFFER TANK	C	MECH-05	Tank	AEROBIC TREATMENT AREA-120		Zone 5
	310067436	120-F-017	120-F-017:BUFFER TANK	C	MECH-05	Tank	AEROBIC TREATMENT AREA-120		Zone 5
	310067437	120-F-018	120-F-018:HOLDING TANK	C	MECH-05	Tank	EFFLUENT STORAGE AREA-120		Zone 5
	310067438	120-F-019	120-F-019:HOLDING TANK	C	MECH-05	Tank	EFFLUENT STORAGE AREA-120		Zone 5
	310067439	120-F-020	120-F-020:AEROBIC SLUDGE STORAGE	C	MECH-05	Tank	BELT PRESS PROCESS AREA-120		Zone 5
	310067440	120-F-021	120-F-021:SLUDGE STABILISATION TANK	C	MECH-05	Tank	BELT PRESS PROCESS AREA-120		Zone 5
	310068130	124-F-001	124-F-001:CAUSTIC STORAGE TANK	A	MECH-05	Tank	CAUSTIC SYSTEM AREA-124		Zone 5
	310068146	122-F-001	122-F-001:EMERGENCY GENERATOR DAY TANK	B	MECH-05	Tank	EMERGENCY POWER SYSTEM AREA-122		Zone 5
	310080289	109-F-002	109-F-002:COMPRESSOR LUBE OIL TANK	D	MECH-05	Tank	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	310314457	109-F-003	109-F-003: Expander Lube oil Tank	D	MECH-05	Tank	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310654028	120-F-114	120-F-114:EQUALIZATION TANK	B	MECH-05	Tank	AEROBIC TREATMENT AREA-120		Zone 5
	310654029	120-F-161	120-F-161:HCL BULK TANK	C	MECH-05	Tank	AEROBIC TREATMENT AREA-120		Zone 5
	310654030	120-F-162	120-F-162:NAOH BULK TANK	C	MECH-05	Tank	AEROBIC TREATMENT AREA-120		Zone 5
	310654031	120-F-163	120-F-163:NUTRIENT TANK	C	MECH-05	Tank	AEROBIC TREATMENT AREA-120		Zone 5
	310654032	120-F-164	120-F-164:PAC STORAGE TANK	C	MECH-05	Tank	AEROBIC TREATMENT AREA-120		Zone 5
	310654033	120-F-165	120-F-165:HEAVY METAL CAPTURING AGENTS S	C	MECH-05	Tank	AEROBIC TREATMENT AREA-120		Zone 5
	310654034	120-F-166	120-F-166:SEAL POT	C	MECH-05	Tank	AEROBIC TREATMENT AREA-120		Zone 5
	310655035	113-F-002	113-F-002:PROCESS WATER TANK	C	MECH-02	Tank	STORAGE AREA AREA-109	Process Water Area	Zone 5
	310702364	TF2-T-2201	TF2-T-2201:RAFFINATE AND REFORMATE STORA	A	MECH-05	Tank	PIPING SYSTEM		Zone 5
	310702365	TF2-T-2202	TF2-T-2202:RAFFINATE AND REFORMATE STORA	A	MECH-05	Tank	PIPING SYSTEM		Zone 5
TEMPERATURE DEVICE									
38	310311109	115-TSHH-309	115-TSHH-309: MOTOR NDE BRG TEMP	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310311113	116-TSHH-309	116-TSHH-309: MOTOR NDE BRG TEMP	C	INST-05	Temperature Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330190119	106-TI-001	106-TI-001:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190120	106-TI-002	106-TI-002:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190580	109-TE-10	109-TE-10:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190581	109-TE-104	109-TE-104:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190582	109-TE-107	109-TE-107:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190583	109-TE-18-1	109-TE-18-1:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190584	109-TE-18-2	109-TE-18-2:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190585	109-TE-18-3	109-TE-18-3:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190586	109-TE-184	109-TE-184:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190587	109-TE-18-4	109-TE-18-4:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190588	109-TE-18-5	109-TE-18-5:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190589	109-TE-187	109-TE-187:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190590	109-TE-191	109-TE-191:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190591	109-TE-192	109-TE-192:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190592	109-TE-197	109-TE-197:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190593	109-TE-265	109-TE-265:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190594	109-TE-516	109-TE-516:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190595	109-TE-541	109-TE-541:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190596	109-TE-646-1	109-TE-646-1:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190597	109-TE-646-2	109-TE-646-2:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190598	109-TE-646-3	109-TE-646-3:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190599	109-TE-930	109-TE-930:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190600	109-TI-003	109-TI-003:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190601	109-TI-004	109-TI-004:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190602	109-TI-005	109-TI-005:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190603	109-TI-191	109-TI-191:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190604	109-TI-197	109-TI-197:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190605	109-TI-206	109-TI-206:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190606	109-TI-207	109-TI-207:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190607	109-TI-208	109-TI-208:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190608	109-TI-209	109-TI-209:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190609	109-TI-513	109-TI-513:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190610	109-TI-514	109-TI-514:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190611	109-TI-515	109-TI-515:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190612	109-TI-516	109-TI-516:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190613	109-TI-524	109-TI-524:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190614	109-TI-525	109-TI-525:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190615	109-TI-526	109-TI-526:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190616	109-TI-541	109-TI-541:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190617	109-TI-569	109-TI-569:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190618	109-TI-930	109-TI-930:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190619	109-TI-941	109-TI-941:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190620	109-TI-944	109-TI-944:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190621	109-TI-947	109-TI-947:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190622	109-TI-96	109-TI-96:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190623	109-TI-968	109-TI-968:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190624	109-TIC-181	109-TIC-181:TEMPERATURE INDICATOR CONTRO	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190625	109-TIC-182	109-TIC-182:TEMP. INDICATOR CONTROLLER,	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190626	109-TIC-214	109-TIC-214:TEMPERATURE INDICATOR CONTRO	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190627	109-TSH-184	109-TSH-184:TEMPERATURE SWITCH HIGH	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190628	109-TSH-232	109-TSH-232:TEMPERATURE SWITCH HIGH	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190629	109-TSH-281	109-TSH-281:TEMPERATURE SWITCH HIGH	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190630	109-TSH-967	109-TSH-967:TEMPERATURE SWITCH HIGH	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190631	109-TSHH-282	109-TSHH-282:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190632	109-TSHH-925	109-TSHH-925:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190633	109-TSL-181	109-TSL-181:TEMPERATURE SWITCH LOW	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190634	109-TSL-182	109-TSL-182:TEMPERATURE SWITCH LOW	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190635	109-TSL-191	109-TSL-191:TEMPERATURE SWITCH LOW	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190636	109-TSL-192	109-TSL-192:TEMPERATURE SWITCH LOW	D	INST-05	Temperature Device	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190637	109-TSL-214	109-TSL-214:TEMPERATURE SWITCH LOW	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190638	109-TSL-646-1	109-TSL-646-1:TEMPERATURE SWITCH LOW	D	INST-05	Temperature Device	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190639	109-TSL-646-2	109-TSL-646-2:TEMPERATURE SWITCH LOW	D	INST-05	Temperature Device	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190640	109-TSL-646-3	109-TSL-646-3:TEMPERATURE SWITCH LOW	D	INST-05	Temperature Device	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190641	109-TT-001	109-TT-001:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190642	109-TT-002	109-TT-002:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190643	109-TT-10	109-TT-10:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190644	109-TT-107	109-TT-107:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190645	109-TT-181	109-TT-181:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190646	109-TT-18-1	109-TT-18-1:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190647	109-TT-182	109-TT-182:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190648	109-TT-18-2	109-TT-18-2:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190649	109-TT-18-3	109-TT-18-3:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190650	109-TT-184	109-TT-184:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190651	109-TT-18-4	109-TT-18-4:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190652	109-TT-18-5	109-TT-18-5:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190653	109-TT-187	109-TT-187:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190654	109-TT-197	109-TT-197:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190655	109-TT-580	109-TT-580:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190656	109-TT-581	109-TT-581:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190657	109-TT-582	109-TT-582:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190658	109-TT-930	109-TT-930:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190661	109-TW-10	109-TW-10:THERMOWELL	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190662	109-TW-18-1	109-TW-18-1:THERMOWELL	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190663	109-TW-18-2	109-TW-18-2:THERMOWELL	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190664	109-TW-18-3	109-TW-18-3:THERMOWELL	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190665	109-TW-18-4	109-TW-18-4:THERMOWELL	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190666	109-TW-18-5	109-TW-18-5:THERMOWELL	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190667	109-TW-569	109-TW-569:THERMOWELL	D	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330191240	110-TCS-223	110-TCS-223:TEMPERATURE CONTROL SWITCH	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191241	110-TE-102	110-TE-102:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191242	110-TE-104	110-TE-104:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191243	110-TE-108	110-TE-108:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191244	110-TE-109	110-TE-109:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191245	110-TE-127	110-TE-127:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191246	110-TE-128	110-TE-128:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191247	110-TE-129	110-TE-129:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191248	110-TE-130	110-TE-130:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191249	110-TE-131	110-TE-131:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191250	110-TE-132	110-TE-132:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191251	110-TE-232	110-TE-232:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191252	110-TE-233	110-TE-233:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191253	110-TE-234A	110-TE-234A:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191254	110-TE-234B	110-TE-234B:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191255	110-TE-235A	110-TE-235A:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191256	110-TE-235B	110-TE-235B:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191257	110-TE-236A	110-TE-236A:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191258	110-TE-236B	110-TE-236B:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191259	110-TE-241	110-TE-241:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191260	110-TE-402	110-TE-402:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191261	110-TE-403	110-TE-403:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191270	110-TCS-122	110-TCS-122:TEMPERATURE CONTROL SWITCH	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191271	110-TCS-123	110-TCS-123:TEMPERATURE CONTROL SWITCH	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191272	110-TCS-222	110-TCS-222:TEMPERATURE CONTROL SWITCH	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191273	110-TE-133	110-TE-133:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191274	110-TE-141	110-TE-141:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191275	110-TE-202	110-TE-202:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191276	110-TE-204	110-TE-204:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191277	110-TE-208	110-TE-208:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330191278	110-TE-209	110-TE-209:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191279	110-TE-227	110-TE-227:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191280	110-TE-228	110-TE-228:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191281	110-TE-229	110-TE-229:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191282	110-TE-230	110-TE-230:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191283	110-TE-231	110-TE-231:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191284	110-TE-406	110-TE-406:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191285	110-TE-502	110-TE-502:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191286	110-TE-503	110-TE-503:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191287	110-TE-506	110-TE-506:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191288	110-TI-001	110-TI-001:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	Compressor Area	Zone 5
	330191290	110-TI-002	110-TI-002:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330191291	110-TI-003	110-TI-003:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STORAGE AREA AREA-109	Compressor Area	Zone 5
	330191292	110-TI-004	110-TI-004:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STORAGE AREA AREA-109	Compressor Area	Zone 5
	330191293	110-TI-005	110-TI-005:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	Compressor Area	Zone 5
	330191294	110-TI-101	110-TI-101:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191295	110-TI-201	110-TI-201:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191296	110-TI-203	110-TI-203:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191297	110-TI-205	110-TI-205:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191298	110-TI-207	110-TI-207:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191299	110-TI-221	110-TI-221:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191300	110-TI-224	110-TI-224:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191301	110-TI-226	110-TI-226:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191302	110-TI-243	110-TI-243:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191303	110-TI-244	110-TI-244:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191304	110-TI-245	110-TI-245:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191305	110-TI-246	110-TI-246:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191306	110-TI-606	110-TI-606:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330191307	110-TI-607	110-TI-607:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330191308	110-TI-608	110-TI-608:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330191309	110-TI-609	110-TI-609:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330191310	110-TI-610	110-TI-610:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330191311	110-TIT-402	110-TIT-402:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191312	110-TIT-403	110-TIT-403:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191313	110-TIT-406	110-TIT-406:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191314	110-TIT-502	110-TIT-502:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191315	110-TIT-503	110-TIT-503:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191316	110-TT-129	110-TT-129:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191317	110-TT-130	110-TT-130:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191318	110-TT-131	110-TT-131:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191319	110-TT-132	110-TT-132:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191320	110-TT-133	110-TT-133:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191321	110-TT-141	110-TT-141:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191322	110-TT-202	110-TT-202:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191323	110-TT-204	110-TT-204:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191324	110-TT-208	110-TT-208:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191325	110-TT-209	110-TT-209:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191326	110-TI-103	110-TI-103:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191327	110-TI-105	110-TI-105:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191328	110-TI-107	110-TI-107:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191329	110-TI-121	110-TI-121:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191330	110-TI-124	110-TI-124:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191331	110-TI-126	110-TI-126:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191332	110-TI-143	110-TI-143:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191333	110-TI-144	110-TI-144:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191334	110-TI-145	110-TI-145:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191335	110-TI-146	110-TI-146:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191336	110-TI-147	110-TI-147:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191337	110-TI-401	110-TI-401:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191338	110-TI-404	110-TI-404:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191339	110-TI-405	110-TI-405:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191340	110-TI-501	110-TI-501:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191341	110-TI-504	110-TI-504:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191342	110-TI-505	110-TI-505:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191343	110-TI-601	110-TI-601:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330191344	110-TI-602	110-TI-602:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330191345	110-TI-603	110-TI-603:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSOR AREA AREA-109	Compressor Area	Zone 5
	330191346	110-TI-604	110-TI-604:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330191347	110-TI-605	110-TI-605:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330191348	110-TIT-506	110-TIT-506:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191349	110-TSH-110	110-TSH-110:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191350	110-TSH-210	110-TSH-210:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191351	110-TSHH-106	110-TSHH-106:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191352	110-TSHH-206	110-TSHH-206:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191353	110-TT-102	110-TT-102:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191354	110-TT-104	110-TT-104:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191355	110-TT-108	110-TT-108:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191356	110-TT-109	110-TT-109:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191357	110-TT-127	110-TT-127:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191358	110-TT-128	110-TT-128:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191359	110-TT-227	110-TT-227:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191360	110-TT-228	110-TT-228:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191361	110-TT-229	110-TT-229:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191362	110-TT-230	110-TT-230:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191363	110-TT-231	110-TT-231:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191364	110-TT-232	110-TT-232:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191365	110-TT-233	110-TT-233:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191366	110-TT-234	110-TT-234:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191367	110-TT-235	110-TT-235:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191368	110-TT-236	110-TT-236:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191369	110-TT-241	110-TT-241:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191989	111-TE-951N	111-TE-951N:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191990	111-TE-952D	111-TE-952D:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191991	111-TE-952N	111-TE-952N:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191993	111-TE-961A	111-TE-961A:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191994	111-TE-961B	111-TE-961B:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191995	111-TE-961C	111-TE-961C:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191996	111-TE-962D	111-TE-962D:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191997	111-TE-962N	111-TE-962N:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191998	111-TE-963D	111-TE-963D:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191999	111-TE-963N	111-TE-963N:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192000	111-TE-971D	111-TE-971D:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192047	111-TE-001	111-TE-001:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192048	111-TE-021	111-TE-021:TEMPERATURE ELEMENT, RTD	D	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192049	111-TE-024	111-TE-024:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192050	111-TE-031	111-TE-031:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192051	111-TE-051	111-TE-051:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192052	111-TE-055	111-TE-055:TEMPERATURE ELEMENT	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192053	111-TE-941D	111-TE-941D:TEMPERATURE ELEMENT	C	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192054	111-TE-941N	111-TE-941N:TEMPERATURE ELEMENT	C	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192055	111-TE-942D	111-TE-942D:TEMPERATURE ELEMENT	C	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192056	111-TE-942N	111-TE-942N:TEMPERATURE ELEMENT	C	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192057	111-TE-951D	111-TE-951D:TEMPERATURE ELEMENT	C	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192058	111-TE-971N	111-TE-971N:TEMPERATURE ELEMENT	C	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192059	111-TE-972D	111-TE-972D:TEMPERATURE ELEMENT	C	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192060	111-TE-972N	111-TE-972N:TEMPERATURE ELEMENT	C	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192061	111-TI-002	111-TI-002:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192062	111-TI-013	111-TI-013:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192063	111-TI-015	111-TI-015:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192064	111-TI-018	111-TI-018:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192065	111-TI-020	111-TI-020:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192066	111-TI-025	111-TI-025:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192067	111-TI-028	111-TI-028:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192068	111-TI-032	111-TI-032:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192069	111-TI-101	111-TI-101:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192070	111-TI-102C	111-TI-102C:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192071	111-TI-112	111-TI-112:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192072	111-TI-113	111-TI-113:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192073	111-TI-114C	111-TI-114C:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192074	111-TI-116C	111-TI-116C:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192075	111-TI-121	111-TI-121:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192076	111-TI-122	111-TI-122:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330192077	111-TI-125	111-TI-125:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192078	111-TI-131	111-TI-131:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192079	111-TI-138	111-TI-138:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192080	111-TI-033	111-TI-033:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192081	111-TI-034	111-TI-034:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192082	111-TI-035	111-TI-035:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192083	111-TI-038	111-TI-038:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192084	111-TI-039	111-TI-039:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192085	111-TI-040	111-TI-040:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192086	111-TI-042	111-TI-042:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192087	111-TI-043	111-TI-043:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192088	111-TI-044	111-TI-044:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192089	111-TI-045	111-TI-045:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192090	111-TI-100	111-TI-100:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192091	111-TI-200	111-TI-200:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192092	111-TI-201	111-TI-201:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192093	111-TI-212	111-TI-212:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192094	111-TI-213	111-TI-213:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192095	111-TI-221	111-TI-221:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192096	111-TI-222	111-TI-222:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192097	111-TI-225	111-TI-225:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192098	111-TI-231	111-TI-231:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192099	111-TI-238	111-TI-238:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192100	111-TI-300	111-TI-300:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192101	111-TI-301	111-TI-301:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192102	111-TI-421	111-TI-421:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192103	111-TI-422	111-TI-422:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192104	111-TI-425	111-TI-425:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192106	111-TI-431	111-TI-431:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192108	111-TI-438	111-TI-438:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192111	111-TI-901	111-TI-901:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192114	111-TI-902	111-TI-902:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192116	111-TI-903	111-TI-903:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192117	111-TI-911	111-TI-911:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192118	111-TI-912	111-TI-912:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192119	111-TI-913	111-TI-913:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192121	111-TIS-941D	111-TIS-941D:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192123	111-TIS-941N	111-TIS-941N:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192126	111-TIS-942D	111-TIS-942D:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192129	111-TIS-942N	111-TIS-942N:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192130	111-TIS-951D	111-TIS-951D:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192131	111-TIS-951N	111-TIS-951N:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192132	111-TIS-952D	111-TIS-952D:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192133	111-TIS-952N	111-TIS-952N:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192135	111-TIS-962D	111-TIS-962D:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192137	111-TIS-962N	111-TIS-962N:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192139	111-TIS-963D	111-TIS-963D:TEMPERATURE INDICATOR SWITC	A	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192142	111-TSH-322	111-TSH-322:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192144	111-TSH-421	111-TSH-421:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192147	111-TSH-422	111-TSH-422:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192148	111-TSH-921	111-TSH-921:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192149	111-TSH-922	111-TSH-922:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192150	111-TT-047A	111-TT-047A:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192151	111-TT-047B	111-TT-047B:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192153	111-TT-047C	111-TT-047C:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192154	111-TT-048A	111-TT-048A:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192156	111-TT-048B	111-TT-048B:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192158	111-TT-048C	111-TT-048C:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192176	111-TW-112	111-TW-112:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192177	111-TW-113	111-TW-113:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192178	111-TW-114	111-TW-114:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192179	111-TW-116	111-TW-116:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192180	111-TW-131	111-TW-131:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192181	111-TW-138	111-TW-138:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192182	111-TW-140	111-TW-140:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192183	111-TW-901	111-TW-901:THERMOWELL	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192184	111-TW-902	111-TW-902:THERMOWELL	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192185	111-TW-903	111-TW-903:THERMOWELL	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192186	111-TW-911	111-TW-911:THERMOWELL	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192198	111-TI-312	111-TI-312:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192199	111-TI-313	111-TI-313:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192200	111-TI-321	111-TI-321:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192201	111-TI-322	111-TI-322:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192202	111-TI-325	111-TI-325:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192203	111-TI-331	111-TI-331:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192204	111-TI-338	111-TI-338:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192205	111-TI-400	111-TI-400:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192206	111-TI-401	111-TI-401:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192207	111-TI-412	111-TI-412:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192208	111-TI-413	111-TI-413:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192209	111-TI-920	111-TI-920:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192210	111-TI-921	111-TI-921:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192211	111-TI-922	111-TI-922:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192212	111-TI-943	111-TI-943:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192213	111-TI-953	111-TI-953:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192214	111-TI-973	111-TI-973:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192215	111-TI-993	111-TI-993:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192216	111-TI-994	111-TI-994:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192217	111-TI-995	111-TI-995:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192218	111-TIC-105C	111-TIC-105C:TEMPERATURE INDICATOR CONTR	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192219	111-TIC-205	111-TIC-205:TIC, BOILER NO.2 FINAL SUPER	B	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192220	111-TIS-963N	111-TIS-963N:TEMPERATURE INDICATOR SWITC	A	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192221	111-TIS-971D	111-TIS-971D:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192222	111-TIS-971N	111-TIS-971N:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192223	111-TIS-972D	111-TIS-972D:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192224	111-TIS-972N	111-TIS-972N:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192225	111-TP-117	111-TP-117:TEMPERATURE POINT	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192226	111-TSH-121	111-TSH-121:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192227	111-TSH-122	111-TSH-122:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192228	111-TSH-221	111-TSH-221:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192229	111-TSH-222	111-TSH-222:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192230	111-TSH-321	111-TSH-321:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192231	111-TT-049A	111-TT-049A:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192232	111-TT-049B	111-TT-049B:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192233	111-TT-049C	111-TT-049C:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192234	111-TT-050A	111-TT-050A:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192235	111-TT-050B	111-TT-050B:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192236	111-TT-050C	111-TT-050C:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192242	111-TW-100	111-TW-100:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192243	111-TW-101	111-TW-101:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192244	111-TW-102	111-TW-102:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192245	111-TW-103	111-TW-103:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192246	111-TW-104	111-TW-104:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192247	111-TW-105	111-TW-105:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192248	111-TW-106	111-TW-106:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192249	111-TW-107	111-TW-107:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192250	111-TW-108	111-TW-108:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192252	111-TW-109	111-TW-109:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192253	111-TW-111	111-TW-111:THERMOWELL	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192254	111-TW-912	111-TW-912:THERMOWELL	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192256	111-TW-913	111-TW-913:THERMOWELL	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192258	111-TW-920	111-TW-920:THERMOWELL	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192259	111-TW-921	111-TW-921:THERMOWELL	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192260	111-TW-943	111-TW-943:THERMOWELL	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192261	111-TW-953	111-TW-953:THERMOWELL	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192262	111-TW-973	111-TW-973:THERMOWELL	D	INST-05	Temperature Device	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192264	111-TW-993	111-TW-993:THERMOWELL	D	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192267	111-TW-994	111-TW-994:THERMOWELL	D	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192270	111-TW-995	111-TW-995:THERMOWELL	D	INST-05	Temperature Device	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330193141	115-TI-001	115-TI-001:TEMPERATURE INDICATOR, SEA WA	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193142	115-TI-002	115-TI-002:TEMPERATURE INDICATOR, SEA WA	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193143	115-TI-005	115-TI-005:TEMP. INDICATOR, HP STEAMFROM	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330193144	115-TI-006	115-TI-006:TEMP. INDICATOR, HP STEAMFROM	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193245	116-TE-059	116-TE-059:TEMP. ELEMENT, COOLING WATER	D	INST-05	Temperature Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330193246	116-TE-062	116-TE-062:TEMP. ELEMENT, COOLING WATER	D	INST-05	Temperature Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330193272	116-TI-005	116-TI-005:TEMP. INDICATOR, HP STEAM FRO	D	INST-05	Temperature Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330193273	116-TI-006	116-TI-006:TEMP. INDICATOR, HP STEAM FRO	D	INST-05	Temperature Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330193660	117-TI-001	117-TI-001:TEMP. INDICATOR, CHILLED COOL	D	INST-05	Temperature Device	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330194224	119-TE-001	119-TE-001:TEMPERATURE ELEMENT, PILOT 1H	D	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330194225	119-TE-002	119-TE-002:TEMPERATURE ELEMENT, PILOT 2	D	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330194226	119-TE-003	119-TE-003:TEMPERATURE ELEMENT, PILOT 3	C	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330194227	119-TE-004	119-TE-004:TEMPERATURE ELEMENT, PILOT 4	C	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330194228	119-TE-007	119-TE-007:TEMPERATURE ELEMENT, PILOT 1L	D	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330194229	119-TE-008	119-TE-008:TEMPERATURE ELEMENT, PILOT 2	C	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330194230	119-TE-009	119-TE-009:TEMPERATURE ELEMENT, PILOT 3	D	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330194231	119-TE-010	119-TE-010:TEMPERATURE ELEMENT, PILOT 4	C	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330194234	119-TIT-001	119-TIT-001:T. INDICATOR TRANSMITTER, PI	B	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330194299	119-TIT-002	119-TIT-002:T. INDICATOR TRANSMITTER, PI	C	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330194300	119-TIT-003	119-TIT-003:T. INDICATOR TRANSMITTER, PI	C	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330194301	119-TIT-004	119-TIT-004:T. INDICATOR TRANSMITTER, PI	C	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330194302	119-TIT-007	119-TIT-007:T. INDICATOR TRANSMITTER, PI	C	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330194303	119-TIT-008	119-TIT-008:T. INDICATOR TRANSMITTER, PI	C	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330194304	119-TIT-009	119-TIT-009:T. INDICATOR TRANSMITTER, PI	C	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330194305	119-TIT-010	119-TIT-010:T. INDICATOR TRANSMITTER, PI	C	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330194306	119-TT-056	119-TT-056:TEMPERATURE TRANSMITTER, HP F	D	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330194307	119-TT-057	119-TT-057:TEMPERATURE TRANSMITTER, LP F	B	INST-05	Temperature Device	FLARE SYSTEM AREA-119		Zone 5
	330200700	120-TE-101	120-TE-101:TEMPERATURE ELEMENT, RTD	D	INST-05	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330200703	120-TE-102	120-TE-102:TEMPERATURE ELEMENT, RTD	D	INST-05	Temperature Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200706	120-TE-103	120-TE-103:TEMPERATURE ELEMENT, RTD	D	INST-05	Temperature Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200709	120-TE-104	120-TE-104:TEMPERATURE ELEMENT, RTD	D	INST-05	Temperature Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200712	120-TE-105	120-TE-105:TEMPERATURE ELEMENT, RTD	D	INST-05	Temperature Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200715	120-TE-106	120-TE-106:TEMPERATURE ELEMENT, RTD	D	INST-05	Temperature Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200718	120-TE-107	120-TE-107:TEMPERATURE ELEMENT, RTD	B	INST-05	Temperature Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200721	120-TIT-107	120-TIT-107:TEMPERATURE INDICATOR TRANSM	B	INST-05	Temperature Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200724	120-TSH-108	120-TSH-108:TEMPERATURE SWITCH HIGH	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200727	120-TSH-109	120-TSH-109:TEMPERATURE SWITCH HIGH	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200730	120-TSH-110	120-TSH-110:TEMPERATURE SWITCH HIGH	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200733	120-TSH-111	120-TSH-111:TEMPERATURE SWITCH HIGH	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200736	120-TSH-112	120-TSH-112:TEMPERATURE SWITCH HIGH	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200739	120-TSH-113	120-TSH-113:TEMPERATURE SWITCH HIGH	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330200742	120-TSH-114	120-TSH-114:TEMPERATURE SWITCH HIGH	D	INST-05	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330200744	120-TSH-115	120-TSH-115:TEMPERATURE SWITCH HIGH	D	INST-05	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330200833	120-TI-002	120-TI-002:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200836	120-TI-122	120-TI-122:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330200839	120-TI-123	120-TI-123:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330200842	120-TI-124	120-TI-124:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200845	120-TI-125	120-TI-125:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	EFFLUENT STORAGE AREA-120		Zone 5
	330200848	120-TIT-101	120-TIT-101:TEMPERATURE INDICATOR TRANSM	D	INST-05	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330200851	120-TIT-102	120-TIT-102:TEMPERATURE INDICATOR TRANSM	D	INST-05	Temperature Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200854	120-TIT-103	120-TIT-103:TEMPERATURE INDICATOR TRANSM	D	INST-05	Temperature Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200857	120-TIT-104	120-TIT-104:TEMPERATURE INDICATOR TRANSM	D	INST-05	Temperature Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200860	120-TIT-105	120-TIT-105:TEMPERATURE INDICATOR TRANSM	D	INST-05	Temperature Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200863	120-TIT-106	120-TIT-106:TEMPERATURE INDICATOR TRANSM	D	INST-05	Temperature Device	ANAEROBIC TREATMENT AREA-120		Zone 5
	330203646	124-TI-002	124-TI-002:TEMPERATURE INDICATOR	C	INST-05	Temperature Device	CAUSTIC SYSTEM AREA-124		Zone 5
	330203768	123-TSH-001	123-TSH-001:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	330203772	123-TSH-002	123-TSH-002:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	330203775	123-TSH-003	123-TSH-003:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	330203788	124-TSH-003	124-TSH-003:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	CAUSTIC SYSTEM AREA-124		Zone 5
	330203791	124-TSH-004	124-TSH-004:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	CAUSTIC SYSTEM AREA-124		Zone 5
	330203794	124-TSH-005	124-TSH-005:TEMPERATURE SWITCH HIGH	C	INST-05	Temperature Device	CAUSTIC SYSTEM AREA-124		Zone 5
	330228153	111-TE-102	111-TE-102:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228154	111-TE-103	111-TE-103:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228155	111-TE-105	111-TE-105:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228156	111-TE-107	111-TE-107:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228157	111-TE-110A	111-TE-110A:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228158	111-TE-110B	111-TE-110B:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228159	111-TE-110C	111-TE-110C:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228160	111-TE-111	111-TE-111:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228161	111-TE-114	111-TE-114:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228162	111-TIS-117D	111-TIS-117D:TEMPERATURE INDICATOR SWITC	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228163	111-TIS-117N	111-TIS-117N:TEMPERATURE INDICATOR SWITC	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228164	111-TIS-119D	111-TIS-119D:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228165	111-TIS-119N	111-TIS-119N:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228166	111-TIS-121	111-TIS-121:TEMPERATURE INDICATOR SWITCH	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228167	111-TIT-102	111-TIT-102:TEMPERATURE INDICATOR TRANSM	A	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228168	111-TIT-103	111-TIT-103:TEMPERATURE INDICATOR TRANSM	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228169	111-TIT-105	111-TIT-105:TEMPERATURE INDICATOR TRANSM	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228170	111-TIT-107	111-TIT-107:TEMPERATURE INDICATOR TRANSM	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228171	111-TE-116	111-TE-116:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228172	111-TE-117D	111-TE-117D:TEMPERATURE ELEMENT	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228173	111-TE-117N	111-TE-117N:TEMPERATURE ELEMENT	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228174	111-TE-119D	111-TE-119D:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228175	111-TE-119N	111-TE-119N:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228176	111-TE-121	111-TE-121:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228177	111-TE-140	111-TE-140:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228178	111-TIT-111	111-TIT-111:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228179	111-TIT-114	111-TIT-114:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228180	111-TIT-116	111-TIT-116:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228181	111-TIT-140	111-TIT-140:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228378	115-TE-101B	115-TE-101B:TEMPERATURE ELEMENT, TURB TH	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228379	115-TE-103A	115-TE-103A:TEMPERATURE ELEMENT, TURB TH	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228380	115-TE-103B	115-TE-103B:TEMPERATURE ELEMENT, TURB TH	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228381	115-TE-105A	115-TE-105A:TEMPERATURE ELEMENT, TURB JN	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228382	115-TE-105B	115-TE-105B:TEMPERATURE ELEMENT, TURB JN	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228383	115-TE-107A	115-TE-107A:TEMPERATURE ELEMENT, TURB JN	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228384	115-TE-107B	115-TE-107B:TEMPERATURE ELEMENT, TURB JN	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228385	115-TE-109A	115-TE-109A:TEMPERATURE ELEMENT, HSS GEA	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228386	115-TE-109B	115-TE-109B:TEMPERATURE ELEMENT, HSS GEA	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228387	115-TE-111A	115-TE-111A:TEMPERATURE ELEMENT, HSS GEA	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228388	115-TE-111B	115-TE-111B:TEMPERATURE ELEMENT, HSS GEA	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228416	115-TE-101A	115-TE-101A:TEMPERATURE ELEMENT, TURB TH	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228417	115-TE-113A	115-TE-113A:TEMPERATURE ELEMENT, HSS GEA	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228418	115-TE-113B	115-TE-113B:TEMPERATURE ELEMENT, HSS GEA	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228419	115-TE-115A	115-TE-115A:TEMPERATURE ELEMENT, HSS GEA	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228420	115-TE-115B	115-TE-115B:TEMPERATURE ELEMENT, HSS GEA	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228421	115-TE-142	115-TE-142:TEMPERATURE ELEMENT, LO SUPPL	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228422	115-TI-101	115-TI-101:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228423	115-TI-102	115-TI-102:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228424	115-TI-103	115-TI-103:TEMPERATURE INDICATOR	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228425	115-TI-141	115-TI-141:TEMP. INDICATOR, LUBE OIL RES	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228426	115-TI-142	115-TI-142:TEMP. INDICATOR, LUBE OIL SUP	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228427	115-TI-171	115-TI-171:TEMPERATURE INDICATOR, SURF C	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330230057	111-TE-210A	111-TE-210A:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230058	111-TE-210B	111-TE-210B:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230059	111-TE-210C	111-TE-210C:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230060	111-TE-211	111-TE-211:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230061	111-TE-214	111-TE-214:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230062	111-TE-216	111-TE-216:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230063	111-TE-217D	111-TE-217D:TEMPERATURE ELEMENT	C	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230064	111-TE-217N	111-TE-217N:TEMPERATURE ELEMENT	C	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230065	111-TE-219D	111-TE-219D:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230066	111-TE-219N	111-TE-219N:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230067	111-TE-221	111-TE-221:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230068	111-TE-316	111-TE-316:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230069	111-TE-317D	111-TE-317D:TEMPERATURE ELEMENT	C	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230070	111-TE-317N	111-TE-317N:TEMPERATURE ELEMENT	C	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230071	111-TE-319D	111-TE-319D:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230072	111-TE-319N	111-TE-319N:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230073	111-TE-321	111-TE-321:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230074	111-TE-340	111-TE-340:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230075	111-TE-402	111-TE-402:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230076	111-TE-403	111-TE-403:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230077	111-TE-405	111-TE-405:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230078	111-TE-407	111-TE-407:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330230079	111-TE-440	111-TE-440:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230080	111-TE-202	111-TE-202:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230081	111-TE-203	111-TE-203:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230082	111-TE-205	111-TE-205:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230083	111-TE-207	111-TE-207:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230084	111-TE-240	111-TE-240:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230085	111-TE-302	111-TE-302:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230086	111-TE-303	111-TE-303:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230087	111-TE-305	111-TE-305:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230088	111-TE-307	111-TE-307:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230089	111-TE-310A	111-TE-310A:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230090	111-TE-310B	111-TE-310B:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230091	111-TE-310C	111-TE-310C:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230092	111-TE-311	111-TE-311:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230093	111-TE-314	111-TE-314:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230094	111-TE-410A	111-TE-410A:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230095	111-TE-410B	111-TE-410B:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230096	111-TE-410C	111-TE-410C:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230097	111-TE-411	111-TE-411:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230098	111-TE-414	111-TE-414:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230099	111-TE-416	111-TE-416:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230100	111-TE-417D	111-TE-417D:TEMPERATURE ELEMENT	C	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230101	111-TE-417N	111-TE-417N:TEMPERATURE ELEMENT	C	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230102	111-TE-419D	111-TE-419D:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230103	111-TE-419N	111-TE-419N:TEMPERATURE ELEMENT	B	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230104	111-TE-421	111-TE-421:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230105	111-TIT-202	111-TIT-202:TEMPERATURE INDICATOR TRANSM	A	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230106	111-TIT-203	111-TIT-203:TEMPERATURE INDICATOR TRANSM	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230107	111-TIT-205	111-TIT-205:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230108	111-TIT-207	111-TIT-207:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230109	111-TIT-211	111-TIT-211:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230110	111-TIT-214	111-TIT-214:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230111	111-TIT-216	111-TIT-216:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230112	111-TIT-240	111-TIT-240:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230113	111-TIT-302	111-TIT-302:TEMPERATURE INDICATOR TRANSM	A	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230114	111-TIT-303	111-TIT-303:TEMPERATURE INDICATOR TRANSM	D	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230115	111-TIT-305	111-TIT-305:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230116	111-TIT-307	111-TIT-307:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230117	111-TIT-311	111-TIT-311:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230118	111-TIT-314	111-TIT-314:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230119	111-TIT-316	111-TIT-316:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230120	111-TIT-340	111-TIT-340:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230121	111-TIT-402	111-TIT-402:TEMPERATURE INDICATOR TRANSM	A	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230122	111-TIT-403	111-TIT-403:TEMPERATURE INDICATOR TRANSM	D	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230123	111-TIT-405	111-TIT-405:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230124	111-TIT-407	111-TIT-407:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230125	111-TIT-411	111-TIT-411:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230126	111-TIT-414	111-TIT-414:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230127	111-TIT-416	111-TIT-416:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230128	111-TIT-440	111-TIT-440:TEMPERATURE INDICATOR TRANSM	C	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330278098	111-TIC-305C	111-TIC-305C:TEMPERATURE IND CONTROLLER	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330278099	111-TIC-405C	111-TIC-405C:TEMPERATURE IND CONTROLLER	B	INST-05	Temperature Device	BOILER # 01 AREA-111	Steam Area	Zone 5
	330316146	109-TSHH-280	109-TSHH-280:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330325568	111-TIS-217D	111-TIS-217D:TEMPERATURE INDICATOR SWITC	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330325569	111-TIS-317D	111-TIS-317D:TEMPERATURE INDICATOR SWITC	D	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330325570	111-TIS-417D	111-TIS-417D:TEMPERATURE INDICATOR SWITC	D	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330325916	111-TIS-217N	111-TIS-217N:TEMPERATURE INDICATOR SWITC	D	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330326238	111-TIS-317N	111-TIS-317N:TEMPERATURE INDICATOR SWITC	D	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330326239	111-TIS-417N	111-TIS-417N:TEMPERATURE INDICATOR SWITC	D	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330326240	111-TIS-219D	111-TIS-219D:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330326309	111-TIS-319D	111-TIS-319D:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330326310	111-TIS-419D	111-TIS-419D:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330326312	111-TIS-219N	111-TIS-219N:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330326333	111-TIS-319N	111-TIS-319N:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330326334	111-TIS-419N	111-TIS-419N:TEMPERATURE INDICATOR SWITC	B	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330326336	111-TIS-221	111-TIS-221:TEMPERATURE INDICATOR SWITCH	B	INST-05	Temperature Device	BOILER # 02 AREA-111	Steam Area	Zone 5
	330326340	111-TIS-321	111-TIS-321:TEMPERATURE INDICATOR SWITCH	B	INST-05	Temperature Device	BOILER # 03 AREA-111	Steam Area	Zone 5
	330326342	111-TIS-421	111-TIS-421:TEMPERATURE INDICATOR SWITCH	B	INST-05	Temperature Device	BOILER # 04 AREA-111	Steam Area	Zone 5
	330357767	110-TSHH-302	110-TSHH-302: 1ST STAGE INTERCOOLER O/L	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330357768	110-TSHH-304	110-TSHH-304:2nd stage intercooler outle	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330357769	110-TSHH-308	110-TSHH-308: AFTER COOLER O/L AIR TEMP	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330357770	110-TSHH-333	110-TSHH-333: MOTOR WINDING TEMP SWITCH	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330357771	110-TSHH-334	110-TSHH-334: MOTOR WINDING TEMP SWITCH	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330357772	110-TSHH-335	110-TSHH-335: MOTOR WINDING TEMP SWITCH	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330357842	110-TSHH-202	110-TSHH-202: 1ST STAGE INTERCOOLER O/L	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330357843	110-TSHH-204	110-TSHH-204: 2ND STAGE INTERCOOLER O/L	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330357844	110-TSHH-208	110-TSHH-208: AFTER COOLER O/L AIR TEMP.	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330357845	110-TSHH-233	110-TSHH-233: MOTOR WINDING TEMP SWITCH	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330357846	110-TSHH-234	110-TSHH-234: MOTOR WINDING TEMP SWITCH	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330357847	110-TSHH-235	110-TSHH-235: MOTOR WINDING TEMP SWITCH	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330357848	110-TSHH-102	110-TSHH-102: 1ST STAGE INTERCOOLER O/L	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330357849	110-TSHH-104	110-TSHH-104: 2ND STAGE INTERCOOLER O/L	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330357850	110-TSHH-108	110-TSHH-108: AFTER COOLER O/L AIR TEMP.	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330362482	110-TSHH-127	110-TSHH-127: K-001 HH Oil Temp SW	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330362483	110-TSHH-128	110-TSHH-128: K-001 HH Oil Temp SW	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330362533	110-TSHH-227	110-TSHH-227: K-002 HH Oil Temp SW	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330362534	110-TSHH-228	110-TSHH-228: K-002 HH Oil Temp SW	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330362535	110-TSHH-327	110-TSHH-327: K-003 HH Oil Temp SW	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330362536	110-TSHH-328	110-TSHH-328: K-003 HH Oil Temp SW	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330362543	110-TCS-322	110-TCS-322: K-003 L/O heater on switch	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330362544	110-TCS-323	110-TCS-323: K-003 L/O heater off switch	C	INST-05	Temperature Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330423881	117-TSHH-103	117-TSHH-103:TEMPERATURE SWITCH HIGH HIG	B	INST-05	Temperature Device	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	330424661	117-TSHH-105	117-TSHH-105:TEMPERATURE SWITCH HIGH HIG	B	INST-05	Temperature Device	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	330424663	117-TSHH-107	117-TSHH-107:TEMPERATURE SWITCH HIGH HIG	B	INST-05	Temperature Device	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	330424666	117-TSHH-101	117-TSHH-101:TEMPERATURE SWITCH HIGH HIG	B	INST-05	Temperature Device	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	330455695	109-TSLL-541	109-TSLL-541;TEMPERATURE SWITCH LOW LOW	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330455696	109-TSHH-516	109-TSHH-516;TEMPERATURE SWITCH HI HI	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330455855	117-TSHH-201	117-TSHH-201: TEMPERATURE SWITCH HI HI	B	INST-05	Temperature Device	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330455856	117-TSHH-203	117-TSHH-203: TEMPERATURE SWITCH HI HI	B	INST-05	Temperature Device	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330455857	117-TSHH-205	117-TSHH-205: TEMPERATURE SWITCH HI HI	B	INST-05	Temperature Device	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330455858	117-TSHH-207	117-TSHH-207: TEMPERATURE SWITCH HI HI	B	INST-05	Temperature Device	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330455859	117-TSHH-209	117-TSHH-209: TEMPERATURE SWITCH HI HI	B	INST-05	Temperature Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	330455866	116-TSHH-101	116-TSHH-101:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455867	116-TSHH-103	116-TSHH-103:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455868	116-TSHH-105	116-TSHH-105:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455869	116-TSHH-107	116-TSHH-107:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455870	116-TSHH-109	116-TSHH-109:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455871	116-TSHH-111	116-TSHH-111:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455872	116-TSHH-113	116-TSHH-113:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455873	116-TSHH-115	116-TSHH-115:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455899	116-TSHH-201	116-TSHH-201:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455900	116-TSHH-203	116-TSHH-203:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455901	116-TSHH-205	116-TSHH-205:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455902	116-TSHH-207	116-TSHH-207:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455903	116-TSHH-209	116-TSHH-209:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455904	116-TSHH-211	116-TSHH-211:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455905	116-TSHH-213	116-TSHH-213:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455906	116-TSHH-215	116-TSHH-215:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455926	116-TSHH-301	116-TSHH-301:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330455927	116-TSHH-303	116-TSHH-303 TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330455928	116-TSHH-305	116-TSHH-305:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330455929	116-TSHH-307	116-TSHH-307:TEMPERATURE SWITCH HIGH HIG	C	INST-05	Temperature Device	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330455946	115-TSHH-101	115-TSHH-101:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455947	115-TSHH-103	115-TSHH-103:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455948	115-TSHH-105	115-TSHH-105:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455949	115-TSHH-107	115-TSHH-107:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455950	115-TSHH-109	115-TSHH-109:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455951	115-TSHH-111	115-TSHH-111:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455952	115-TSHH-113	115-TSHH-113:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455953	115-TSHH-115	115-TSHH-115:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455975	115-TSHH-201	115-TSHH-201:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455976	115-TSHH-203	115-TSHH-203:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330455977	115-TSHH-205	115-TSHH-205:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455978	115-TSHH-207	115-TSHH-207:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455979	115-TSHH-209	115-TSHH-209:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455980	115-TSHH-211	115-TSHH-211:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455981	115-TSHH-213	115-TSHH-213:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455982	115-TSHH-215	115-TSHH-215:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330456002	115-TSHH-301	115-TSHH-301:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330456003	115-TSHH-303	115-TSHH-303:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330456004	115-TSHH-305	115-TSHH-305:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330456005	115-TSHH-307	115-TSHH-307:TEMPERATURE SWITCH HIGH HIG	D	INST-05	Temperature Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330460648	110-TT-454	110-TT-454:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330467993	109-TIC-18-5	109-TIC-18-5:TEMPERATURE ELEMENT	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330468000	109-TSH-930	109-TSH-930:TEMPERATURE SWITCH HIGH	D	INST-05	Temperature Device	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330521095	120-TE-1140	120-TE-1140:RTD TEMPERATURE ELEMENT	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521096	120-TE-1152	120-TE-1152:RTD TEMPERATURE ELEMENT	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521097	120-TE-1163	120-TE-1163:RTD TEMPERATURE ELEMENT	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521098	120-TE-1164	120-TE-1164:RTD TEMPERATURE ELEMENT	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521099	120-TE-1171	120-TE-1171:RTD TEMPERATURE ELEMENT	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521100	120-TE-1311	120-TE-1311:RTD TEMPERATURE ELEMENT	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521101	120-TE-1312	120-TE-1312:RTD TEMPERATURE ELEMENT	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521102	120-TI-1150	120-TI-1150:TEMPERATURE GAUGE	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521103	120-TI-1151	120-TI-1151:TEMPERATURE GAUGE	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521104	120-TI-1161	120-TI-1161:TEMPERATURE GAUGE	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521105	120-TI-1162	120-TI-1162:TEMPERATURE GAUGE	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521106	120-TIT-1001	120-TIT-1001:FILLED-SYSTEM TEMPERATURE T	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521107	120-TIT-1140	120-TIT-1140:FILLED-SYSTEM TEMPERATURE T	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521108	120-TIT-1152	120-TIT-1152:FILLED-SYSTEM TEMPERATURE T	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521109	120-TIT-1163	120-TIT-1163:FILLED-SYSTEM TEMPERATURE T	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521110	120-TIT-1164	120-TIT-1164:FILLED-SYSTEM TEMPERATURE T	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521111	120-TIT-1171	120-TIT-1171:FILLED-SYSTEM TEMPERATURE T	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521112	120-TIT-1311	120-TIT-1311:FILLED-SYSTEM TEMPERATURE T	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330521113	120-TIT-1312	120-TIT-1312:FILLED-SYSTEM TEMPERATURE T	D	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5
	330525142	000-TE/TW-5003	000-TE/TW-5003:RTD AND THERMOWELL	C	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525143	000-TE/TW-5046	000-TE/TW-5046:RTD AND THERMOWELL	C	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525144	117-TE-5003	117-TE-5003:TEMP. ELEMENT, CHILLED WATER	B	MECH-05	Temperature Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330525145	TF2-TE/TW-2201	TF2-TE/TW-2201:RTD AND THERMOWELL	D	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525146	TF2-TE/TW-2206	TF2-TE/TW-2206:RTD AND THERMOWELL	D	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525147	TF2-TE/TW-2208	TF2-TE/TW-2208:RTD AND THERMOWELL	D	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525150	V84-TE/TW-1385	V84-TE/TW-1385:RTD AND THERMOWELL	A	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525174	TF2-TE/TW-2203	TF2-TE/TW-2203:RTD AND THERMOWELL	C	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525175	TF2-TE/TW-2204	TF2-TE/TW-2204:RTD AND THERMOWELL	C	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525176	TF2-TG-2202	TF2-TG-2202:TEMPERATURE GAUGE AND THERMO	C	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525177	TF2-TG-2205	TF2-TG-2205:TEMPERATURE GAUGE AND THERMO	C	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525178	TF2-TG-2207	TF2-TG-2207:TEMPERATURE GAUGE AND THERMO	C	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525179	V84-TG-1386	V84-TG-1386:TEMPERATURE GAUGE AND THERMO	C	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525180	117-TI-5030	117-TI-5030:TEMPERATURE GAUGE AND THERMO	D	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525181	117-TI-5032	117-TI-5032:TEMPERATURE GAUGE AND THERMO	D	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525182	117-TI-5034	117-TI-5034:TEMPERATURE GAUGE AND THERMO	D	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525183	117-TI-5036	117-TI-5036:TEMPERATURE GAUGE AND THERMO	D	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525184	117-TI-5038	117-TI-5038:TEMPERATURE GAUGE AND THERMO	D	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525185	117-TI-5040	117-TI-5040:TEMPERATURE GAUGE AND THERMO	D	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525186	117-TI-5042	117-TI-5042:TEMPERATURE GAUGE AND THERMO	D	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525187	117-TI-5044	117-TI-5044:TEMPERATURE GAUGE AND THERMO	D	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525188	117-TI-5046	117-TI-5046:TEMPERATURE GAUGE AND THERMO	D	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525189	117-TI-5048	117-TI-5048:TEMPERATURE GAUGE AND THERMO	D	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525190	132-TI-5003	132-TI-5003:TEMPERATURE GAUGE AND THERMO	D	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525191	132-TI-5006	132-TI-5006:TEMPERATURE GAUGE AND THERMO	D	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525229	000-TT-5003	000-TT-5003:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525230	000-TT-5046	000-TT-5046:TEMPERATURE TRANSMITTER	C	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525231	117-TT-5003	117-TT-5003:TEMPERATURE TRANSMITTER	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525232	TF2-TT-2201	TF2-TT-2201:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525233	TF2-TT-2206	TF2-TT-2206:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525234	TF2-TT-2208	TF2-TT-2208:TEMPERATURE TRANSMITTER	D	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525237	V84-TT-1385	V84-TT-1385:TEMPERATURE TRANSMITTER	A	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525249	000-TW-5044	000-TW-5044:THERMOWELL	C	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330525250	116-TW-5001	116-TW-5001:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525251	116-TW-5002	116-TW-5002:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525252	116-TW-5003	116-TW-5003:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525253	116-TW-5004	116-TW-5004:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525254	116-TW-5005	116-TW-5005:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525255	116-TW-5006	116-TW-5006:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525256	116-TW-5007	116-TW-5007:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525257	116-TW-5008	116-TW-5008:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525258	116-TW-5009	116-TW-5009:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525259	116-TW-5010	116-TW-5010:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525260	116-TW-5011	116-TW-5011:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525261	116-TW-5012	116-TW-5012:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525262	116-TW-5013	116-TW-5013:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525263	116-TW-5014	116-TW-5014:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525264	116-TW-5015	116-TW-5015:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525265	116-TW-5016	116-TW-5016:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525266	116-TW-5017	116-TW-5017:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525267	116-TW-5018	116-TW-5018:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525268	116-TW-5019	116-TW-5019:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525269	116-TW-5020	116-TW-5020:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525270	116-TW-5021	116-TW-5021:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525271	116-TW-5022	116-TW-5022:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525272	116-TW-5023	116-TW-5023:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525273	116-TW-5024	116-TW-5024:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area	Zone 5
	330525274	117-TW-5029	117-TW-5029:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525275	117-TW-5031	117-TW-5031:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525276	117-TW-5033	117-TW-5033:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525277	117-TW-5035	117-TW-5035:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525278	117-TW-5037	117-TW-5037:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525279	117-TW-5039	117-TW-5039:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525280	117-TW-5041	117-TW-5041:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525281	117-TW-5043	117-TW-5043:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525282	117-TW-5045	117-TW-5045:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330525283	117-TW-5047	117-TW-5047:THERMOWELL	B	MECH-05	Temperature Device	AEROBIC TREATMENT AREA-120	Cooling Water Area 2	Zone 5
	330532044	120-TIT-1305	120-TIT-1305:FILLED-SYSTEM TEMPERATURE T	B	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532046	120-TIT-1542	120-TIT-1542:FILLED-SYSTEM TEMPERATURE T	D	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532047	120-TI-1543	120-TI-1543:TEMPERATURE GAUGE	D	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532048	120-TI-1545	120-TI-1545:TEMPERATURE GAUGE	D	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532049	120-TIT-1301	120-TIT-1301:FILLED-SYSTEM TEMPERATURE T	B	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532050	120-TIT-1303	120-TIT-1303:FILLED-SYSTEM TEMPERATURE T	B	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532051	120-TIT-1302	120-TIT-1302:FILLED-SYSTEM TEMPERATURE T	B	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532052	120-TIT-1541	120-TIT-1541:FILLED-SYSTEM TEMPERATURE T	C	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532053	120-TI-1544	120-TI-1544:TEMPERATURE GAUGE	D	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532054	120-TIT-1306	120-TIT-1306:FILLED-SYSTEM TEMPERATURE T	B	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532055	120-TE-1542	120-TE-1542:RTD TEMPERATURE ELEMENT	C	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532056	120-TIT-1304	120-TIT-1304:FILLED-SYSTEM TEMPERATURE T	B	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532057	120-TE-1541	120-TE-1541:RTD TEMPERATURE ELEMENT	C	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532058	120-TIT-1165C2	120-TIT-1165C2:FILLED-SYSTEM TEMPERATURE	C	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532060	120-TIT-1165D2	120-TIT-1165D2:FILLED-SYSTEM TEMPERATURE	C	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532065	120-TIT-1165B1	120-TIT-1165B1:FILLED-SYSTEM TEMPERATURE	C	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532066	120-TIT-1165C1	120-TIT-1165C1:FILLED-SYSTEM TEMPERATURE	C	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532067	120-TIT-1165A2	120-TIT-1165A2:FILLED-SYSTEM TEMPERATURE	C	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532069	120-TIT-1165D1	120-TIT-1165D1:FILLED-SYSTEM TEMPERATURE	C	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532070	120-TIT-1165A1	120-TIT-1165A1:FILLED-SYSTEM TEMPERATURE	C	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330532072	120-TIT-1165B2	120-TIT-1165B2:FILLED-SYSTEM TEMPERATURE	C	INST-03	Temperature Device	PRETREATMENT AREA AREA-120		Zone 5
	330533961	V84-TE-1387	V84-TE-1387: RTD	A	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330533968	72-TE-121	72-TE-121: RTD	A	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330533969	72-TE-122	72-TE-122: RTD	A	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330533970	72-TE-123	72-TE-123: RTD	A	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330533971	72-TE-124	72-TE-124: RTD	A	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330533988	V84-TG-1388	V84-TG-1388: Temperature gauge	C	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330534009	V84-TT-1387	V84-TT-1387: Temperature Transmitter	A	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330534016	72-TT-121	72-TT-121: TEMPERATURE TRANSMITTER	A	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330534017	72-TT-122	72-TT-122: TEMPERATURE TRANSMITTER	A	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330534018	72-TT-123	72-TT-123: TEMPERATURE TRANSMITTER	A	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330534019	72-TT-124	72-TT-124: TEMPERATURE TRANSMITTER	A	INST-05	Temperature Device	PIPING SYSTEM		Zone 5
	330536392	120-TE-1001	120-TE-1001:RTD TEMPERATURE ELEMENT	C	INST-05	Temperature Device	AEROBIC TREATMENT AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
TRANSFORMERS									
39	320035313	000-PTR-002A	000-PTR-002A:POWER TRANSFORMER	A	ELEC-05	Transformers	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035314	000-PTR-002B	000-PTR-002B:POWER TRANSFORMER	A	ELEC-05	Transformers	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035316	000-PTR-003A	000-PTR-003A:POWER TRANSFORMER	B	ELEC-05	Transformers	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035317	000-PTR-003B	000-PTR-003B:POWER TRANSFORMER	B	ELEC-05	Transformers	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035318	000-PTR-003E	000-PTR-003E:POWER TRANSFORMER	B	ELEC-05	Transformers	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035349	000-PTR-004A	000-PTR-004A:POWER TRANSFORMER	B	ELEC-05	Transformers	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035350	000-PTR-004B	000-PTR-004B:POWER TRANSFORMER	B	ELEC-05	Transformers	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035353	000-PTR-006A	000-PTR-006A:POWER TRANSFORMER	B	ELEC-05	Transformers	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035354	000-PTR-006B	000-PTR-006B:POWER TRANSFORMER	B	ELEC-05	Transformers	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035355	000-PTR-006E	000-PTR-006E:POWER TRANSFORMER	B	ELEC-05	Transformers	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320037960	120-PTR-013A	120-PTR-013A:POWER TRANSFORMER	D	ELEC-05	Transformers	ETP SUBSTATION		Zone 5
	320037961	120-PTR-013B	120-PTR-013B:POWER TRANSFORMER	D	ELEC-05	Transformers	ETP SUBSTATION		Zone 5
	320123197	P-T-10-11	P-T-10-11:RANSFORMER, OIL IMMERSED TYPE	A	ELEC-03	Transformers	PIPING SYSTEM		Zone 5
	320123288	P-T-120-01	P-T-120-01:CAPACITY : 2500 KVA (ONAN), R	A	ELEC-05	Transformers	PRETREATMENT AREA AREA-120		Zone 5
	320123289	P-T-120-02	P-T-120-02:CAPACITY : 2500 KVA (ONAN), R	A	ELEC-05	Transformers	PRETREATMENT AREA AREA-120		Zone 5
	320123290	P-T-120-03	P-T-120-03:OUTDOOR TYPE DRY TYPE TRANSFO	B	ELEC-03	Transformers	PRETREATMENT AREA AREA-120		Zone 5
	320123291	P-T-120-04	P-T-120-04:OUTDOOR TYPE DRY TYPE TRANSFO	B	ELEC-03	Transformers	PRETREATMENT AREA AREA-120		Zone 5
	320123292	P-T-120-05	P-T-120-05:OUTDOOR TYPE DRY TYPE TRANSFO	B	ELEC-03	Transformers	PRETREATMENT AREA AREA-120		Zone 5
	320123293	P-T-120-06	P-T-120-06:OUTDOOR TYPE DRY TYPE TRANSFO	B	ELEC-03	Transformers	PRETREATMENT AREA AREA-120		Zone 5
	320125404	113-CPR-001	113-CPR-001: CATHODIC PROTECTION RECTIFI	B	ELEC-05	Transformers	PIPING SYSTEM	Process Water Area	Zone 5
	320125407	115-100-CPR-004	115-100-CPR-004: CATHODIC PROTECTION REC	B	ELEC-05	Transformers	PIPING SYSTEM	Sea Water Area	Zone 5
	320125408	119-100-CPR-005	119-100-CPR-005: CATHODIC PROTECTION REC	B	ELEC-05	Transformers	PIPING SYSTEM		Zone 5
	320233638	120-CPR-F-114	120-CPR-F-114: CATHODIC PROTECTION RECTI	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233639	120-CPR-Q-101	120-CPR-Q-101: CATHODIC PROTECTION RECTI	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233640	120-CPR-Q-111A	120-CPR-Q-111A: CATHODIC PROTECTION RECT	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233641	120-CPR-Q-111B	120-CPR-Q-111B: CATHODIC PROTECTION RECT	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233642	120-CPR-Q-111C	120-CPR-Q-111C: CATHODIC PROTECTION RECT	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233643	120-CPR-Q-112	120-CPR-Q-112: CATHODIC PROTECTION RECTI	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233644	120-CPR-Q-117	120-CPR-Q-117: CATHODIC PROTECTION RECTI	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233645	120-CPR-Q-121	120-CPR-Q-121: CATHODIC PROTECTION RECTI	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233646	120-CPR-Q-122	120-CPR-Q-122: CATHODIC PROTECTION RECTI	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233647	120-CPR-Q-123	120-CPR-Q-123: CATHODIC PROTECTION RECTI	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233648	120-CPR-Q-124	120-CPR-Q-124: CATHODIC PROTECTION RECTI	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233649	120-CPR-Q-125	120-CPR-Q-125: CATHODIC PROTECTION RECTI	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233650	120-CPR-Q-131A1	120-CPR-Q-131A1: CATHODIC PROTECTION REC	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233651	120-CPR-Q-131A2	120-CPR-Q-131A2: CATHODIC PROTECTION REC	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233652	120-CPR-Q-131A3_	120-CPR-Q-131A3_1: CATHODIC PROTECTION R	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233653	120-CPR-Q-131A3_	120-CPR-Q-131A3_2: CATHODIC PROTECTION R	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233654	120-CPR-Q-131B1	120-CPR-Q-131B1: CATHODIC PROTECTION REC	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233655	120-CPR-Q-131B2	120-CPR-Q-131B2: CATHODIC PROTECTION REC	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233656	120-CPR-Q-131B3_	120-CPR-Q-131B3_1: CATHODIC PROTECTION R	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233657	120-CPR-Q-131B3_	120-CPR-Q-131B3_2: CATHODIC PROTECTION R	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233658	120-CPR-Q-132	120-CPR-Q-132: CATHODIC PROTECTION RECTI	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233659	120-CPR-Q-134	120-CPR-Q-134: CATHODIC PROTECTION RECTI	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233670	120-CPR-Q-141	120-CPR-Q-141: CATHODIC PROTECTION RECTI	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233671	120-CPR-Q-145	120-CPR-Q-145: CATHODIC PROTECTION RECTI	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233672	120-CPR-Q-169	120-CPR-Q-169: CATHODIC PROTECTION RECTI	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233673	120-CPR-Q-170	120-CPR-Q-170: CATHODIC PROTECTION RECTI	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
	320233674	120-CPR-Q-168	120-CPR-Q-168: CATHODIC PROTECTION RECTI	B	ELEC-05	Transformers	AEROBIC TREATMENT AREA-120		Zone 5
TURBINE									
40	310065099	109-K-002	109-K-002:EXPANDER	B	MECH-05	Turbine	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	310065441	110-KS-001	110-KS-001:COMPRESSOR 1 STEAM TURBINE DR	A	MECH-05	Turbine	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	310067089	115-GS-004	115-GS-004:TURB DRVR FOR CONDENSATE PUMP	B	MECH-05	Turbine	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310067090	115-GS-005	115-GS-005:TURB DRVR FOR CONDENSATE PUMP	B	MECH-05	Turbine	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310067091	115-GS-006	115-GS-006:TURBINE DRIVER FOR LUBE OIL P	B	MECH-05	Turbine	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310067092	115-GS-007	115-GS-007:TURBINE DRIVER FOR CONDENSATE	A	MECH-05	Turbine	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310067093	115-GS-008	115-GS-008:TURBINE DRIVER FOR CONDENSATE	A	MECH-05	Turbine	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310067094	115-GS-010	115-GS-010:TURBINE DRIVER FOR 115-G-010	A	MECH-05	Turbine	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310067095	115-GS-017	115-GS-017:TURBINE DRIVER FOR CONDENSATE	A	MECH-05	Turbine	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310067096	115-GS-018	115-GS-018:TURBINE DRIVER FOR CONDENSATE	A	MECH-05	Turbine	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310067097	115-GS-020	115-GS-020:TURBINE DRIVER FOR 115-G-020	A	MECH-05	Turbine	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310067127	116-GS-004	116-GS-004:TURBINE DRIVER FOR CONDENSATE	B	MECH-05	Turbine	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310067130	116-GS-010	116-GS-010:TURBINE DRIVER FOR 116-G-010	A	MECH-05	Turbine	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	310067148	116-GS-020	116-GS-020:TURBINE DRIVER FOR 116-G-020	A	MECH-05	Turbine	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	310067221	117-GS-006	117-GS-006:TURB DRVR FOR AUX LUBEOIL PMP	A	MECH-05	Turbine	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	310080400	111-GS-001	111-GS-001:STEAM TURBINE DRIVER FOR 111-	A	MECH-05	Turbine	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	310080401	111-GS-002	111-GS-002:STEAM TURBINE DRIVER FOR 111-	A	MECH-05	Turbine	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	310080402	111-GS-004	111-GS-004:STEAM TURBINE DRIVER FOR 111-	A	MECH-05	Turbine	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	310080403	111-GS-005	111-GS-005:STEAM TURBINE DRIVER FOR 111-	A	MECH-05	Turbine	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	310080412	111-GS-009	111-GS-009:STEAM TURBINE DRIVER FOR 111-	A	MECH-05	Turbine	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	310080511	113-GS-001	113-GS-001:STEAM TURBINE DRIVER FOR 113-	A	MECH-05	Turbine	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	310080512	113-GS-002	113-GS-002:STEAM TURBINE DRIVER FOR 113-	A	MECH-05	Turbine	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	310080544	115-GS-001	115-GS-001:TURBINE DRIVER FOR 115-G-001	A	MECH-05	Turbine	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310080546	115-GS-002	115-GS-002:TURBINE DRIVER FOR 115-G-002	A	MECH-05	Turbine	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	310080606	116-GS-017	116-GS-017:TURBINE DRIVER FOR CONDENSATE	A	MECH-05	Turbine	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310080608	116-GS-018	116-GS-018:TURBINE DRIVER FOR CONDENSATE	A	MECH-05	Turbine	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	310080613	117-GS-001	117-GS-001:TURBINE DRIVER FOR 117-G-001	A	MECH-05	Turbine	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	310080614	117-GS-003	117-GS-003:TURBINE DRIVER FOR CONDENSATE	A	MECH-05	Turbine	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310080615	117-GS-004	117-GS-004:TURBINE DRIVER FOR CONDENSATE	A	MECH-05	Turbine	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	310080642	119-GS-002	119-GS-002:STEAM TURBINE DRIVER FOR 119-	A	MECH-05	Turbine	FLARE SYSTEM AREA-119		Zone 5
	310080644	119-GS-004	119-GS-004:STEAM TURBINE DRIVER FOR 119-	A	MECH-05	Turbine	FLARE SYSTEM AREA-119		Zone 5
	310082441	106-GS-001	106-GS-001:STEAM TURBINE DRIVER FOR 106-	A	MECH-05	Turbine	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	310082442	111-KS-001	111-KS-001:STEAM TURBINE DRIVER FOR 111-	A	MECH-05	Turbine	BOILER # 01 AREA-111	Steam Area	Zone 5
	310082463	116-GS-001	116-GS-001:TURBINE DRIVER FOR 116-G-001	A	MECH-05	Turbine	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082464	116-GS-002	116-GS-002:TURBINE DRIVER FOR 116-G-002	A	MECH-05	Turbine	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082524	111-KS-002	111-KS-002:STEAM TURBINE DRIVER FOR 111-	A	MECH-05	Turbine	BOILER # 02 AREA-111	Steam Area	Zone 5
	310082525	111-KS-003	111-KS-003:STEAM TURBINE DRIVER FOR 111-	A	MECH-05	Turbine	BOILER # 03 AREA-111	Steam Area	Zone 5
	310082526	111-KS-004	111-KS-004:STEAM TURBINE DRIVER FOR 111-	A	MECH-05	Turbine	BOILER # 04 AREA-111	Steam Area	Zone 5
	310082584	116-GS-007	116-GS-007:TURBINE DRIVER FOR CONDENSATE	A	MECH-05	Turbine	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	310082585	116-GS-008	116-GS-008:TURBINE DRIVER FOR CONDENSATE	A	MECH-05	Turbine	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
UPS AND DC DEVICES									
41	320035267	000-BATT-001A	000-BATT-001A:UPS BATTERY BANK A, SECURI	B	ELEC-05	UPS & DC Devices	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320035268	000-BATT-001B	000-BATT-001B:UPS BATTERY BANK B, SECURI	B	ELEC-05	UPS & DC Devices	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320035297	000-PDC-001A	000-PDC-001A:115KV SWITCHGEAR BATTERY BA	B	ELEC-05	UPS & DC Devices	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035298	000-PDC-001B	000-PDC-001B:115KV SWITCHGEAR BATTERY BA	B	ELEC-05	UPS & DC Devices	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035299	000-PDC-001C	000-PDC-001C:34.5 & 3.3KV SWITCHGEAR BAT	B	ELEC-05	UPS & DC Devices	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320035342	000-PDC-001D	000-PDC-001D:34.5 & 3.3KV SWITCHGEAR BAT	B	ELEC-05	UPS & DC Devices	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320049885	122-Y-001A	122-Y-001A:BATTERY BANK A, EDG	A	ELEC-05	UPS & DC Devices	EMERGENCY POWER SYSTEM AREA-122		Zone 5
	320049886	122-Y-001B	122-Y-001B:BATTERY BANK B, EDG	A	ELEC-05	UPS & DC Devices	EMERGENCY POWER SYSTEM AREA-122		Zone 5
	320069881	000-PDC-004A	000-PDC-004A FOR 000-PMCC-005A (BAT.CH)	B	ELEC-05	UPS & DC Devices	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320069882	000-PDC-004B	000-PDC-004B FOR 000-PMCC-005B (BAT.CH)	B	ELEC-05	UPS & DC Devices	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320069906	000-BAT-004A	000-BAT-004A FOR 000-PDC-004A	B	ELEC-05	UPS & DC Devices	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320069907	000-BAT-004B	000-BAT-004B FOR 000-PDC-004B	B	ELEC-05	UPS & DC Devices	UTILITY-2 PACKAGE SUBSTATION AREA-000		Zone 5
	320123298	P-U-120-01	P-U-120-01:220V AC UPS (UNINTERRUPTIBLE	A	ELEC-03	UPS & DC Devices	PRETREATMENT AREA AREA-120		Zone 5
	320123299	P-Y-120-01	P-Y-120-01:110V DC DUAL REDUNDANT BATTER	A	ELEC-03	UPS & DC Devices	PRETREATMENT AREA AREA-120		Zone 5
	320127405	P-Y-120-02	P-Y-120-02:BATTERY RACK FOR DC CHARGER	A	ELEC-05	UPS & DC Devices	AEROBIC TREATMENT AREA-120		Zone 5
	320127406	P-Y-120-03	P-Y-120-03:BATTERY RACK FOR UPS	A	ELEC-05	UPS & DC Devices	AEROBIC TREATMENT AREA-120		Zone 5
	320140678	000-BAT-001A	000-BAT-001A:115KV SWGR BATTERY BANK A	B	ELEC-05	UPS & DC Devices	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320140679	000-BAT-001B	000-BAT-001B:115KV SWGR BATTERY BANK B	B	ELEC-05	UPS & DC Devices	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320140680	000-BAT-001C	000-BAT-001C:34.5&3.3KV SWGR BATT BANK A	B	ELEC-05	UPS & DC Devices	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320140681	000-BAT-001D	000-BAT-001D:34.5&3.3KV SWGR BATT BANK B	B	ELEC-05	UPS & DC Devices	UTILITY-2 MAIN SUBSTATION AREA-000		Zone 5
	320140683	120-YBAT-01	120-YBAT-01:ETP 3 EDG BATTERY BANK	A	ELEC-05	UPS & DC Devices	PIPING SYSTEM		Zone 5
	320150255	PU-100-01A	PU-100-01A:ARAMCO METERING SKID UPS	A	ELEC-05	UPS & DC Devices	ETP SUBSTATION		Zone 5
	320150256	PU-100-01B	PU-100-01B:ARAMCO METERING SKID UPS	A	ELEC-05	UPS & DC Devices	ETP SUBSTATION		Zone 5
	320151999	P-Y-100-01A	P-Y-100-01A:ARAMCO MTRNG SKID UPS BATT A	A	ELEC-05	UPS & DC Devices	ETP SUBSTATION		Zone 5
	320152000	P-Y-100-01B	P-Y-100-01B:ARAMCO MTRNG SKID UPS BATT B	A	ELEC-05	UPS & DC Devices	ETP SUBSTATION		Zone 5
	330190432	109-HS-10	109-HS-10:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190433	109-HS-100	109-HS-100:HAND SWITCH	B	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190434	109-HS-157-1	109-HS-157-1:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190435	109-HS-157-2	109-HS-157-2:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190436	109-HS-157-3	109-HS-157-3:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190437	109-HS-158-1	109-HS-158-1:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190438	109-HS-158-2	109-HS-158-2:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190439	109-HS-158-3	109-HS-158-3:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190440	109-HS-270-1	109-HS-270-1:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190441	109-HS-270-2	109-HS-270-2:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330190442	109-HS-270-3	109-HS-270-3:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190443	109-HS-270-4	109-HS-270-4:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190444	109-HS-270-5	109-HS-270-5:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190445	109-HS-270-6	109-HS-270-6:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190446	109-HS-500	109-HS-500:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190447	109-HS-501-1	109-HS-501-1:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190448	109-HS-501-2	109-HS-501-2:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190449	109-HS-573-1	109-HS-573-1:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190450	109-HS-573-2	109-HS-573-2:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190451	109-HS-901-1	109-HS-901-1:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190452	109-HS-942A	109-HS-942A:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190453	109-HS-942B	109-HS-942B:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190454	109-HS-943	109-HS-943:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330191524	111-HS-011C	111-HS-011C:HAND SWITCH	C	INST-05	UPS & DC Devices	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191525	111-HS-051	111-HS-051:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191526	111-HS-051C	111-HS-051C:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191527	111-HS-054	111-HS-054:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191528	111-HS-054C	111-HS-054C:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191529	111-HS-057	111-HS-057:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191530	111-HS-057C	111-HS-057C:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191531	111-HS-060	111-HS-060:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191532	111-HS-060C	111-HS-060C:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191533	111-HS-064C	111-HS-064C:HAND SWITCH	C	INST-05	UPS & DC Devices	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191575	111-HIS-900	111-HIS-900:HAND SWITCH	C	INST-05	UPS & DC Devices	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191578	111-HIS-903C	111-HIS-903C:HAND SWITCH	C	INST-05	UPS & DC Devices	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191586	111-HS-103	111-HS-103:HAND SWITCH	C	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191587	111-HS-930	111-HS-930:HAND SWITCH	D	INST-05	UPS & DC Devices	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191588	111-HS-931	111-HS-931:HAND SWITCH	D	INST-05	UPS & DC Devices	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191589	111-HS-932	111-HS-932:HAND SWITCH	D	INST-05	UPS & DC Devices	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191590	111-HS-936	111-HS-936:HAND SWITCH	D	INST-05	UPS & DC Devices	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191591	111-HS-937	111-HS-937:HAND SWITCH	D	INST-05	UPS & DC Devices	CHEMICAL INJECTION SYSTEM AREA-111	Steam Area	Zone 5
	330191592	111-HS-960C	111-HS-960C:HAND SWITCH	B	INST-05	UPS & DC Devices	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191593	111-HS-990C	111-HS-990C:HAND SWITCH	C	INST-05	UPS & DC Devices	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191819	111-MHS-108	111-MHS-108:MOV SELECTOR HAND SWITCH	B	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192351	111-XHS-014	111-XHS-014:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192354	111-XHS-024	111-XHS-024:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192357	111-XHS-034	111-XHS-034:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192360	111-XHS-044	111-XHS-044:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192363	111-XHS-065A	111-XHS-065A:HAND SWITCH	C	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192366	111-XHS-066A	111-XHS-066A:HAND SWITCH	C	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192368	111-XHS-067A	111-XHS-067A:HAND SWITCH	C	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192371	111-XHS-100	111-XHS-100:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192374	111-XHS-110	111-XHS-110:HAND SWITCH	C	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192376	111-XHS-112	111-XHS-112:HAND SWITCH	C	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192379	111-XHS-166	111-XHS-166:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192382	111-XHS-169	111-XHS-169:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192385	111-XHS-171	111-XHS-171:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192388	111-XHS-172	111-XHS-172:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192391	111-XHS-173	111-XHS-173:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192394	111-XHS-176	111-XHS-176:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192397	111-XHS-178	111-XHS-178:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192400	111-XHS-179	111-XHS-179:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192403	111-XHS-180	111-XHS-180:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192406	111-XHS-183	111-XHS-183:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192409	111-XHS-185	111-XHS-185:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192503	111-XHS-138C	111-XHS-138C:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192504	111-XHS-140	111-XHS-140:HAND SWITCH	B	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192505	111-XHS-150	111-XHS-150:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192506	111-XHS-151	111-XHS-151:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192507	111-XHS-152	111-XHS-152:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192508	111-XHS-155	111-XHS-155:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192509	111-XHS-157	111-XHS-157:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192510	111-XHS-158	111-XHS-158:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192511	111-XHS-159	111-XHS-159:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192512	111-XHS-162	111-XHS-162:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192513	111-XHS-165	111-XHS-165:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192514	111-XHS-186	111-XHS-186:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192515	111-XHS-187	111-XHS-187:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192516	111-XHS-190	111-XHS-190:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192517	111-XHS-238C	111-XHS-238C:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192518	111-XHS-338C	111-XHS-338C:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192519	111-XHS-383	111-XHS-383:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192520	111-XHS-438C	111-XHS-438C:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192521	111-XHS-483	111-XHS-483:HAND SWITCH	D	INST-05	UPS & DC Devices	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192522	111-XHS-940	111-XHS-940:HAND SWITCH	C	INST-05	UPS & DC Devices	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192523	111-XHS-950	111-XHS-950:HAND SWITCH	C	INST-05	UPS & DC Devices	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192524	111-XHS-970	111-XHS-970:HAND SWITCH	C	INST-05	UPS & DC Devices	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330313421	109-HS-270-7	109-HS-270-7:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330316142	109-HS-270-8	109-HS-270-8:HAND SWITCH	C	INST-05	UPS & DC Devices	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330531965	120-FS-1662	120-FS-1662:SWITCH	B	INST-03	UPS & DC Devices	PRETREATMENT AREA AREA-120		Zone 5
	330531981	120-FS-1472	120-FS-1472:SWITCH	B	INST-03	UPS & DC Devices	PRETREATMENT AREA AREA-120		Zone 5
	330531987	120-LS-1472	120-LS-1472:SWITCH	B	INST-03	UPS & DC Devices	PRETREATMENT AREA AREA-120		Zone 5
	330531991	120-LS-1662	120-LS-1662:SWITCH	B	INST-03	UPS & DC Devices	PRETREATMENT AREA AREA-120		Zone 5
	330532021	120-PSL-1471	120-PSL-1471:SWITCH	B	INST-03	UPS & DC Devices	PRETREATMENT AREA AREA-120		Zone 5
	330532041	120-PSL-1661	120-PSL-1661:SWITCH	B	INST-03	UPS & DC Devices	PRETREATMENT AREA AREA-120		Zone 5
	330532059	120-FS-1161D1	120-FS-1161D1:SWITCH	B	INST-03	UPS & DC Devices	PRETREATMENT AREA AREA-120		Zone 5
	330532061	120-FS-1161D2	120-FS-1161D2:SWITCH	B	INST-03	UPS & DC Devices	PRETREATMENT AREA AREA-120		Zone 5
	330532062	120-FS-1161A2	120-FS-1161A2:SWITCH	B	INST-03	UPS & DC Devices	PRETREATMENT AREA AREA-120		Zone 5
	330532063	120-FS-1161A1	120-FS-1161A1:SWITCH	B	INST-03	UPS & DC Devices	PRETREATMENT AREA AREA-120		Zone 5
	330532064	120-FS-1161B1	120-FS-1161B1:SWITCH	B	INST-03	UPS & DC Devices	PRETREATMENT AREA AREA-120		Zone 5
	330532068	120-FS-1161B2	120-FS-1161B2:SWITCH	B	INST-03	UPS & DC Devices	PRETREATMENT AREA AREA-120		Zone 5
	330532071	120-FS-1161C2	120-FS-1161C2:SWITCH	B	INST-03	UPS & DC Devices	PRETREATMENT AREA AREA-120		Zone 5
	330532073	120-FS-1161C1	120-FS-1161C1:SWITCH	B	INST-03	UPS & DC Devices	PRETREATMENT AREA AREA-120		Zone 5
	330533217	112-XZSH-501	112-XZSH-501: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533218	112-XZSH-502	112-XZSH-502: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533219	112-XZSH-514	112-XZSH-514: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533220	112-XZSH-513	112-XZSH-513: 112-D-004 Limit Switch fo	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533221	112-XZSH-503	112-XZSH-503: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533222	112-XZSH-508	112-XZSH-508: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533223	112-XZSH-512	112-XZSH-512: 112-D-004 Limit Switch fo	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533224	112-XZSH-509	112-XZSH-509: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533225	112-XZSH-504	112-XZSH-504: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533226	112-XZSH-511	112-XZSH-511: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533227	112-XZSH-505	112-XZSH-505: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533228	112-XZSH-510	112-XZSH-510: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533229	112-XZSH-601	112-XZSH-601: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533230	112-XZSH-602	112-XZSH-602: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533231	112-XZSH-614	112-XZSH-614: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533232	112-XZSH-613	112-XZSH-613: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533233	112-XZSH-603	112-XZSH-603: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533234	112-XZSH-608	112-XZSH-608: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533235	112-XZSH-612	112-XZSH-612: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533236	112-XZSH-609	112-XZSH-609: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533237	112-XZSH-604	112-XZSH-604: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533238	112-XZSH-611	112-XZSH-611: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533239	112-XZSH-605	112-XZSH-605: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533240	112-XZSH-610	112-XZSH-610: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533241	112-XZSH-114	112-XZSH-114: 112-D-001 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533242	112-XZSH-113	112-XZSH-113: 112-D-001 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533243	112-XZSH-214	112-XZSH-214: 112-D-002 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533244	112-XZSH-213	112-XZSH-213: 112-D-002 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533245	112-XZSH-314	112-XZSH-314: 112-D-003 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533246	112-XZSH-313	112-XZSH-313: 112-D-003 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533247	112-XZSH-506	112-XZSH-506: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533248	112-XZSH-507	112-XZSH-507:112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533249	112-XZSH-606	112-XZSH-606:112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533250	112-XZSH-607	112-XZSH-607:112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533251	112-XZSL-501	112-XZSL-501: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533252	112-XZSL-502	112-XZSL-502: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533253	112-XZSL-514	112-XZSL-514: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533254	112-XZSL-513	112-XZSL-513: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533255	112-XZSL-503	112-XZSL-503: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330533256	112-XZSL-508	112-XZSL-508: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533257	112-XZSL-512	112-XZSL-512: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533258	112-XZSL-509	112-XZSL-509: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533259	112-XZSL-504	112-XZSL-504: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533260	112-XZSL-511	112-XZSL-511: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533261	112-XZSL-505	112-XZSL-505: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533262	112-XZSL-510	112-XZSL-510: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533263	112-XZSL-601	112-XZSL-601: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533264	112-XZSL-602	112-XZSL-602: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533265	112-XZSL-614	112-XZSL-614: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533266	112-XZSL-613	112-XZSL-613: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533267	112-XZSL-603	112-XZSL-603: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533268	112-XZSL-608	112-XZSL-608: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533269	112-XZSL-612	112-XZSL-612: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533270	112-XZSL-609	112-XZSL-609: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533271	112-XZSL-604	112-XZSL-604: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533272	112-XZSL-611	112-XZSL-611: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533273	112-XZSL-605	112-XZSL-605: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533274	112-XZSL-610	112-XZSL-610: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533275	112-XZSL-114	112-XZSL-114: 112-D-001 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533276	112-XZSL-113	112-XZSL-113: 112-D-001 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533277	112-XZSL-214	112-XZSL-214: 112-D-002 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533278	112-XZSL-213	112-XZSL-213: 112-D-002 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533279	112-XZSL-314	112-XZSL-314: 112-D-003 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533280	112-XZSL-313	112-XZSL-313: 112-D-003 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533281	112-XSL-506	112-XZSL-506: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533282	112-XZSL-507	112-XZSL-507: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533283	112-XZSL-606	112-XZSL-606: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533284	112-XZSL-607	112-XZSL-607: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533285	112-XZSH-515	112-XZSH-515: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533286	112-XZSH-615	112-XZSH-615: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533287	112-XZSL-515	112-XZSL-515: 112-D-004 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533288	112-XZSL-615	112-XZSL-615: 112-D-005 Limit Switch for	C	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536931	112-XZSH-416	112-XZSH-416:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536932	112-XZSH-418	112-XZSH-418:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536933	112-XZSH-419	112-XZSH-419:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536934	112-XZSH-420	112-XZSH-420:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536935	112-XZSH-421	112-XZSH-421:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536936	112-XZSH-417	112-XZSH-417:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536937	112-XZSH-413	112-XZSH-413:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536938	112-XZSH-414	112-XZSH-414:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536939	112-XZSH-415	112-XZSH-415:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536940	112-XZSH-412	112-XZSH-412:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536941	112-XZSL-416	112-XZSL-416:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536942	112-XZSL-418	112-XZSL-418:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536943	112-XZSL-419	112-XZSL-419:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536944	112-XZSL-420	112-XZSL-420:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536945	112-XZSL-421	112-XZSL-421:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536946	112-XZSL-417	112-XZSL-417:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536947	112-XZSL-413	112-XZSL-413:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536948	112-XZSL-414	112-XZSL-414:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536949	112-XZSL-415	112-XZSL-415:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536950	112-XZSL-412	112-XZSL-412:Limit Switch for Diaphragm	D	INST-05	UPS & DC Devices	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
VALVE (NON ACTUATED)									
42	310063217	000-Z-003	000-Z-003:PENSTOCK VALVE	D	MECH-05	Valve (Non-Actuated)	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310111305	120-PLV-601	120-PLV-601: pressure control valve	D	MECH-05	Valve (Non-Actuated)	BELT PRESS PROCESS AREA-120		Zone 5
	310111306	120-PLV-631	120-PLV-631: pressure control valve	D	MECH-05	Valve (Non-Actuated)	BELT PRESS PROCESS AREA-120		Zone 5
	320107204	124-F-001-CPR-27	RECTIFIER PANEL FOR 124-F-001	C	ELEC-05	Valve (Non-Actuated)	CAUSTIC SYSTEM AREA-124		Zone 5
	360021924	WH-PSV-002	WH-PSV-002; Admin (Executive Area)	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021925	WH-PSV-003	WH-PSV-003; Admin (Executive Kitchen)	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021926	WH-PSV-004	WH-PSV-004; Admin (Executive Toilets)	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021927	WH-PSV-005	WH-PSV-005; Admin (Manufacturing GM Offi	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021928	WH-PSV-006	WH-PSV-006; Admin (Manufacturing Common	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021929	WH-PSV-007	WH-PSV-007; Admin (Finance Area)	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021930	WH-PSV-008	WH-PSV-008; Admin (EPM Area)	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021931	WH-PSV-009	WH-PSV-009; Admin (G.S. Area)	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021932	WH-PSV-010	WH-PSV-010; Admin (Clinic)	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021933	WH-PSV-011	WH-PSV-011; Cafeteria (Admin)	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021934	WH-PSV-012	WH-PSV-012; Admin (Mosque)	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021935	WH-PSV-013	WH-PSV-013; Security (Security)	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021936	WH-PSV-014	WH-PSV-014; Safety (Safety)	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021937	WH-PSV-015	WH-PSV-015; Fire Station (1st Floor)	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021944	WH-PSV-022	WH-PSV-022; Utility-2 (Utility-2)	A	MECH-03	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021945	WH-PSV-023	WH-PSV-023; Utility-2 (Shelter)	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021947	WH-PSV-025	WH-PSV-025; Central Maint.(Ground Right)	A	MECH-01	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021948	WH-PSV-026	WH-PSV-026; Central Maint.(Ground left)	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021949	WH-PSV-027	WH-PSV-027; Central Maint(1st Floor Left	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021950	WH-PSV-028	WH-PSV-028; Central Maint(1stFloorRight)	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021953	WH-PSV-031	WH-PSV-031; Material Warehouse	A	MECH-50	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021957	WH-PSV-035	WH-PSV-035; Central Control Room	A	MECH-04	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360021958	WH-PSV-036	WH-PSV-036; QCA LAB	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360022008	WH-PSV-037	WH-PSV-037; Shelter-B	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360022009	WH-PSV-038	WH-PSV-038; Shelter-A	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	360022017	TEST BENCH PSV-01	Test Bench PSV-01; PSV For M03- Dual	A	MECH-05	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	310654162	120-PSV-1151	120-PSV-1151:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	310654163	120-PSV-1152	120-PSV-1152:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	310654164	120-PSV-1153	120-PSV-1153:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	310654165	120-PSV-1154	120-PSV-1154:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	310654166	120-PSV-1161	120-PSV-1161:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	310654167	120-PSV-1162	120-PSV-1162:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	310654168	120-PSV-1163	120-PSV-1163:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	310654169	120-PSV-1181	120-PSV-1181:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	310654170	120-PSV-1541	120-PSV-1541:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	310655130	112-TSV-501	112-TSV-501:112-D-004 THERMAL SAFETY VAL	A	MECH-02	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310655131	112-TSV-601	112-TSV-601:112-D-005 THERMAL SAFETY VAL	A	MECH-02	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310655132	112-PSV-466	112-PSV-466:112-G-012 PRESSURE RELIEF VA	A	MECH-02	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310705052	112-PSV-429	112-PSV-429:112-G-005 Pressure Relief Va	A	MECH-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310705053	112-PSV-430	112-PSV-430:112-G-006 Pressure Relief Va	A	MECH-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310705054	112-PSV-439	112-PSV-439:112-G-007 Pressure Relief Va	A	MECH-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310705055	112-PSV-440	112-PSV-440:112-G-008 Pressure Relief Va	A	MECH-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	310709244	WH-PSV-001	WH-PSV-001; Admin	A	INST-10	Valve (Non-Actuated)	PIPING SYSTEM		Zone 5
	311279982	111-PSV-001-UIV	111-PSV-001-UIV:UPSTREAM ISOLATION VALVE	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311279983	111-PSV-002-UIV	111-PSV-002-UIV:UPSTREAM ISOLATION VALVE	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311279984	111-PSV-003A-UIV	111-PSV-003A-UIV:UPSTREAM ISOLATION VALE	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311279985	111-PSV-003B-UIV	111-PSV-003B-UIV:UPSTREAM ISOLATION VALV	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311279986	111-PSV-003C-UIV	111-PSV-003C-UIV:UPSTREAM ISOLATION VALV	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311279987	111-PSV-003D-UIV	111-PSV-003D-UIV:UPSTREAM ISOLATION VALV	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311279988	111-PSV-003E-UIV	111-PSV-003E-UIV:UPSTREAM ISOLATION VALV	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311279989	111-PSV-004-UIV	111-PSV-004-UIV:UPSTREAM ISOLATION VALVE	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311279990	111-PSV-005-UIV	111-PSV-005-UIV:UPSTREAM ISOLATION VALVE	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311279991	111-PSV-006A-UIV	111-PSV-006A-UIV:UPSTREAM ISOLATION VALV	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311279992	111-PSV-006B-UIV	111-PSV-006B-UIV:UPSTREAM ISOLATION VALV	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311279993	111-PSV-006C-UIV	111-PSV-006C-UIV:UPSTREAM ISOLATION VALV	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311279994	111-PSV-006D-UIV	111-PSV-006D-UIV:UPSTREAM ISOLATION VALV	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311279995	111-PSV-006E-UIV	111-PSV-006E-UIV:UPSTREAM ISOLATION VALV	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311279996	111-PSV-007-UIV	111-PSV-007-UIV:UPSTREAM ISOLATION VALVE	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311280001	111-PSV-008-UIV	111-PSV-008-UIV:UPSTREAM ISOLATION VALVE	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311280002	111-PSV-009A-UIV	111-PSV-009A-UIV:UPSTREAM ISOLATION VALV	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311280003	111-PSV-009B-UIV	111-PSV-009B-UIV:UPSTREAM ISOLATION VALV	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311280004	111-PSV-009C-UIV	111-PSV-009C-UIV "UPSTREAM ISOLATION VAL	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	311280005	111-PSV-009D-UIV	111-PSV-009D-UIV:UPSTREAM ISOLATION VALV	E	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330228341	115-PCV-131	115-PCV-131:PRESSURE CONTROL VALVE	D	INST-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228342	115-PCV-132	115-PCV-132:PRESSURE CONTROL VALVE	D	INST-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228343	115-PCV-141	115-PCV-141:PRESS. CONTROL VALVE, LUBE O	D	INST-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330520949	120-BRV-1141	120-BRV-1141:VACUUM BREAKER VALVE	A	MECH-05	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	330525357	112-PSV-463	112-PSV-463:112-G-011 PRESSURE RELIEF VA	A	MECH-03	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330531996	120-PSV-1661	120-PSV-1661:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330531998	120-PSV-1632	120-PSV-1632:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330531999	120-PSV-1472	120-PSV-1472:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330532002	120-PSV-1473	120-PSV-1473:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330532008	120-PSV-1623	120-PSV-1623:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330532009	120-PSV-1651	120-PSV-1651:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330532010	120-PSV-1612	120-PSV-1612:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330532011	120-PSV-1641	120-PSV-1641:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330532015	120-PSV-1411	120-PSV-1411:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330532016	120-PSV-1652	120-PSV-1652:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330532020	120-PSV-1410	120-PSV-1410:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330532023	120-PSV-1621	120-PSV-1621:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330532025	120-PSV-1662	120-PSV-1662:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330532026	120-PSV-1611	120-PSV-1611:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330532031	120-PSV-1631	120-PSV-1631:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330532033	120-PSV-1231	120-PSV-1231:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330532034	120-PSV-1622	120-PSV-1622:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330532037	120-PSV-1471	120-PSV-1471:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330532038	120-PSV-1232	120-PSV-1232:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330532039	120-PSV-1642	120-PSV-1642:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330532040	120-PSV-1412	120-PSV-1412:VALVE PRESSURE SAFETY	A	MECH-05	Valve (Non-Actuated)	PRETREATMENT AREA AREA-120		Zone 5
	330533166	112-SV-102	112-SV-102 : 112-D-001 Online Sample SO	C	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533167	112-SV-202	112-SV-202 : 112-D-002 Online Sample SO	C	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533168	112-SV-302	112-SV-302 : 112-D-003 Online Sample SO	C	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533169	112-SV-501	112-SV-501: 112-D-004 Online Sample SOV	C	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533170	112-SV-502	112-SV-502: 112-D-004 Online Sample SOV	C	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533171	112-SV-601	112-SV-601: 112-D-005 Online Sample SOV	C	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533172	112-SV-602	112-SV-602 : 112-D-005 Online Sample SOV	C	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533173	112-SV-603	112-SV-603 : AIT-602 Online Sample SOV	C	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533204	112-XV-506	112-XV-506: 112-D-004 Auto Diaphragm Val	C	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533205	112-XV-507	112-XV-507: 112-D-004 Auto Diaphragm Val	C	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533206	112-XV-606	112-XV-606: 112-D-005 Auto Diaphragm Val	C	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533207	112-XV-607	112-XV-607: 112-D-005 Auto Diaphragm Val	C	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536921	112-XV-416	112-XV-416:Diaphragm Valve(Dilute Water	D	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536922	112-XV-418	112-XV-418:Diaphragm Valve(Block Bleed I	D	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536923	112-XV-419	112-XV-419:Diaphragm Valve(Block Bleed O	D	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536924	112-XV-420	112-XV-420:Diaphragm Valve(Block Bleed D	D	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536925	112-XV-421	112-XV-421:Diaphragm Valve(Dilute Water	D	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536926	112-XV-417	112-XV-417:Diaphragm Valve(Neutral. Caut	D	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536927	112-XV-413	112-XV-413:Diaphragm Valve(Block Bleed I	D	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536928	112-XV-414	112-XV-414:Diaphragm Valve(Block Bleed O	D	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536929	112-XV-415	112-XV-415:Diaphragm Valve(Block Bleed D	D	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330536930	112-XV-412	112-XV-412:Diaphragm Valve(Neutral. Acid	D	INST-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330627634	120-XV-101A	120-XV-101A:XV for filter press	C	INST-02	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	330627635	120-XV-102A	120-XV-102A:XV for filter press	C	INST-02	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	330627636	120-XV-103A	120-XV-103A:XV for filter press	C	INST-02	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	330627637	120-XV-104A	120-XV-104A:XV for filter press	C	INST-02	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	330627638	120-XV-101B	120-XV-101B:XV for filter press	C	INST-02	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	330627639	120-XV-102B	120-XV-102B:XV for filter press	C	INST-02	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	330627640	120-XV-103B	120-XV-103B:XV for filter press	C	INST-02	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	330627641	120-XV-104B	120-XV-104B:XV for filter press	C	INST-02	Valve (Non-Actuated)	AEROBIC TREATMENT AREA-120		Zone 5
	360003537	000-PSV-009	000-PSV-009:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111		Zone 5
	360003541	000-PSV-006	000-PSV-006:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111		Zone 5
	360003542	000-PSV-007	000-PSV-007:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111		Zone 5
	360003543	000-PSV-008	000-PSV-008:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111		Zone 5
	360003595	106-PSV-001	106-PSV-001:PRESSURE SAFETY VALVE FOR FU	A	MECH-05	Valve (Non-Actuated)	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	360003596	106-PSV-003	106-PSV-003:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	360003597	106-PSV-004	106-PSV-004:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	360003598	106-PSV-005	106-PSV-005:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	360003599	106-PSV-006	106-PSV-006:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	360003600	106-PSV-009	106-PSV-009:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	360003601	106-PSV-010	106-PSV-010:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	360003602	107-PSV-003	107-PSV-003:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	FUEL GAS SYSTEM AREA-107		Zone 5
	360003603	107-PSV-004	107-PSV-004:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	FUEL GAS SYSTEM AREA-107		Zone 5
	360003604	107-PSV-009	107-PSV-009:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	FUEL GAS SYSTEM AREA-107		Zone 5
	360003605	107-PSV-010	107-PSV-010:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	FUEL GAS SYSTEM AREA-107		Zone 5
	360003607	107-PSV-021A	107-PSV-021A:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	FUEL GAS SYSTEM AREA-107		Zone 5
	360003608	107-PSV-021B	107-PSV-021B:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	FUEL GAS SYSTEM AREA-107		Zone 5
	360003609	107-PSV-022A	107-PSV-022A:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	FUEL GAS SYSTEM AREA-107		Zone 5
	360003610	107-PSV-022B	107-PSV-022B:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	FUEL GAS SYSTEM AREA-107		Zone 5
	360003611	108-PSV-001	108-PSV-001:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	DIESEL SYSTEM AREA-108		Zone 5
	360003612	109-PSV-001	109-PSV-001:PRESS. SAFETY VALVE FOR MAIN	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003613	109-PSV-002	109-PSV-002:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003614	109-PSV-005	109-PSV-005:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003615	109-PSV-026	109-PSV-026:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003616	109-PSV-028	109-PSV-028:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003617	109-PSV-029	109-PSV-029:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003618	109-PSV-030	109-PSV-030:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003619	109-PSV-040A	109-PSV-040A:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003620	109-PSV-040B	109-PSV-040B:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003621	109-PSV-040C	0C:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003622	109-PSV-041A	109-PSV-041A:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003623	109-PSV-041B	109-PSV-041B:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003624	109-PSV-041C	109-PSV-041C:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003625	109-PSV-045	109-PSV-045:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003626	109-PSV-131	109-PSV-131:PRESS. SAFETY VLV FOR COOLIN	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003627	109-PSV-155	109-PSV-155:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003628	109-PSV-162	109-PSV-162:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003629	109-PSV-179	109-PSV-179:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003630	109-PSV-183	109-PSV-183:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003631	109-PSV-186	109-PSV-186:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003632	109-PSV-193	109-PSV-193:PRESS. SAFETY VLV FOR NITROG	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003633	109-PSV-196	109-PSV-196:P. SFTY VLV FOR N2 HP HEADER	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003634	109-PSV-260	109-PSV-260:P. SFTY VLV FOR CHILLER RECE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003635	109-PSV-261	109-PSV-261:PRESS. SAFETY VLV FOR CHILLE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003636	109-PSV-262	109-PSV-262:PRESS. SAFETY VLV FOR CHILLE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003637	109-PSV-319A	109-PSV-319A:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003638	109-PSV-319B	109-PSV-319B:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003639	109-PSV-319C	109-PSV-319C:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003640	109-PSV-322	109-PSV-322:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003641	109-PSV-324	109-PSV-324:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003642	109-PSV-580	109-PSV-580:PRESS. SAFETY VLV FOR MAIN L	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003643	109-PSV-581	109-PSV-581:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003644	109-PSV-601	109-PSV-601:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003645	109-PSV-602	109-PSV-602:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003646	109-PSV-603	109-PSV-603:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003647	109-PSV-604	109-PSV-604:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003648	109-PSV-605	109-PSV-605:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003649	109-PSV-606	109-PSV-606:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003650	109-PSV-609/1	109-PSV-609/1:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003651	109-PSV-609/2	109-PSV-609/2:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003652	109-PSV-609/3	109-PSV-609/3:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003653	109-PSV-610/1	109-PSV-610/1:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003654	109-PSV-610/2	109-PSV-610/2:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003655	109-PSV-610/3	109-PSV-610/3:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003656	109-PSV-924	109-PSV-924:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003657	109-PSV-927	109-PSV-927:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003660	109-PSV-943	109-PSV-943:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003661	109-PSV-950	109-PSV-950:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	360003759	110-PSV-001	110-PSV-001:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003760	110-PSV-002	110-PSV-002:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003761	110-PSV-003	110-PSV-003:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003762	110-PSV-302	110-PSV-302:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003763	110-PSV-321	110-PSV-321:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003764	110-PSV-322	110-PSV-322:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003765	110-PSV-401	110-PSV-401:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003766	110-PSV-402	110-PSV-402:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003767	110-PSV-501	110-PSV-501:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003768	110-PSV-502	110-PSV-502:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003769	110-PSV-004	110-PSV-004:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003770	110-PSV-005	110-PSV-005:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003771	110-PSV-101	110-PSV-101:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003772	110-PSV-102	110-PSV-102:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003773	110-PSV-121	110-PSV-121:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003774	110-PSV-122	110-PSV-122:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003775	110-PSV-201	110-PSV-201:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003776	110-PSV-202	110-PSV-202:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	360003777	110-PSV-221	110-PSV-221:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003778	110-PSV-222	110-PSV-222:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003779	110-PSV-301	110-PSV-301:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	360003780	111-PSV-003D	111-PSV-003D:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003781	111-PSV-003E	111-PSV-003E:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003782	111-PSV-004	111-PSV-004:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003783	111-PSV-005	111-PSV-005:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003784	111-PSV-006A	111-PSV-006A:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003785	111-PSV-006B	111-PSV-006B:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003786	111-PSV-006C	111-PSV-006C:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003787	111-PSV-006D	111-PSV-006D:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003788	111-PSV-006E	111-PSV-006E:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003789	111-PSV-007	111-PSV-007:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003790	111-PSV-001	111-PSV-001:PRESS. SAFETY VLV, HP STEAM	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003791	111-PSV-002	111-PSV-002:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003792	111-PSV-003A	111-PSV-003A:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003793	111-PSV-003B	111-PSV-003B:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003794	111-PSV-003C	111-PSV-003C:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003795	111-PSV-008	111-PSV-008:PERSS. SAFETY VLV FOR LP STE	A	MECH-05	Valve (Non-Actuated)	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	360003796	111-PSV-009A	111-PSV-009A:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003797	111-PSV-009B	111-PSV-009B:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003798	111-PSV-009C	111-PSV-009C:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003799	111-PSV-009D	111-PSV-009D:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003800	111-PSV-010	111-PSV-010:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003801	111-PSV-011	111-PSV-011:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003802	111-PSV-012A	111-PSV-012A:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003803	111-PSV-012B	111-PSV-012B:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003804	111-PSV-032	111-PSV-032:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003805	111-PSV-202	111-PSV-202:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003806	111-PSV-213	111-PSV-213:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003807	111-PSV-220	111-PSV-220:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003808	111-PSV-221	111-PSV-221:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003809	111-PSV-222	111-PSV-222:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003810	111-PSV-223	111-PSV-223:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003811	111-PSV-224	111-PSV-224:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003812	111-PSV-230	111-PSV-230:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003813	111-PSV-244	111-PSV-244:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003814	111-PSV-302	111-PSV-302:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003815	111-PSV-033	111-PSV-033:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003816	111-PSV-113	111-PSV-113:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003817	111-PSV-120	111-PSV-120:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003818	111-PSV-121	111-PSV-121:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003819	111-PSV-122	111-PSV-122:PRESS. SFTY VLV FOR BOILER S	A	MECH-05	Valve (Non-Actuated)	BOILER # 01 AREA-111	Steam Area	Zone 5
	360003820	111-PSV-123	111-PSV-123:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003821	111-PSV-124	111-PSV-124:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003822	111-PSV-130	111-PSV-130:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003823	111-PSV-144	111-PSV-144:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003824	111-PSV-201	111-PSV-201:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003825	111-PSV-313	111-PSV-313:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003826	111-PSV-320	111-PSV-320:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003827	111-PSV-321	111-PSV-321:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003828	111-PSV-322	111-PSV-322:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003829	111-PSV-323	111-PSV-323:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003830	111-PSV-324	111-PSV-324:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003831	111-PSV-330	111-PSV-330:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003832	111-PSV-344	111-PSV-344:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003833	111-PSV-402	111-PSV-402:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003834	111-PSV-413	111-PSV-413:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003835	111-PSV-913	111-PSV-913:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003836	111-PSV-914	111-PSV-914:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003837	111-PSV-915	111-PSV-915:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003840	111-PSV-931	111-PSV-931:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003841	111-PSV-932	111-PSV-932:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003843	111-PSV-942	111-PSV-942:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003844	111-PSV-943	111-PSV-943:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003845	111-PSV-952	111-PSV-952:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003846	111-PSV-420	111-PSV-420:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003847	111-PSV-421	111-PSV-421:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003848	111-PSV-422	111-PSV-422:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003849	111-PSV-423	111-PSV-423:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003850	111-PSV-424	111-PSV-424:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003851	111-PSV-430	111-PSV-430:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003852	111-PSV-444	111-PSV-444:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003853	111-PSV-904	111-PSV-904:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003854	111-PSV-905	111-PSV-905:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003855	111-PSV-912	111-PSV-912:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003856	111-PSV-953	111-PSV-953:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003857	111-PSV-960	111-PSV-960:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003858	111-PSV-972	111-PSV-972:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003859	111-PSV-973	111-PSV-973:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360003864	112-TSV-101	112-TSV-101:TEMPERATURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	360003865	112-TSV-201	112-TSV-201:TEMPERATURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	360003866	112-TSV-301	112-TSV-301:TEMPERATURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	360003869	115-PSV-001	115-PSV-001:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003870	115-PSV-002	115-PSV-002:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003871	115-PSV-003	115-PSV-003:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003872	115-PSV-004	115-PSV-004:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003873	115-PSV-005	115-PSV-005:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003874	115-PSV-006	115-PSV-006:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003875	115-PSV-007	115-PSV-007:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003876	115-PSV-008	115-PSV-008:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003877	113-PSV-001	113-PSV-001:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	360003878	113-PSV-002	113-PSV-002:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	360003879	115-PSV-009	115-PSV-009:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003880	115-PSV-010	115-PSV-010:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003881	115-PSV-011	115-PSV-011:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003882	115-PSV-012	115-PSV-012:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003883	115-PSV-013	115-PSV-013:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003884	115-PSV-014	115-PSV-014:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003886	115-PSV-131	115-PSV-131:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003888	115-PSV-151	115-PSV-151:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003889	115-PSV-152	115-PSV-152:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003890	115-PSV-171	115-PSV-171:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003891	115-PSV-172	115-PSV-172:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003892	115-PSV-173	115-PSV-173:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003893	115-PSV-174	115-PSV-174:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003894	115-PSV-175	115-PSV-175:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003895	115-PSV-181	115-PSV-181:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003896	115-PSV-186	115-PSV-186:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003899	115-PSV-251	115-PSV-251:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003900	115-PSV-252	115-PSV-252:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003901	115-PSV-271	115-PSV-271:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003902	115-PSV-272	115-PSV-272:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003903	115-PSV-273	115-PSV-273:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003904	115-PSV-274	115-PSV-274:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003905	115-PSV-275	115-PSV-275:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003906	115-PSV-281	115-PSV-281:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003907	115-PSV-282	115-PSV-282:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003908	115-PSV-286	115-PSV-286:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003909	115-PSV-287	115-PSV-287:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360003910	116-PSV-001	116-PSV-001:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003911	116-PSV-002	116-PSV-002:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003912	116-PSV-003	116-PSV-003:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003913	116-PSV-014	116-PSV-014:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003915	116-PSV-131	116-PSV-131:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003917	116-PSV-151	116-PSV-151:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003918	116-PSV-152	116-PSV-152:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003919	116-PSV-171	116-PSV-171:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003920	116-PSV-172	116-PSV-172:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003921	116-PSV-173	116-PSV-173:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003922	116-PSV-174	116-PSV-174:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003923	116-PSV-175	116-PSV-175:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	360003924	116-PSV-281	116-PSV-281:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003925	116-PSV-286	116-PSV-286:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003926	116-PSV-701	116-PSV-701:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003927	116-PSV-702	116-PSV-702:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003928	116-PSV-703	116-PSV-703:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003929	116-PSV-704	116-PSV-704:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003930	116-PSV-705	116-PSV-705:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003931	116-PSV-706	116-PSV-706:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003932	116-PSV-004	116-PSV-004:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003933	116-PSV-005	116-PSV-005:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003934	116-PSV-006	116-PSV-006:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003935	116-PSV-007	116-PSV-007:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003936	116-PSV-008	116-PSV-008:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003937	116-PSV-009	116-PSV-009:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003938	116-PSV-010	116-PSV-010:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003939	116-PSV-011	116-PSV-011:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003940	116-PSV-012	116-PSV-012:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003941	116-PSV-013	116-PSV-013:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003942	116-PSV-181	116-PSV-181:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003943	116-PSV-186	116-PSV-186:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003944	116-PSV-187	116-PSV-187:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003947	116-PSV-251	116-PSV-251:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003948	116-PSV-271	116-PSV-271:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003949	116-PSV-272	116-PSV-272:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003950	116-PSV-273	116-PSV-273:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003951	116-PSV-274	116-PSV-274:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003952	116-PSV-275	116-PSV-275:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360003953	117-PSV-001	117-PSV-001:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	360003954	117-PSV-002	117-PSV-002:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	360003955	117-PSV-003	117-PSV-003:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	360003956	117-PSV-004	117-PSV-004:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	360003957	117-PSV-005	117-PSV-005:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	360003958	117-PSV-006	117-PSV-006:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	360003959	117-PSV-007	117-PSV-007:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	360004017	119-PSV-010	119-PSV-010:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	FLARE SYSTEM AREA-119		Zone 5
	360004174	120-PSV-255	120-PSV-255:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004175	120-PSV-285	120-PSV-285:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004176	120-PSV-292	120-PSV-292:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004177	120-PSV-336	120-PSV-336:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004178	120-PSV-337	120-PSV-337:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004179	120-PSV-364	120-PSV-364:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004180	120-PSV-365	120-PSV-365:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004181	120-PSV-461	120-PSV-461:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004182	120-PSV-462	120-PSV-462:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004183	120-PSV-501	120-PSV-501:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004184	120-PSV-502	120-PSV-502:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004185	120-PSV-660	120-PSV-660:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004186	120-PSV-661	120-PSV-661:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004187	120-PSV-704	120-PSV-704:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004188	120-PSV-705	120-PSV-705:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004189	120-PSV-724	120-PSV-724:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004190	120-PSV-725	120-PSV-725:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004191	120-PSV-918	120-PSV-918:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004192	120-PSV-919	120-PSV-919:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004193	120-PSV-139	120-PSV-139:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004194	120-PSV-140	120-PSV-140:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004195	120-PSV-245	120-PSV-245:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004196	120-PSV-503	120-PSV-503:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004197	120-PSV-504	120-PSV-504:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004198	120-PSV-505	120-PSV-505:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004199	120-PSV-506	120-PSV-506:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004200	120-PSV-540	120-PSV-540:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004201	120-PSV-541	120-PSV-541:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004202	120-PSV-597	120-PSV-597:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004203	120-PSV-598	120-PSV-598:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004204	120-PSV-627	120-PSV-627:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004205	120-PSV-628	120-PSV-628:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004206	120-PSV-659	120-PSV-659:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	360004245	124-PSV-001	124-PSV-001:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	CAUSTIC SYSTEM AREA-124		Zone 5
	360006141	111-PSV-100	111-PSV-100:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	BOILER # 01 AREA-111	Steam Area	Zone 5
	360006142	111-PSV-101	111-PSV-101:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	BOILER # 01 AREA-111	Steam Area	Zone 5
	360006143	111-PSV-102	111-PSV-102:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	BOILER # 01 AREA-111	Steam Area	Zone 5
	360006144	111-PSV-992	111-PSV-992:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360006145	111-PSV-901	111-PSV-901:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	360006146	111-PSV-902	111-PSV-902:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	360006147	111-PSV-903	111-PSV-903:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	360006148	111-PSV-911	111-PSV-911:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	360006149	111-PSV-990	111-PSV-990:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	360006150	115-PSV-182	115-PSV-182:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360006151	115-PSV-187	115-PSV-187:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360006152	116-PSV-252	116-PSV-252:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	360006153	117-PSV-152	117-PSV-152:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	360007168	111-PSV-200	111-PSV-200:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	BOILER # 02 AREA-111	Steam Area	Zone 5
	360007169	111-PSV-300	111-PSV-300:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	BOILER # 03 AREA-111	Steam Area	Zone 5
	360007170	111-PSV-301	111-PSV-301:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	BOILER # 03 AREA-111	Steam Area	Zone 5
	360007171	111-PSV-400	111-PSV-400:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	BOILER # 04 AREA-111	Steam Area	Zone 5
	360007172	111-PSV-401	111-PSV-401:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	BOILER # 04 AREA-111	Steam Area	Zone 5
	360007173	115-PSV-231	115-PSV-231:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	360007174	116-PSV-282	116-PSV-282:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	360007175	116-PSV-287	116-PSV-287:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	360007176	117-PSV-131	117-PSV-131:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	360007177	117-PSV-171	117-PSV-171:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	360007178	117-PSV-182	117-PSV-182:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area 2	Zone 5
	360007207	116-PSV-231	116-PSV-231:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	360007214	116-PSV-182	116-PSV-182:PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	360021910	117-PSV-151	117-PSV-151 PRESSURE SAFETY VALVE	A	MECH-05	Valve (Non-Actuated)	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
VALVE ACTUATED									
43	320037157	111-MOV-108	111-MOV-108:MOTOR OPERATED VALVE	B	ELEC-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	320037159	111-MOV-208	111-MOV-208:MOTOR OPERATED VALVE	B	ELEC-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	320037161	111-MOV-308	111-MOV-308:MOTOR OPERATED VALVE	B	ELEC-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	320037162	111-MOV-408	111-MOV-408:MOTOR OPERATED VALVE	B	ELEC-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	320037753	115-MOV-003	115-MOV-003:MOTOR OPERATED VALVE , SEA W	B	ELEC-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320037757	115-MOV-010	115-MOV-010:MOTOR OPERATED VALVE , SEA W	B	ELEC-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320037758	115-MOV-011	115-MOV-011:MOTOR OPERATED VALVE , SEA W	B	ELEC-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320037760	115-MOV-014	115-MOV-014:MOTOR OPERATED VALVE , SEA W	B	ELEC-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320037770	116-MOV-001	116-MOV-001:MOV , COOLIN WATER RETURN	B	ELEC-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320037771	116-MOV-002	116-MOV-002:MOTOR OPERATED VALVE , CW TO	B	ELEC-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320037772	116-MOV-003	116-MOV-003:MOV , COOLING WATER RETURN L	B	ELEC-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320037773	116-MOV-004	116-MOV-004:MOTOR OPERATED VALVE , CW TO	B	ELEC-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320037774	116-MOV-005	116-MOV-005:MOV , COOLING WATER RETURN L	B	ELEC-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320037775	116-MOV-006	116-MOV-006:MOTOR OPERATED VALVE , CW TO	B	ELEC-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320037776	116-MOV-007	116-MOV-007:MOV , SEA WATER RETURN LINE	B	ELEC-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320037777	116-MOV-008	116-MOV-008:MOV , SEA WATER RETURN LINE	B	ELEC-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320037778	116-MOV-009	116-MOV-009:MOV , SEA WATER RETURN LINE	B	ELEC-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320037780	116-MOV-010	116-MOV-010:MOV , SEA WATER RETURN LINE	B	ELEC-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320037781	116-MOV-011	116-MOV-011:MOV , SEA WATER RETURN LINE	B	ELEC-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320037782	116-MOV-012	116-MOV-012:MOV , SEA WATER RETURN LINE	B	ELEC-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	320037803	117-MOV-001	117-MOV-001:MOV , CHILLED WATER RETURN	B	ELEC-05	Valve Actuated	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	320037804	117-MOV-002	117-MOV-002:MOTOR OPERATED VALVE , CHILL	B	ELEC-05	Valve Actuated	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	320037805	117-MOV-003	117-MOV-003:MOV , CHILLED WATER RETURN	B	ELEC-05	Valve Actuated	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	320037806	117-MOV-004	117-MOV-004:MOTOR OPERATED VALVE , CHILL	B	ELEC-05	Valve Actuated	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	320125367	72-HV-043	72-HV-043: MOTOR OPERATED VALVE (ON-OFF)	B	ELEC-05	Valve Actuated	PIPING SYSTEM		Zone 5
	320125368	72-HV-044	72-HV-044: MOTOR OPERATED VALVE (ON-OFF)	A	ELEC-05	Valve Actuated	PIPING SYSTEM		Zone 5
	310231328	116-PCV-141	116-PCV-141:PRESS. CONTROL VALVE, LUBE O	B	INST-05	Valve Actuated	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	320037754	115-MOV-004	115-MOV-004:MOTOR OPERATED VALVE , SEA W	B	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320037755	115-MOV-007	115-MOV-007:MOTOR OPERATED VALVE , SEA W	B	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320037756	115-MOV-008	115-MOV-008:MOTOR OPERATED VALVE , SEA W	B	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320037759	115-MOV-013	115-MOV-013:MOTOR OPERATED VALVE , SEA W	B	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320037763	115-MOV-015	115-MOV-015:MOTOR OPERATED VALVE , SEA W	B	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320037764	115-MOV-016	115-MOV-016:MOTOR OPERATED VALVE , SEA W	B	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	320037765	115-MOV-017	115-MOV-017:MOTOR OPERATED VALVE , SEA W	B	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	320037789	117-MOV-018	117-MOV-018:MOTOR OPERATED VALVE , SEA W	B	INST-05	Valve Actuated	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	320037810	117-MOV-016	117-MOV-016:MOTOR OPERATED VALVE , SEA W	B	INST-05	Valve Actuated	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	320037811	117-MOV-017	117-MOV-017:MOTOR OPERATED VALVE , SEA W	B	INST-05	Valve Actuated	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	320105700	115-MOV-012	115-MOV-012: SEA WATER KICK BACK	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330189332	000-AT-001	000-AT-001:ANALYZER TRANSMITTER, CONDUCT	D	WKSH-06	Valve Actuated	NITROGEN SYSTEM AREA-109		Zone 5
	330189335	000-AT-002	000-AT-002:ANALYZER TRANSMITTER, CONDUCT	A	WKSH-06	Valve Actuated	SEA WATER SYSTEM AREA-115		Zone 5
	330189337	000-AT-003	000-AT-003:ANALYZER TRANSMITTER, CONDUCT	A	WKSH-06	Valve Actuated	SEA WATER SYSTEM AREA-115		Zone 5
	330189340	000-AT-004	000-AT-004:ANALYZER TRANSMITTER, CONDUCT	A	WKSH-06	Valve Actuated	COOLING WATER SYSTEM AREA-116		Zone 5
	330189342	000-AT-005	000-AT-005:ANALYZER TRANSMITTER, CONDUCT	A	WKSH-06	Valve Actuated	COOLING WATER SYSTEM AREA-116		Zone 5
	330189345	000-AT-006	000-AT-006:ANALYZER TRANSMITTER, CONDUCT	A	WKSH-06	Valve Actuated	COOLING WATER SYSTEM AREA-116		Zone 5
	330189347	000-AT-007	000-AT-007:ANALYZER TRANSMITTER, CONDUCT	D	WKSH-06	Valve Actuated	CHILLER WATER SYSTEM AREA-117		Zone 5
	330189350	000-AT-008	000-AT-008:ANALYZER TRANSMITTER, CONDUCT	D	WKSH-06	Valve Actuated	CHILLER WATER SYSTEM AREA-117		Zone 5
	330190103	106-LV-001	106-LV-001:LEVEL CONTROL VALVE	C	INST-05	Valve Actuated	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190104	106-LV-003	106-LV-003:LEVEL CONTROL VALVE	C	INST-05	Valve Actuated	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190105	106-PCV-007	106-PCV-007:PRESSURE CONTROL VALVE	C	INST-05	Valve Actuated	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190106	106-PCV-008	106-PCV-008:PRESSURE CONTROL VALVE	C	INST-05	Valve Actuated	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190107	106-PCV-011	106-PCV-011:PRESSURE CONTROL VALVE	C	INST-05	Valve Actuated	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190108	106-PCV-012	106-PCV-012:PRESSURE CONTROL VALVE	C	INST-05	Valve Actuated	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190122	107-AT-001	107-AT-001:ANALYZER TRANSMITTER, CONDUCT	D	WKSH-06	Valve Actuated	FUEL GAS SYSTEM AREA-107		Zone 5
	330190123	107-AT-002	107-AT-002:ANALYZER TRANSMITTER, CONDUCT	D	WKSH-06	Valve Actuated	FUEL GAS SYSTEM AREA-107		Zone 5
	330190131	107-LV-009	107-LV-009:LEVEL CONTROL VALVE	C	INST-05	Valve Actuated	FUEL GAS SYSTEM AREA-107		Zone 5
	330190269	106-GV-001	106-GV-001:AUTO START VALVE	C	INST-05	Valve Actuated	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190270	106-GY-001A	106-GY-001A:SOLENOID VALVE	C	INST-05	Valve Actuated	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190271	106-GY-001B	106-GY-001B:SOLENOID VALVE	C	INST-05	Valve Actuated	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190310	106-PV-005	106-PV-005:PRESSURE VALVE	C	INST-05	Valve Actuated	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190311	106-PV-011	106-PV-011:PRESSURE VALVE	C	INST-05	Valve Actuated	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330190332	107-PV-015A	107-PV-015A:PRESSURE VALVE	C	INST-05	Valve Actuated	FUEL GAS SYSTEM AREA-107		Zone 5
	330190333	107-PV-015B	107-PV-015B:PRESSURE VALVE	C	INST-05	Valve Actuated	FUEL GAS SYSTEM AREA-107		Zone 5
	330190334	107-PV-015C	107-PV-015C:PRESSURE VALVE	C	INST-05	Valve Actuated	FUEL GAS SYSTEM AREA-107		Zone 5
	330190335	107-PV-017	107-PV-017:PRESSURE VALVE	C	INST-05	Valve Actuated	FUEL GAS SYSTEM AREA-107		Zone 5
	330190380	109-AT-101	109-AT-101:ANALYZER TRANSMITTER	D	WKSH-06	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190381	109-AT-102	109-AT-102:ANALYZER TRANSMITTER	A	WKSH-06	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190382	109-AT-103	109-AT-103:ANALYZER TRANSMITTER	D	WKSH-06	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190409	109-FV-261	109-FV-261:FLOW CONTROL VALVE, ON-OFF	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190410	109-FV-30	109-FV-30:FLOW CONTROL VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190411	109-FV-561	109-FV-561:FLOW CONTROL VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190412	109-FV-565	109-FV-565:FLOW CONTROL VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190413	109-FV-645-1	109-FV-645-1:FLOW CONTROL VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190414	109-FV-645-2	109-FV-645-2:FLOW CONTROL VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190415	109-FV-645-3	109-FV-645-3:FLOW CONTROL VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190416	109-FV-70-1	109-FV-70-1:FLOW CONTROL VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190417	109-FV-70-2	109-FV-70-2:FLOW CONTROL VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190455	109-HV-241	109-HV-241:ON-OFF VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190456	109-KV-242	109-KV-242:ON-OFF VALVE	B	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190457	109-KV-243	109-KV-243:ON-OFF VALVE	B	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190458	109-KV-245	109-KV-245:ON-OFF VALVE, 4-WAY	A	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190459	109-KV-251	109-KV-251:ON-OFF VALVE	B	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190460	109-KV-252	109-KV-252:ON-OFF VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190475	109-LV-024-1	109-LV-024-1:LEVEL CONTROL VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190476	109-LV-024-2	109-LV-024-2:LEVEL CONTROL VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190477	109-LV-027	109-LV-027:LEVEL CONTROL VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190478	109-LV-268	109-LV-268:LEVEL CONTROL VALVE	C	INST-05	Valve Actuated	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190482	109-NV-157-1	109-NV-157-1:ON-OFF VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190483	109-NV-157-2	109-NV-157-2:ON-OFF VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190484	109-NV-157-3	109-NV-157-3:ON-OFF VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190485	109-NV-158-1	109-NV-158-1:ON-OFF VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190486	109-NV-158-2	109-NV-158-2:ON-OFF VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190487	109-NV-158-3	109-NV-158-3:ON-OFF VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190488	109-NV-926	109-NV-926:ON-OFF VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190489	109-PCV-101	109-PCV-101:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190490	109-PCV-102-1	109-PCV-102-1:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190491	109-PCV-102-2	109-PCV-102-2:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190492	109-PCV-108	109-PCV-108:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190493	109-PCV-277	109-PCV-277:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190494	109-PCV-527	109-PCV-527:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190495	109-PCV-607-1	109-PCV-607-1:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190496	109-PCV-607-2	109-PCV-607-2:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190497	109-PCV-607-3	109-PCV-607-3:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190498	109-PCV-90	109-PCV-90:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190499	109-PCV-948	109-PCV-948:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190500	109-PCV-971	109-PCV-971:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190501	109-PCV-972	109-PCV-972:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190561	109-PV-180-1	109-PV-180-1:PRESSURE VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190562	109-PV-180-2	109-PV-180-2:PRESSURE VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190563	109-PV-190	109-PV-190:PRESSURE VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190564	109-PV-311-1	109-PV-311-1:PRESSURE VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190565	109-PV-311-2	109-PV-311-2:PRESSURE VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190566	109-PV-925	109-PV-925:PRESSURE VALVE	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190567	109-PY-181	109-PY-181:SOLENOID VALVE	B	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190568	109-PY-311-1	109-PY-311-1:SOLENOID VALVE	D	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190569	109-PY-311-2	109-PY-311-2:SOLENOID VALVE	D	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190577	109-TCV-188	109-TCV-188:TEMPERATURE CONTROL VALVE	B	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190578	109-TCV-198	109-TCV-198:TEMPERATURE CONTROL VALVE	B	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190579	109-TCV-533	109-TCV-533:TEMPERATURE CONTROL VALVE	B	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190659	109-TV-182	109-TV-182:TEMPERATURE VALVE	C	INST-05	Valve Actuated	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190660	109-TV-192	109-TV-192:TEMPERATURE VALVE	C	INST-05	Valve Actuated	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190684	109-XV-157-1	109-XV-157-1:SOLENOID VALVE	C	INST-05	Valve Actuated	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190685	109-XV-157-2	109-XV-157-2:SOLENOID VALVE	C	INST-05	Valve Actuated	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190686	109-XV-157-3	109-XV-157-3:SOLENOID VALVE	C	INST-05	Valve Actuated	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190687	109-XV-158-1	109-XV-158-1:SOLENOID VALVE	D	INST-05	Valve Actuated	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190688	109-XV-158-2	109-XV-158-2:SOLENOID VALVE	D	INST-05	Valve Actuated	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190689	109-XV-158-3	109-XV-158-3:SOLENOID VALVE	D	INST-05	Valve Actuated	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190690	109-XV-190	109-XV-190:SOLENOID VALVE	D	INST-05	Valve Actuated	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190691	109-XV-192	109-XV-192:SOLENOID VALVE	D	INST-05	Valve Actuated	STORAGE AREA AREA-109	N2 Plant	Zone 5
	330190692	109-XV-241	109-XV-241:SOLENOID VALVE	D	INST-05	Valve Actuated	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190693	109-XV-242	109-XV-242:SOLENOID VALVE	D	INST-05	Valve Actuated	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190694	109-XV-243	109-XV-243:SOLENOID VALVE	D	INST-05	Valve Actuated	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190695	109-XV-245-1	109-XV-245-1:SOLENOID VALVE	D	INST-05	Valve Actuated	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190696	109-XV-245-2	109-XV-245-2:SOLENOID VALVE	D	INST-05	Valve Actuated	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190697	109-XV-251-1	109-XV-251-1:SOLENOID VALVE	D	INST-05	Valve Actuated	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190698	109-XV-251-2	109-XV-251-2:SOLENOID VALVE	D	INST-05	Valve Actuated	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190699	109-XV-261	109-XV-261:SOLENOID VALVE	D	INST-05	Valve Actuated	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190700	109-XV-271	109-XV-271:SOLENOID VALVE	D	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330190701	109-XV-276	109-XV-276:SOLENOID VALVE	D	INST-05	Valve Actuated	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190702	109-XV-926	109-XV-926:SOLENOID VALVE	D	INST-05	Valve Actuated	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330191041	110-AT-401	110-AT-401:ANALYZER TRANSMITTER	D	WKSH-06	Valve Actuated	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191092	110-AT-501	110-AT-501:ANALYZER TRANSMITTER	D	WKSH-06	Valve Actuated	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191156	110-PCV-123	110-PCV-123:PRESSURE CONTROL VALVE	C	INST-05	Valve Actuated	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191157	110-PCV-223	110-PCV-223:PRESSURE CONTROL VALVE	C	INST-05	Valve Actuated	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191158	110-PCV-601	110-PCV-601:PRESSURE CONTROL VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191159	110-PCV-602	110-PCV-602:PRESSURE CONTROL VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191160	110-PCV-603	110-PCV-603:PRESSURE CONTROL VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191194	110-FV-102	110-FV-102:FLOW CONTROL VALVE	C	INST-05	Valve Actuated	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191195	110-FV-202	110-FV-202:FLOW CONTROL VALVE	C	INST-05	Valve Actuated	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191238	110-PV-111	110-PV-111:PRESSURE VALVE	C	INST-05	Valve Actuated	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191239	110-PV-201	110-PV-201:PRESSURE VALVE	C	INST-05	Valve Actuated	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191378	110-XV-111	110-XV-111:SOLENOID VALVE	C	INST-05	Valve Actuated	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191381	110-XV-401	110-XV-401:ON-OFF VALVE	B	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191382	110-XV-402	110-XV-402:ON-OFF VALVE	B	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191383	110-XV-403	110-XV-403:ON-OFF VALVE	B	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191384	110-XV-404	110-XV-404:ON-OFF VALVE	B	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191385	110-XV-405	110-XV-405:ON-OFF VALVE	B	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191386	110-XV-406	110-XV-406:ON-OFF VALVE	B	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191387	110-XV-407	110-XV-407:ON-OFF VALVE	B	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191388	110-XV-414	110-XV-414:ON-OFF VALVE	B	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191389	110-XV-419	110-XV-419:ON-OFF VALVE	B	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191390	110-XV-429	110-XV-429:ON-OFF VALVE	C	INST-05	Valve Actuated	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330191391	110-XV-501	110-XV-501:ON-OFF VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191392	110-XV-502	110-XV-502:ON-OFF VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191393	110-XV-503	110-XV-503:ON-OFF VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191394	110-XV-504	110-XV-504:ON-OFF VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191395	110-XV-505	110-XV-505:ON-OFF VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330191396	110-XV-506	110-XV-506:ON-OFF VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191397	110-XV-514	110-XV-514:ON-OFF VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191398	110-XV-519	110-XV-519:ON-OFF VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191399	110-XV-5407	110-XV-5407:ON-OFF VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191400	110-XV-601	110-XV-601:ON-OFF VALVE	C	INST-05	Valve Actuated	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330191401	110-XY-420	110-XY-420:ON-OFF VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191402	110-XY-421	110-XY-421:ON-OFF VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191403	110-XY-429	110-XY-429:ON-OFF VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191404	110-XY-430	110-XY-430:ON-OFF VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191405	110-XY-520	110-XY-520:ON-OFF VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191406	110-XY-521	110-XY-521:ON-OFF VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191407	110-XY-529	110-XY-529:ON-OFF VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191408	110-XY-530	110-XY-530:ON-OFF VALVE	C	INST-05	Valve Actuated	DRYER & AIR RESERVOIR AREA AREA-110	Compressor Area	Zone 5
	330191409	110-XY-601-1	110-XY-601-1:SOLENOID VALVE	C	INST-05	Valve Actuated	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330191410	110-XY-601-2	110-XY-601-2:SOLENOID VALVE	C	INST-05	Valve Actuated	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330191480	111-AT-110	111-AT-110:ANALYZER TRANSMITTER, O2	B	WKSH-06	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191481	111-AT-111	111-AT-111:ANALYZER TRANSMITTER, NOX	A	WKSH-06	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191482	111-AT-112	111-AT-112:ANALYZER TRANSMITTER, SO2	A	WKSH-06	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191483	111-AT-121	111-AT-121:ANALYZER TRANSMITTER, CONDUCT	A	WKSH-06	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191484	111-AT-122	111-AT-122:ANALYZER TRANSMITTER, PH	A	WKSH-06	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191485	111-AT-123	111-AT-123:ANALYZER TRANSMITTER, CONDUCT	A	WKSH-06	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191486	111-AT-210	111-AT-210:ANALYZER TRANSMITTER, O2	B	WKSH-06	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191487	111-AT-211	111-AT-211:ANALYZER TRANSMITTER, NOX	A	WKSH-06	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191488	111-AT-212	111-AT-212:ANALYZER TRANSMITTER, SO2	A	WKSH-06	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191489	111-AT-221	111-AT-221:ANALYZER TRANSMITTER, CONDUCT	A	WKSH-06	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191490	111-AT-222	111-AT-222:ANALYZER TRANSMITTER, PH	A	WKSH-06	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191491	111-AT-223	111-AT-223:ANALYZER TRANSMITTER, CONDUCT	A	WKSH-06	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191493	111-AT-310	111-AT-310:ANALYZER TRANSMITTER, O2	B	WKSH-06	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191494	111-AT-311	111-AT-311:ANALYZER TRANSMITTER, NOX	A	WKSH-06	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191495	111-AT-312	111-AT-312:ANALYZER TRANSMITTER, SO2	A	WKSH-06	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191496	111-AT-321	111-AT-321:ANALYZER TRANSMITTER, CONDUCT	A	WKSH-06	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191497	111-AT-322	111-AT-322:ANALYZER TRANSMITTER, PH	A	WKSH-06	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191498	111-AT-323	111-AT-323:ANALYZER TRANSMITTER, CONDUCT	A	WKSH-06	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191499	111-AT-410	111-AT-410:ANALYZER TRANSMITTER, O2	B	WKSH-06	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191500	111-AT-411	111-AT-411:ANALYZER TRANSMITTER, NOX	A	WKSH-06	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191501	111-AT-412	111-AT-412:ANALYZER TRANSMITTER, SO2	A	WKSH-06	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191502	111-AT-421	111-AT-421:ANALYZER TRANSMITTER, CONDUCT	A	WKSH-06	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191503	111-AT-422	111-AT-422:ANALYZER TRANSMITTER, PH	A	WKSH-06	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191516	111-FV-001	111-FV-001:FLOW CONTROL VALVE	D	INST-05	Valve Actuated	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191519	111-GV-001	111-GV-001:AUTO START VALVE	C	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191520	111-GV-002	111-GV-002:AUTO START VALVE	C	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191521	111-GY-001A	111-GY-001A:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191522	111-GY-001B	111-GY-001B:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191523	111-GY-002A	111-GY-002A:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191535	111-HV-152	111-HV-152:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191536	111-HV-153	111-HV-153:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191537	111-HV-154	111-HV-154:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191538	111-HV-157	111-HV-157:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191539	111-HV-159	111-HV-159:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191540	111-HV-160	111-HV-160:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191541	111-HV-161	111-HV-161:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191542	111-HV-164	111-HV-164:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191543	111-HV-166	111-HV-166:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191544	111-HV-167	111-HV-167:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191545	111-HV-168	111-HV-168:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191546	111-HV-252	111-HV-252:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191547	111-HV-253	111-HV-253:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191548	111-HV-254	111-HV-254:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191549	111-HV-257	111-HV-257:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191550	111-HV-259	111-HV-259:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191551	111-HV-260	111-HV-260:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191552	111-HV-261	111-HV-261:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191553	111-HV-264	111-HV-264:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191554	111-HV-266	111-HV-266:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191555	111-HV-267	111-HV-267:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191556	111-HV-268	111-HV-268:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191557	111-AT-423	111-AT-423:ANALYZER TRANSMITTER, CONDUCT	A	WKSH-06	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191558	111-AT-921	111-AT-921:ANALYZER TRANSMITTER, DISSOLV	A	WKSH-06	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191559	111-AT-922	111-AT-922:ANALYZER TRANSMITTER, DISSOLV	A	WKSH-06	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191561	111-AV-123	111-AV-123:CONTROL VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191562	111-AV-223	111-AV-223:CONTROL VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191563	111-AV-323	111-AV-323:CONTROL VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191564	111-AV-423	111-AV-423:CONTROL VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191572	111-FV-005	111-FV-005:FLOW CONTROL VALVE	D	INST-05	Valve Actuated	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191573	111-FV-006	111-FV-006:FLOW CONTROL VALVE	D	INST-05	Valve Actuated	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191574	111-GY-002B	111-GY-002B:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191594	111-HV-139	111-HV-139:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191595	111-HV-150	111-HV-150:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191596	111-HV-171	111-HV-171:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191597	111-HV-173	111-HV-173:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191598	111-HV-174	111-HV-174:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191599	111-HV-178	111-HV-178:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191600	111-HV-180	111-HV-180:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191601	111-HV-181	111-HV-181:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191602	111-HV-185	111-HV-185:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191603	111-HV-187	111-HV-187:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191604	111-HV-188	111-HV-188:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191605	111-HV-239	111-HV-239:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191606	111-HV-250	111-HV-250:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191607	111-HV-271	111-HV-271:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191608	111-HV-273	111-HV-273:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191609	111-HV-274	111-HV-274:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191610	111-HV-278	111-HV-278:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191611	111-HV-280	111-HV-280:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191612	111-HV-281	111-HV-281:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191613	111-HV-285	111-HV-285:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191614	111-HV-287	111-HV-287:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191615	111-HV-288	111-HV-288:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191616	111-HV-339	111-HV-339:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191617	111-HV-350	111-HV-350:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191618	111-HV-352	111-HV-352:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191619	111-HV-353	111-HV-353:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191620	111-HV-354	111-HV-354:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191621	111-HV-357	111-HV-357:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191622	111-HV-359	111-HV-359:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191623	111-HV-360	111-HV-360:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191624	111-HV-361	111-HV-361:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191625	111-HV-364	111-HV-364:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191626	111-HV-366	111-HV-366:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191627	111-HV-367	111-HV-367:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191628	111-HV-368	111-HV-368:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191629	111-HV-453	111-HV-453:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191630	111-HV-454	111-HV-454:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191631	111-HV-457	111-HV-457:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191632	111-HV-459	111-HV-459:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191633	111-HV-460	111-HV-460:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191634	111-HV-461	111-HV-461:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191635	111-HV-464	111-HV-464:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191636	111-HV-466	111-HV-466:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191637	111-HV-467	111-HV-467:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191638	111-HV-468	111-HV-468:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191639	111-HV-471	111-HV-471:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191698	111-LCV-990	111-LCV-990:CONTROL VALVE	C	INST-05	Valve Actuated	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330191706	111-HV-371	111-HV-371:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191707	111-HV-373	111-HV-373:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191708	111-HV-374	111-HV-374:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191709	111-HV-378	111-HV-378:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191710	111-HV-380	111-HV-380:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191711	111-HV-385	111-HV-385:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191712	111-HV-387	111-HV-387:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191713	111-HV-388	111-HV-388:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191714	111-HV-439	111-HV-439:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330191715	111-HV-450	111-HV-450:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191716	111-HV-452	111-HV-452:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191717	111-HV-473	111-HV-473:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191718	111-HV-474	111-HV-474:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191719	111-HV-478	111-HV-478:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191720	111-HV-480	111-HV-480:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191721	111-HV-485	111-HV-485:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191723	111-HV-487	111-HV-487:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191724	111-HV-488	111-HV-488:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191815	111-LV-001	111-LV-001:LEVEL CONTROL VALVE	B	INST-05	Valve Actuated	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191816	111-LV-004	111-LV-004:LEVEL CONTROL VALVE	C	INST-05	Valve Actuated	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191817	111-LY-912	111-LY-912:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191818	111-LY-913	111-LY-913:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191875	111-LV-005	111-LV-005:LEVEL CONTROL VALVE	C	INST-05	Valve Actuated	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330191876	111-LV-901	111-LV-901:LEVEL CONTROL VALVE	B	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191877	111-LV-902	111-LV-902:LEVEL CONTROL VALVE	B	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191878	111-LV-903	111-LV-903:LEVEL CONTROL VALVE	B	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191879	111-LV-911	111-LV-911:LEVEL CONTROL VALVE	B	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191880	111-LV-912	111-LV-912:LEVEL CONTROL VALVE	B	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191881	111-LV-913	111-LV-913:LEVEL CONTROL VALVE	B	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191885	111-LY-911	111-LY-911:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191893	111-PCV-144	111-PCV-144:PRESSURE CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191894	111-PCV-244	111-PCV-244:PRESSURE CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191895	111-PCV-344	111-PCV-344:PRESSURE CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191896	111-PCV-444	111-PCV-444:PRESSURE CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191954	111-PV-008A	111-PV-008A:PRESSURE VALVE	B	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330191955	111-PV-008B	111-PV-008B:PRESSURE VALVE	B	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330191956	111-PV-059	111-PV-059:PRESSURE VALVE	B	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330191957	111-PV-130	111-PV-130:PRESSURE VALVE	B	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191958	111-PV-140	111-PV-140:PRESSURE VALVE	B	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191959	111-PV-230	111-PV-230:PRESSURE VALVE	B	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191960	111-PV-240	111-PV-240:PRESSURE VALVE	B	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330191961	111-PV-330	111-PV-330:PRESSURE VALVE	B	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191962	111-PV-340	111-PV-340:PRESSURE VALVE	B	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330191963	111-PV-430	111-PV-430:PRESSURE VALVE	B	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191964	111-PV-440	111-PV-440:PRESSURE VALVE	B	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330191965	111-PV-901	111-PV-901:PRESSURE VALVE	B	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191966	111-PV-902	111-PV-902:PRESSURE VALVE	B	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191970	111-PY-130	111-PY-130:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330191974	111-PY-901	111-PY-901:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191975	111-PY-902	111-PY-902:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191976	111-PY-911	111-PY-911:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330191977	111-PY-912	111-PY-912:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192014	111-PV-010A	111-PV-010A:PRESSURE VALVE	B	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192015	111-PV-010B	111-PV-010B:PRESSURE VALVE	B	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192016	111-PV-011A	111-PV-011A:PRESSURE VALVE	B	INST-05	Valve Actuated	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192017	111-PV-011B	111-PV-011B:PRESSURE VALVE	B	INST-05	Valve Actuated	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192018	111-PV-014	111-PV-014:PRESSURE VALVE	B	INST-05	Valve Actuated	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330192019	111-PV-040A	111-PV-040A:PRESSURE VALVE	B	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192020	111-PV-040B	111-PV-040B:PRESSURE VALVE	B	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192021	111-PV-051	111-PV-051:PRESSURE VALVE	B	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192022	111-PV-052	111-PV-052:PRESSURE VALVE	B	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192023	111-PV-053A	111-PV-053A:PRESSURE VALVE	B	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192024	111-PV-053B	111-PV-053B:PRESSURE VALVE	B	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192025	111-PV-911	111-PV-911:PRESSURE VALVE	B	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192026	111-PV-912	111-PV-912:PRESSURE VALVE	B	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192159	111-TV-049B	111-TV-049B:TEMPERATURE VALVE	C	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192162	111-TV-050A	111-TV-050A:TEMPERATURE VALVE	C	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192164	111-TV-050B	111-TV-050B:TEMPERATURE VALVE	C	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192166	111-TV-105	111-TV-105:TEMPERATURE VALVE	B	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192167	111-TV-106	111-TV-106:TEMPERATURE VALVE	B	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192168	111-TV-205	111-TV-205:TEMPERATURE VALVE	B	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192170	111-TV-206	111-TV-206:TEMPERATURE VALVE	B	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192171	111-TV-305	111-TV-305:TEMPERATURE VALVE	B	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192172	111-TV-306	111-TV-306:TEMPERATURE VALVE	B	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192173	111-TV-405	111-TV-405:TEMPERATURE VALVE	B	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192175	111-TV-406	111-TV-406:TEMPERATURE VALVE	B	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192237	111-TV-047A	111-TV-047A:TEMPERATURE VALVE	C	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192238	111-TV-047B	111-TV-047B:TEMPERATURE VALVE	C	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192239	111-TV-048A	111-TV-048A:TEMPERATURE VALVE	C	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192240	111-TV-048B	111-TV-048B:TEMPERATURE VALVE	C	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192241	111-TV-049A	111-TV-049A:TEMPERATURE VALVE	C	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192411	111-XV-014	111-XV-014:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192414	111-XV-024	111-XV-024:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192417	111-XV-034	111-XV-034:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192420	111-XV-044	111-XV-044:ON-OFF VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192422	111-XV-065	111-XV-065:ON-OFF VALVE	C	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192425	111-XV-066	111-XV-066:ON-OFF VALVE	C	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192427	111-XV-067	111-XV-067:ON-OFF VALVE	C	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192429	111-XV-068	111-XV-068:ON-OFF VALVE	C	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192431	111-XV-125	111-XV-125:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192433	111-XV-205	111-XV-205:ON-OFF VALVE	B	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192435	111-XV-212	111-XV-212:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192438	111-XV-257	111-XV-257:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192440	111-XV-258A	111-XV-258A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192443	111-XV-258B	111-XV-258B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192446	111-XV-258C	111-XV-258C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192449	111-XV-259	111-XV-259:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192452	111-XV-262	111-XV-262:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192454	111-XV-264	111-XV-264:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192457	111-XV-265A	111-XV-265A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192460	111-XV-265B	111-XV-265B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192463	111-XV-265C	111-XV-265C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192465	111-XV-266	111-XV-266:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192467	111-XV-280	111-XV-280:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192470	111-XV-283	111-XV-283:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192472	111-XV-285	111-XV-285:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192473	111-XV-286A	111-XV-286A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192474	111-XV-286B	111-XV-286B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192475	111-XV-286C	111-XV-286C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192476	111-XV-287	111-XV-287:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192477	111-XV-290	111-XV-290:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192478	111-XV-305	111-XV-305:ON-OFF VALVE	B	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192479	111-XV-312	111-XV-312:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192480	111-XV-325	111-XV-325:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192481	111-XV-358A	111-XV-358A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192482	111-XV-358B	111-XV-358B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192483	111-XV-358C	111-XV-358C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192484	111-XV-359	111-XV-359:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192485	111-XV-362	111-XV-362:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192486	111-XV-364	111-XV-364:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192487	111-XV-365A	111-XV-365A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192488	111-XV-365B	111-XV-365B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192489	111-XV-365C	111-XV-365C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192490	111-XV-366	111-XV-366:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192491	111-XV-369	111-XV-369:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192492	111-XV-383	111-XV-383:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192493	111-XV-385	111-XV-385:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192494	111-XV-386A	111-XV-386A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192495	111-XV-386B	111-XV-386B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192496	111-XV-386C	111-XV-386C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192497	111-XV-387	111-XV-387:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192498	111-XV-390	111-XV-390:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192499	111-XV-405	111-XV-405:ON-OFF VALVE	B	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192500	111-XV-412	111-XV-412:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192501	111-XV-425	111-XV-425:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192502	111-XV-430	111-XV-430:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192525	111-XV-225	111-XV-225:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192526	111-XV-230	111-XV-230:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192527	111-XV-238	111-XV-238:ON-OFF VALVE	B	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192528	111-XV-240	111-XV-240:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192529	111-XV-245	111-XV-245:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330192530	111-XV-250	111-XV-250:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192531	111-XV-251A	111-XV-251A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192532	111-XV-251B	111-XV-251B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192533	111-XV-251C	111-XV-251C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192534	111-XV-252	111-XV-252:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192535	111-XV-255	111-XV-255:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192536	111-XV-269	111-XV-269:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192537	111-XV-271	111-XV-271:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192538	111-XV-272A	111-XV-272A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192539	111-XV-272B	111-XV-272B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192540	111-XV-272C	111-XV-272C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192541	111-XV-273	111-XV-273:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192542	111-XV-276	111-XV-276:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192543	111-XV-278	111-XV-278:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192544	111-XV-279A	111-XV-279A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192545	111-XV-279B	111-XV-279B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192546	111-XV-279C	111-XV-279C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330192547	111-XV-330	111-XV-330:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192548	111-XV-338	111-XV-338:ON-OFF VALVE	B	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192549	111-XV-340	111-XV-340:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192550	111-XV-345	111-XV-345:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192551	111-XV-350	111-XV-350:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192552	111-XV-351A	111-XV-351A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192553	111-XV-351B	111-XV-351B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192554	111-XV-351C	111-XV-351C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192555	111-XV-352	111-XV-352:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192556	111-XV-355	111-XV-355:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192557	111-XV-357	111-XV-357:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192558	111-XV-371	111-XV-371:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192559	111-XV-372A	111-XV-372A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192560	111-XV-372B	111-XV-372B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192561	111-XV-372C	111-XV-372C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192562	111-XV-373	111-XV-373:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192563	111-XV-376	111-XV-376:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192564	111-XV-378	111-XV-378:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192565	111-XV-379A	111-XV-379A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192566	111-XV-379B	111-XV-379B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192567	111-XV-379C	111-XV-379C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192568	111-XV-380	111-XV-380:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330192569	111-XV-438	111-XV-438:ON-OFF VALVE	B	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192570	111-XV-440	111-XV-440:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192571	111-XV-445	111-XV-445:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192572	111-XV-450	111-XV-450:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192573	111-XV-451A	111-XV-451A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192574	111-XV-451B	111-XV-451B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192575	111-XV-451C	111-XV-451C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192576	111-XV-452	111-XV-452:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192577	111-XV-455	111-XV-455:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192578	111-XV-457	111-XV-457:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192579	111-XV-458A	111-XV-458A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192580	111-XV-472A	111-XV-472A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192581	111-XV-472B	111-XV-472B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192582	111-XV-472C	111-XV-472C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192583	111-XV-473	111-XV-473:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192584	111-XV-476	111-XV-476:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192585	111-XV-478	111-XV-478:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192586	111-XV-479A	111-XV-479A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192587	111-XV-479B	111-XV-479B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192588	111-XV-479C	111-XV-479C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192589	111-XV-480	111-XV-480:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192590	111-XV-483	111-XV-483:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192591	111-XV-458B	111-XV-458B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192592	111-XV-458C	111-XV-458C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192593	111-XV-459	111-XV-459:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192594	111-XV-462	111-XV-462:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192595	111-XV-464	111-XV-464:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192596	111-XV-465A	111-XV-465A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192597	111-XV-465B	111-XV-465B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192598	111-XV-465C	111-XV-465C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192599	111-XV-466	111-XV-466:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192600	111-XV-469	111-XV-469:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192601	111-XV-471	111-XV-471:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192602	111-XV-485	111-XV-485:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192603	111-XV-486A	111-XV-486A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192604	111-XV-486B	111-XV-486B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192605	111-XV-486C	111-XV-486C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192606	111-XV-487	111-XV-487:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192607	111-XV-490	111-XV-490:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330192608	111-XV-940	111-XV-940:ON-OFF VALVE	B	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192609	111-XV-941	111-XV-941:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192610	111-XV-950	111-XV-950:ON-OFF VALVE	B	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192611	111-XV-951	111-XV-951:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192612	111-XV-970	111-XV-970:ON-OFF VALVE	B	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192613	111-XY-950	111-XY-950:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192614	111-XY-970	111-XY-970:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192679	111-XV-971	111-XV-971:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192680	111-XY-065	111-XY-065:SOLENOID VALVE	D	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192681	111-XY-066	111-XY-066:SOLENOID VALVE	D	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192682	111-XY-067	111-XY-067:SOLENOID VALVE	D	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192683	111-XY-068	111-XY-068:SOLENOID VALVE	D	INST-05	Valve Actuated	LED DOWN STATION SYSTEM AREA-111	Steam Area	Zone 5
	330192684	111-XY-105	111-XY-105:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192685	111-XY-121	111-XY-121:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192686	111-XY-122	111-XY-122:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192687	111-XY-125	111-XY-125:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330192688	111-XY-922	111-XY-922:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192689	111-XY-940	111-XY-940:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER FEED WATER SYSTEM AREA-111	Steam Area	Zone 5
	330192770	112-PCV-401	112-PCV-401:PRESSURE CONTROL VALVE, INST	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192771	112-PCV-422	112-PCV-422:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192772	112-PCV-423	112-PCV-423:PRESS. CONTROL VALVE, INST A	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192793	112-XY-403	112-XY-403:SOLENOID VALVE, FOR 112-XV-40	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192970	112-AT-101	112-AT-101:ANALYZER TRANSMITTER, MIXED B	D	WKSH-06	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192971	112-AT-201	112-AT-201:ANALYZER TRANSMITTER, MIXED B	D	WKSH-06	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192972	112-AT-301	112-AT-301:ANALYZER TRANSMITTER, MIXED B	D	WKSH-06	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192973	112-AT-401	112-AT-401:ANALYZER TRANSMITTER, MIXED B	D	WKSH-06	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192979	112-FV-101	112-FV-101:F. CTRL VLV, PROC WTR TO MBU	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192980	112-FV-201	112-FV-201:F. CTRL VLV, PROC WTR TO MBU	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192981	112-FV-301	112-FV-301:F. CTRL VLV, PROC WTR TO MBU	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192993	112-XV-402	112-XV-402:SHUT OFF VALVE, WASTE DISCHAR	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192994	112-XV-403	112-XV-403:SHUT OFF VALVE, WASTE DISCHAR	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192996	112-XY-412	112-XY-412:SOLENOID VALVE, FOR 112-XV-41	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192997	112-XY-413	112-XY-413:SOLENOID VALVE, FOR 112-XV-41	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192998	112-XY-414	112-XY-414:SOLENOID VALVE, FOR 112-XV-41	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330192999	112-XY-415	112-XY-415:SOLENOID VALVE, FOR 112-XV-41	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193000	112-XY-416	112-XY-416:SOLENOID VALVE, FOR 112-XV-41	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193001	112-XY-417	112-XY-417:SOLENOID VALVE, FOR 112-XV-41	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193002	112-XY-418	112-XY-418:SOLENOID VALVE, FOR 112-XV-41	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193003	112-XY-419	112-XY-419:SOLENOID VALVE, FOR 112-XV-41	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193004	112-XY-420	112-XY-420:SOLENOID VALVE, FOR 112-XV-42	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193005	112-XY-421	112-XY-421:SOLENOID VALVE, FOR 112-XV-42	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330193063	113-LY-001	113-LY-001:SOLENOID VALVE, ON 113-LV-001	D	INST-05	Valve Actuated	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330193069	114-LV-001	114-LV-001:LEVEL CONTROL VALVE, POTABLE	D	INST-05	Valve Actuated	POTABLE WATER AREA-114	Potable water Area	Zone 5
	330193070	114-LY-001	114-LY-001:SOLENOID VALVE, FOR LEVEL VAL	D	INST-05	Valve Actuated	POTABLE WATER AREA-114	Potable water Area	Zone 5
	330193075	115-CV-186	115-CV-186:CONTROL VALVE	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193107	113-FV-002	113-FV-002:F. CONTROL VLV, PROC WATERTAN	D	INST-05	Valve Actuated	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330193120	115-CV-151	115-CV-151:CONTROL VALVE	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193121	115-CV-181	115-CV-181:CONTROL VALVE	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193126	115-FV-006	115-FV-006:FLOW CONTROL VALVE, SEA WATER	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193130	115-LV-004A	115-LV-004A:LEVEL CTRL VLV, SEA WTR BUSH	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193131	115-LV-004B	115-LV-004B:LEVEL CTRL VLV, SEA WTR BUSH	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193132	115-LV-171	115-LV-171:LEVEL CTRL VLV, SURF COND HOT	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193133	115-LY-004A	115-LY-004A:SOLENOID VALVE, SEA WATER BU	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193134	115-LY-004B	115-LY-004B:SOLENOID VALVE, SEA WATER BU	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330193145	115-XV-019	115-XV-019:SHUT OFF VALVE, TURBINE CONDE	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193146	115-XV-020	115-XV-020:SHUT OFF VALVE, TURBINE CONDE	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193147	115-XV-024	115-XV-024:SHUT OFF VALVE, TURBINE CONDE	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193148	115-XV-025	115-XV-025:SHUT OFF VALVE, TURBINE CONDE	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193149	115-XY-019	115-XY-019:SOLENOID VALVE, FOR SHUT OFF	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193157	116-KV-023	116-KV-023:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193158	116-KV-024	116-KV-024:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193159	116-KV-025	116-KV-025:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193160	116-KV-026	116-KV-026:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193161	116-KV-027	116-KV-027:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193162	116-KV-028	116-KV-028:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193163	116-KV-029	116-KV-029:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193164	116-KV-030	116-KV-030:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193165	116-KV-031	116-KV-031:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193166	116-KV-032	116-KV-032:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193167	116-KV-033	116-KV-033:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193168	116-KV-045	116-KV-045:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193169	116-KV-046	116-KV-046:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193170	116-KV-047	116-KV-047:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193171	116-KV-048	116-KV-048:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193172	116-KV-049	116-KV-049:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193173	116-KV-050	116-KV-050:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193174	116-KV-051	116-KV-051:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193175	116-KV-052	116-KV-052:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193180	115-XY-020	115-XY-020:SOLENOID VALVE, FOR SHUT OFF	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193181	115-XY-024	115-XY-024:SOLENOID VALVE, FOR SHUT OFF	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193182	115-XY-025	115-XY-025:SOLENOID VALVE, FOR SHUT OFF	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330193187	116-FV-001	116-FV-001:FLOW CONTROL VALVE, SEA WATER	A	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193188	116-FV-003	116-FV-003:FLOW CONTROL VALVE, SEA WATER	A	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193191	116-KV-013	116-KV-013:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193192	116-KV-014	116-KV-014:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193193	116-KV-015	116-KV-015:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193194	116-KV-016	116-KV-016:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193195	116-KV-017	116-KV-017:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193196	116-KV-018	116-KV-018:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193197	116-KV-019	116-KV-019:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193198	116-KV-020	116-KV-020:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193199	116-KV-021	116-KV-021:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193200	116-KV-022	116-KV-022:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193201	116-KV-034	116-KV-034:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193202	116-KV-035	116-KV-035:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193203	116-KV-036	116-KV-036:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193204	116-KV-037	116-KV-037:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193205	116-KV-038	116-KV-038:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193206	116-KV-039	116-KV-039:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193207	116-KV-040	116-KV-040:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193208	116-KV-041	116-KV-041:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193209	116-KV-042	116-KV-042:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193210	116-KV-043	116-KV-043:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193211	116-KV-044	116-KV-044:ON-OFF VALVE, SEA WATER STRAI	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330193214	116-LV-001	116-LV-001:LEVEL CONTROL VALVE, PROC WAT	C	INST-05	Valve Actuated	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330193247	116-XV-026	116-XV-026:SHUT OFF VALVE, TURB COND TO	C	INST-05	Valve Actuated	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330193248	116-XV-027	116-XV-027:SHUT OFF VALVE, TURB COND TO	C	INST-05	Valve Actuated	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330193280	116-XV-021	116-XV-021:SHUT OFF VALVE, TURB COND TO	C	INST-05	Valve Actuated	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330193281	116-XV-022	116-XV-022:SHUT OFF VALVE, TURB COND TO	C	INST-05	Valve Actuated	COOLING WATER CIRC. PUMP AREA-116	Cooling Water Area	Zone 5
	330193326	117-LV-001	117-LV-001:LEVEL CONTROL VALVE, PROC WAT	C	INST-05	Valve Actuated	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330193873	117-XY-023	117-XY-023:SHUT OFF VALVE, TURBINE CONDE	C	INST-05	Valve Actuated	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	330193874	117-XY-028	117-XY-028:SHUT OFF VALVE, TURBINE CONDE	C	INST-05	Valve Actuated	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	330194176	119-FV-003A	119-FV-003A:FLOW CONTROL VALVE, STEAM TO	C	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194177	119-FV-003B	119-FV-003B:FLOW CONTROL VALVE, STEAM TO	C	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194198	119-PCV-032	119-PCV-032:PRESS. CONTROL VALVE, FUEL G	D	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194199	119-PCV-035	119-PCV-035:PRESSURE CONTROL VALVE, LPG	C	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194200	119-PCV-038	119-PCV-038:PRESSURE CONTROL VALVE, IGNI	D	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194201	119-PCV-041	119-PCV-041:PRESS. CONTROL VALVE, INST A	D	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194202	119-PCV-044	119-PCV-044:PRESSURE CONTROL VALVE, LPG	C	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194235	119-XV-005	119-XV-005:ON-OFF VALVE, WATER SEAL DRUM	C	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194236	119-XV-006	119-XV-006:ON-OFF VALVE, WATER SEAL DRUM	C	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194237	119-XV-007	119-XV-007:ON-OFF VALVE, WATER SEAL DRUM	D	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194238	119-XV-008	119-XV-008:ON-OFF VALVE, WATER SEAL DRUM	D	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194239	119-XV-009	119-XV-009:ON-OFF VALVE, WATER SEAL DRUM	D	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194240	119-XV-011	119-XV-011:ON-OFF VALVE, PURGE GAS TO HP	C	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194241	119-XV-012	119-XV-012:ON-OFF VALVE, PURGE GAS TO HP	D	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194242	119-XV-013	119-XV-013:ON-OFF VALVE, PURGE GAS TO HP	C	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194243	119-XV-014	119-XV-014:ON-OFF VALVE, PURGE GAS TO HP	D	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194244	119-LV-035	119-LV-035:ON-OFF VALVE, WATER SEAL DRUM	D	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194253	119-FV-002A	119-FV-002A:FLOW CONTROL VALVE, STEAM TO	C	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194254	119-FV-002B	119-FV-002B:FLOW CONTROL VALVE, STEAM TO	C	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194271	119-PCV-047	119-PCV-047:PRESS. CONTROL VALVE, FUEL G	D	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194272	119-PCV-050	119-PCV-050:PRESS. CONTROL VALVE, FUEL G	D	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194273	119-PCV-053	119-PCV-053:PRESS. CONTROL VALVE, FUEL G	C	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194308	119-LV-034	119-LV-034:ON-OFF VALVE, WATER SEAL DRUM	D	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194309	119-XY-011	119-XY-011:SOLENOID VALVE, PURGE GAS TO	B	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194310	119-XY-012	119-XY-012:SOLENOID VALVE, PURGE GAS TO	C	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194311	119-XY-013	119-XY-013:SOLENOID VALVE, PURGE GAS TO	B	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194312	119-XY-014	119-XY-014:SOLENOID VALVE, PURGE GAS TO	C	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194313	119-LY-035	119-LY-035:SOLENOID VALVE, WATER SEAL DR	D	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330194314	119-LY-034	119-LY-034:SOLENOID VALVE, WATER SEAL DR	C	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330199633	120-AT-116	120-AT-116:ANALYZER TRANSMITTER, PTA WAS	D	WKSH-06	Valve Actuated	EFFLUENT STORAGE AREA-120		Zone 5
	330199645	120-AT-103	120-AT-103:ANALYZER TRANSMITTER, DIGESTE	D	WKSH-06	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199648	120-AT-104	120-AT-104:ANALYZER TRANSMITTER, DIGESTE	D	WKSH-06	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199650	120-AT-105	120-AT-105:ANALYZER TRANSMITTER, MIXED L	D	WKSH-06	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199653	120-AT-106	120-AT-106:ANALYZER TRANSMITTER, MIXED L	D	WKSH-06	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199656	120-AT-107	120-AT-107:ANALYZER TRANSMITTER, MIXED L	D	WKSH-06	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330199659	120-AT-108	120-AT-108:ANALYZER TRANSMITTER, MIXED L	D	WKSH-06	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330199662	120-AT-109	120-AT-109:ANALYZER TRANSMITTER, FINAL E	D	WKSH-06	Valve Actuated	EFFLUENT STORAGE AREA-120		Zone 5
	330199891	120-FV-101	120-FV-101:FLOW CONTROL VALVE	C	INST-05	Valve Actuated	EFFLUENT STORAGE AREA-120		Zone 5
	330199894	120-FV-110	120-FV-110:FLOW CONTROL VALVE	C	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330199897	120-FV-111	120-FV-111:FLOW CONTROL VALVE	C	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330199979	120-KV-178	120-KV-178:ON-OFF VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199982	120-KV-217	120-KV-217:ON-OFF VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199985	120-KV-218	120-KV-218:ON-OFF VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199988	120-KV-219	120-KV-219:ON-OFF VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199991	120-KV-220	120-KV-220:ON-OFF VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199994	120-KY-178	120-KY-178:PILOT VALVE, SOLENOID	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330199997	120-KY-179	120-KY-179:PILOT VALVE, SOLENOID	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200000	120-KY-180	120-KY-180:PILOT VALVE, SOLENOID	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200003	120-KY-181	120-KY-181:PILOT VALVE, SOLENOID	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200006	120-KY-182	120-KY-182:PILOT VALVE, SOLENOID	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200009	120-KY-183	120-KY-183:PILOT VALVE, SOLENOID	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200012	120-KY-184	120-KY-184:PILOT VALVE, SOLENOID	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200037	120-KV-179	120-KV-179:ON-OFF VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200040	120-KV-180	120-KV-180:ON-OFF VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200043	120-KV-181	120-KV-181:ON-OFF VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200046	120-KV-182	120-KV-182:ON-OFF VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200048	120-KV-183	120-KV-183:ON-OFF VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200051	120-KV-184	120-KV-184:ON-OFF VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200054	120-KV-185	120-KV-185:ON-OFF VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200057	120-KV-213	120-KV-213:ON-OFF VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200060	120-KV-214	120-KV-214:ON-OFF VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200063	120-KV-215	120-KV-215:ON-OFF VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200066	120-KV-216	120-KV-216:ON-OFF VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200069	120-KY-185	120-KY-185:PILOT VALVE, SOLENOID	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200072	120-KY-213	120-KY-213:PILOT VALVE, SOLENOID	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200075	120-KY-214	120-KY-214:PILOT VALVE, SOLENOID	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200078	120-KY-215	120-KY-215:PILOT VALVE, SOLENOID	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200081	120-KY-216	120-KY-216:PILOT VALVE, SOLENOID	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200083	120-KY-217	120-KY-217:PILOT VALVE, SOLENOID	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200086	120-KY-218	120-KY-218:PILOT VALVE, SOLENOID	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200089	120-KY-219	120-KY-219:PILOT VALVE, SOLENOID	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200092	120-KY-220	120-KY-220:PILOT VALVE, SOLENOID	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200183	120-LV-104	120-LV-104:LEVEL CONTROL VALVE, ON-OFF	C	INST-05	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330200186	120-LV-105	120-LV-105:LEVEL CONTROL VALVE, ON-OFF	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330200189	120-LV-106	120-LV-106:LEVEL CONTROL VALVE, ON-OFF	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200192	120-LV-107	120-LV-107:LEVEL CONTROL VALVE, ON-OFF	C	INST-05	Valve Actuated	EFFLUENT STORAGE AREA-120		Zone 5
	330200195	120-LV-203	120-LV-203:LEVEL CONTROL VALVE, ON-OFF	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200198	120-LY-612	120-LY-612:SOLENOID VALVE	D	INST-05	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330200201	120-LY-691	120-LY-691:SOLENOID VALVE	D	INST-05	Valve Actuated	BELT PRESS PROCESS AREA-120		Zone 5
	330200203	120-LY-692	120-LY-692:SOLENOID VALVE	D	INST-05	Valve Actuated	BELT PRESS PROCESS AREA-120		Zone 5
	330200241	120-MV-146	120-MV-146:SOLENOID VALVE, ON-OFF	C	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330200244	120-MV-147	120-MV-147:SOLENOID VALVE, ON-OFF	C	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330200247	120-MV-468	120-MV-468:SOLENOID VALVE, ON-OFF	C	INST-05	Valve Actuated	BELT PRESS PROCESS AREA-120		Zone 5
	330200250	120-MV-469	120-MV-469:SOLENOID VALVE, ON-OFF	C	INST-05	Valve Actuated	BELT PRESS PROCESS AREA-120		Zone 5
	330200320	120-LV-238	120-LV-238:LEVEL CONTROL VALVE, ON-OFF	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200323	120-LV-582	120-LV-582:LEVEL CONTROL VALVE, ON-OFF	C	INST-05	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330200326	120-LV-612	120-LV-612:LEVEL CONTROL VALVE, ON-OFF	C	INST-05	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330200329	120-LV-691	120-LV-691:LEVEL CONTROL VALVE, ON-OFF	C	INST-05	Valve Actuated	BELT PRESS PROCESS AREA-120		Zone 5
	330200332	120-LV-692	120-LV-692:LEVEL CONTROL VALVE, ON-OFF	C	INST-05	Valve Actuated	BELT PRESS PROCESS AREA-120		Zone 5
	330200335	120-LV-711	120-LV-711:LEVEL CONTROL VALVE, ON-OFF	C	INST-05	Valve Actuated	BELT PRESS PROCESS AREA-120		Zone 5
	330200338	120-LV-712	120-LV-712:LEVEL CONTROL VALVE, ON-OFF	C	INST-05	Valve Actuated	BELT PRESS PROCESS AREA-120		Zone 5
	330200341	120-LY-104	120-LY-104:SOLENOID VALVE	D	INST-05	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330200344	120-LY-203	120-LY-203:SOLENOID VALVE	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200347	120-LY-238	120-LY-238:SOLENOID VALVE	D	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200351	120-LY-582	120-LY-582:SOLENOID VALVE	D	INST-05	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330200377	120-PCV-265	120-PCV-265:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	RC INTERFACE BATTERY LIMITS AREA-130		Zone 5
	330200380	120-PCV-465	120-PCV-465:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	BELT PRESS PROCESS AREA-120		Zone 5
	330200383	120-PCV-685	120-PCV-685:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	BELT PRESS PROCESS AREA-120		Zone 5
	330200386	120-PCV-732	120-PCV-732:PRESSURE CONTROL VALVE	D	INST-05	Valve Actuated	BELT PRESS PROCESS AREA-120		Zone 5
	330200688	120-PV-133	120-PV-133:PRESSURE VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200747	120-TV-101	120-TV-101:TEMPERATURE VALVE	C	INST-05	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330200803	120-PV-134	120-PV-134:PRESSURE VALVE	C	INST-05	Valve Actuated	ANAEROBIC TREATMENT AREA-120		Zone 5
	330200873	120-ZV-327	120-ZV-327:ON-OFF VALVE	C	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330200876	120-ZV-355	120-ZV-355:ON-OFF VALVE	C	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330208404	2201-AT-001	2201-AT-001:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208405	2204-AT-001	2204-AT-001:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208439	2212-AT-004	2212-AT-004:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208440	2212-AT-005	2212-AT-005:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208441	2212-AT-006	2212-AT-006:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208442	2212-AT-007	2212-AT-007:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208443	2212-AT-008	2212-AT-008:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208444	2212-AT-009	2212-AT-009:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208445	2212-AT-010	2212-AT-010:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208446	2212-AT-011	2212-AT-011:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208447	2212-AT-012	2212-AT-012:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208450	2212-AT-001	2212-AT-001:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208451	2212-AT-002	2212-AT-002:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208452	2212-AT-003	2212-AT-003:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208455	2218-AT-010	2218-AT-010:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208456	2218-AT-011	2218-AT-011:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208457	2218-AT-012	2218-AT-012:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208458	2222-AT-001	2222-AT-001:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208479	2218-AT-001	2218-AT-001:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208480	2218-AT-002	2218-AT-002:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208481	2218-AT-003	2218-AT-003:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208482	2218-AT-004	2218-AT-004:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208483	2218-AT-005	2218-AT-005:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208484	2218-AT-006	2218-AT-006:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208485	2218-AT-007	2218-AT-007:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208486	2218-AT-008	2218-AT-008:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208487	2218-AT-009	2218-AT-009:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208488	2231-AT-001	2231-AT-001:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208489	2240-AT-001	2240-AT-001:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208490	2251-AT-001	2251-AT-001:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208491	2251-AT-002	2251-AT-002:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208492	2251-AT-003	2251-AT-003:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330208493	2251-AT-004	2251-AT-004:ANALYZER TRANSMITTER, GAS DE	A	WKSH-06	Valve Actuated	FIRE ALARM SYSTEM AREA-118		Zone 5
	330228082	111-FV-135	111-FV-135:FLOW CONTROL VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228083	111-FV-140	111-FV-140:FLOW CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228088	111-FV-100	111-FV-100:FLOW CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228089	111-FV-105	111-FV-105:FLOW CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228090	111-FV-110	111-FV-110:FLOW CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228091	111-FV-133	111-FV-133:FLOW CONTROL VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228182	111-XV-130	111-XV-130:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228183	111-XV-138	111-XV-138:ON-OFF VALVE	B	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228184	111-XV-140	111-XV-140:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228185	111-XV-145	111-XV-145:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228186	111-XV-150	111-XV-150:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228187	111-XV-151A	111-XV-151A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228188	111-XV-151B	111-XV-151B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228189	111-XV-151C	111-XV-151C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228190	111-XV-152	111-XV-152:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228191	111-XV-155	111-XV-155:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228192	111-XV-157	111-XV-157:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228193	111-XV-171	111-XV-171:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228194	111-XV-172A	111-XV-172A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228195	111-XV-172B	111-XV-172B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228196	111-XV-172C	111-XV-172C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228197	111-XV-173	111-XV-173:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228198	111-XV-176	111-XV-176:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228199	111-XV-178	111-XV-178:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228200	111-XV-179A	111-XV-179A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228201	111-XV-179B	111-XV-179B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228202	111-XV-179C	111-XV-179C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228203	111-XV-180	111-XV-180:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228204	111-XV-105	111-XV-105:ON-OFF VALVE	B	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228205	111-XV-112	111-XV-112:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228206	111-XV-158A	111-XV-158A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228207	111-XV-158B	111-XV-158B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228208	111-XV-158C	111-XV-158C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228209	111-XV-159	111-XV-159:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228210	111-XV-162	111-XV-162:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228211	111-XV-164	111-XV-164:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228212	111-XV-165A	111-XV-165A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228213	111-XV-165B	111-XV-165B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228214	111-XV-165C	111-XV-165C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228215	111-XV-166	111-XV-166:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228216	111-XV-169	111-XV-169:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228217	111-XV-183	111-XV-183:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228218	111-XV-185	111-XV-185:ON-OFF VALVE	A	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228219	111-XV-186A	111-XV-186A:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228220	111-XV-186B	111-XV-186B:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228221	111-XV-186C	111-XV-186C:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228222	111-XV-187	111-XV-187:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228223	111-XV-190	111-XV-190:ON-OFF VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228224	111-XY-112	111-XY-112:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228225	111-XY-130	111-XY-130:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228226	111-XY-138	111-XY-138:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228227	111-XY-140	111-XY-140:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228228	111-XY-163	111-XY-163:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228229	111-XY-164	111-XY-164:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228230	111-XY-165	111-XY-165:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228231	111-XY-166	111-XY-166:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228232	111-XY-169	111-XY-169:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228233	111-XY-170	111-XY-170:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228234	111-XY-171	111-XY-171:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228235	111-XY-172	111-XY-172:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228236	111-XY-173	111-XY-173:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228237	111-XY-176	111-XY-176:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228238	111-XY-191	111-XY-191:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228239	111-XY-145	111-XY-145:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228240	111-XY-150	111-XY-150:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228241	111-XY-151	111-XY-151:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228242	111-XY-152	111-XY-152:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228243	111-XY-155	111-XY-155:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228244	111-XY-156	111-XY-156:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330228245	111-XY-157	111-XY-157:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228246	111-XY-158	111-XY-158:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228247	111-XY-159	111-XY-159:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228248	111-XY-162	111-XY-162:SOLENOID VALVE	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228249	111-XY-177	111-XY-177:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228250	111-XY-178	111-XY-178:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228251	111-XY-179	111-XY-179:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228252	111-XY-180	111-XY-180:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228253	111-XY-183	111-XY-183:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228254	111-XY-184	111-XY-184:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228255	111-XY-185	111-XY-185:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228256	111-XY-186	111-XY-186:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228257	111-XY-187	111-XY-187:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228258	111-XY-190	111-XY-190:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330228268	112-XV-101	112-XV-101:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228269	112-XV-102	112-XV-102:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228270	112-XV-103	112-XV-103:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228271	112-XV-104	112-XV-104:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228272	112-XV-202	112-XV-202:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228273	112-XV-203	112-XV-203:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228274	112-XV-204	112-XV-204:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228275	112-XV-205	112-XV-205:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228276	112-XV-206	112-XV-206:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228277	112-XV-207	112-XV-207:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228278	112-XV-208	112-XV-208:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228279	112-XV-209	112-XV-209:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228280	112-XV-210	112-XV-210:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228281	112-XV-308	112-XV-308:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228282	112-XV-309	112-XV-309:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228283	112-XV-310	112-XV-310:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228284	112-XV-311	112-XV-311:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228285	112-XV-312	112-XV-312:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228286	112-XY-101	112-XY-101:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228287	112-XY-102	112-XY-102:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228288	112-XY-103	112-XY-103:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228289	112-XY-104	112-XY-104:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228290	112-XY-202	112-XY-202:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228291	112-XY-203	112-XY-203:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228292	112-XY-204	112-XY-204:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228293	112-XY-205	112-XY-205:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228294	112-XY-206	112-XY-206:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228295	112-XY-207	112-XY-207:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228296	112-XY-208	112-XY-208:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228297	112-XY-209	112-XY-209:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228298	112-XY-210	112-XY-210:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228299	112-XY-308	112-XY-308:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228300	112-XY-309	112-XY-309:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228301	112-XY-310	112-XY-310:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228302	112-XY-311	112-XY-311:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228303	112-XY-312	112-XY-312:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228304	112-XY-402	112-XY-402:SOLENOID VALVE, FOR 112-XV-40	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228305	112-XV-105	112-XV-105:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228306	112-XV-106	112-XV-106:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228307	112-XV-107	112-XV-107:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228308	112-XV-108	112-XV-108:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228309	112-XV-109	112-XV-109:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228310	112-XV-110	112-XV-110:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228311	112-XV-111	112-XV-111:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228312	112-XV-112	112-XV-112:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228313	112-XV-201	112-XV-201:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228314	112-XV-211	112-XV-211:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228315	112-XV-212	112-XV-212:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228316	112-XV-301	112-XV-301:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228317	112-XV-302	112-XV-302:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228318	112-XV-303	112-XV-303:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228319	112-XV-304	112-XV-304:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228320	112-XV-305	112-XV-305:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228321	112-XV-306	112-XV-306:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228322	112-XV-307	112-XV-307:SHUT OFF VALVE, MIXED BED UNI	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228323	112-XY-105	112-XY-105:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228324	112-XY-106	112-XY-106:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228325	112-XY-107	112-XY-107:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228326	112-XY-108	112-XY-108:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228327	112-XY-109	112-XY-109:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228328	112-XY-110	112-XY-110:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228329	112-XY-111	112-XY-111:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228330	112-XY-112	112-XY-112:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228331	112-XY-201	112-XY-201:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228332	112-XY-211	112-XY-211:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228333	112-XY-212	112-XY-212:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228334	112-XY-301	112-XY-301:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228335	112-XY-302	112-XY-302:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228336	112-XY-303	112-XY-303:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228337	112-XY-304	112-XY-304:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228338	112-XY-305	112-XY-305:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228339	112-XY-306	112-XY-306:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228340	112-XY-307	112-XY-307:SOLENOID VALVE, MIXED BED UNI	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330228352	115-LCV-191	115-LCV-191:LEVEL CONTROL VALVE, TURBINE	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228353	115-LCV-291	115-LCV-291:LEVEL CONTROL VALVE, TURBINE	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228395	115-XV-101	115-XV-101:SHUT OFF VALVE, TURBINE OPER	A	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228396	115-XV-151	115-XV-151:SOL. VALVE, FOR CONTROL VALVE	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228397	115-XV-181	115-XV-181:SOL. VALVE, FOR CONTROL VALVE	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228398	115-XV-186	115-XV-186:SOL. VALVE, FOR CONTROL VALVE	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330229853	111-FV-200	111-FV-200:FLOW CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229854	111-FV-205	111-FV-205:FLOW CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229855	111-FV-210	111-FV-210:FLOW CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229856	111-FV-233	111-FV-233:FLOW CONTROL VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229857	111-FV-235	111-FV-235:FLOW CONTROL VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229858	111-FV-240	111-FV-240:FLOW CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330229859	111-FV-300	111-FV-300:FLOW CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229860	111-FV-305	111-FV-305:FLOW CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229884	111-FV-310	111-FV-310:FLOW CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229885	111-FV-333	111-FV-333:FLOW CONTROL VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229886	111-FV-335	111-FV-335:FLOW CONTROL VALVE	C	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229887	111-FV-340	111-FV-340:FLOW CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330229888	111-FV-400	111-FV-400:FLOW CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229889	111-FV-405	111-FV-405:FLOW CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229890	111-FV-410	111-FV-410:FLOW CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229891	111-FV-433	111-FV-433:FLOW CONTROL VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229892	111-FV-435	111-FV-435:FLOW CONTROL VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330229893	111-FV-440	111-FV-440:FLOW CONTROL VALVE	B	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230129	111-XY-205	111-XY-205:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230130	111-XY-212	111-XY-212:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230131	111-XY-221	111-XY-221:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230132	111-XY-222	111-XY-222:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230133	111-XY-225	111-XY-225:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230134	111-XY-230	111-XY-230:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230135	111-XY-238	111-XY-238:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230136	111-XY-240	111-XY-240:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230137	111-XY-245	111-XY-245:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230138	111-XY-250	111-XY-250:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230139	111-XY-266	111-XY-266:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230140	111-XY-269	111-XY-269:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230141	111-XY-270	111-XY-270:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230142	111-XY-271	111-XY-271:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230143	111-XY-272	111-XY-272:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230144	111-XY-273	111-XY-273:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230145	111-XY-276	111-XY-276:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230146	111-XY-277	111-XY-277:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230147	111-XY-278	111-XY-278:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230148	111-XY-279	111-XY-279:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230149	111-XY-280	111-XY-280:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330230150	111-XY-325	111-XY-325:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230151	111-XY-330	111-XY-330:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230152	111-XY-338	111-XY-338:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230153	111-XY-340	111-XY-340:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230154	111-XY-345	111-XY-345:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230155	111-XY-350	111-XY-350:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230156	111-XY-351	111-XY-351:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230157	111-XY-352	111-XY-352:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230158	111-XY-355	111-XY-355:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230159	111-XY-356	111-XY-356:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230160	111-XY-357	111-XY-357:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230161	111-XY-373	111-XY-373:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230162	111-XY-376	111-XY-376:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230163	111-XY-377	111-XY-377:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230164	111-XY-378	111-XY-378:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230165	111-XY-379	111-XY-379:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230166	111-XY-380	111-XY-380:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230167	111-XY-383	111-XY-383:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230168	111-XY-384	111-XY-384:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230169	111-XY-385	111-XY-385:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230170	111-XY-386	111-XY-386:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230171	111-XY-387	111-XY-387:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230172	111-XY-251	111-XY-251:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230173	111-XY-252	111-XY-252:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230174	111-XY-255	111-XY-255:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230175	111-XY-256	111-XY-256:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230176	111-XY-257	111-XY-257:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230177	111-XY-258	111-XY-258:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230178	111-XY-259	111-XY-259:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230179	111-XY-262	111-XY-262:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230180	111-XY-263	111-XY-263:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230181	111-XY-264	111-XY-264:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230182	111-XY-265	111-XY-265:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230183	111-XY-283	111-XY-283:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230184	111-XY-284	111-XY-284:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230185	111-XY-285	111-XY-285:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230186	111-XY-286	111-XY-286:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230187	111-XY-287	111-XY-287:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230188	111-XY-290	111-XY-290:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230189	111-XY-291	111-XY-291:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 02 AREA-111	Steam Area	Zone 5
	330230190	111-XY-305	111-XY-305:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230191	111-XY-312	111-XY-312:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230192	111-XY-321	111-XY-321:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230193	111-XY-322	111-XY-322:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230194	111-XY-358	111-XY-358:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230195	111-XY-359	111-XY-359:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230196	111-XY-362	111-XY-362:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230197	111-XY-363	111-XY-363:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230198	111-XY-364	111-XY-364:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230199	111-XY-365	111-XY-365:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230200	111-XY-366	111-XY-366:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230201	111-XY-369	111-XY-369:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230202	111-XY-370	111-XY-370:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230203	111-XY-371	111-XY-371:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230204	111-XY-372	111-XY-372:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230205	111-XY-390	111-XY-390:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230206	111-XY-391	111-XY-391:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230207	111-XY-405	111-XY-405:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230208	111-XY-412	111-XY-412:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 03 AREA-111	Steam Area	Zone 5
	330230209	111-XY-421	111-XY-421:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230210	111-XY-422	111-XY-422:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230211	111-XY-425	111-XY-425:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230212	111-XY-430	111-XY-430:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230213	111-XY-438	111-XY-438:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230214	111-XY-440	111-XY-440:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230215	111-XY-445	111-XY-445:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230216	111-XY-465	111-XY-465:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230217	111-XY-466	111-XY-466:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230218	111-XY-469	111-XY-469:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230219	111-XY-470	111-XY-470:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230220	111-XY-471	111-XY-471:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230221	111-XY-472	111-XY-472:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230222	111-XY-473	111-XY-473:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230223	111-XY-476	111-XY-476:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230224	111-XY-477	111-XY-477:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230225	111-XY-478	111-XY-478:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230226	111-XY-479	111-XY-479:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230227	111-XY-450	111-XY-450:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230228	111-XY-451	111-XY-451:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230229	111-XY-452	111-XY-452:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230230	111-XY-455	111-XY-455:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230231	111-XY-456	111-XY-456:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230232	111-XY-457	111-XY-457:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230233	111-XY-458	111-XY-458:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230234	111-XY-459	111-XY-459:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230235	111-XY-462	111-XY-462:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230236	111-XY-463	111-XY-463:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230237	111-XY-464	111-XY-464:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230238	111-XY-480	111-XY-480:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230239	111-XY-483	111-XY-483:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230240	111-XY-484	111-XY-484:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230241	111-XY-485	111-XY-485:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230242	111-XY-486	111-XY-486:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230243	111-XY-487	111-XY-487:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230244	111-XY-490	111-XY-490:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230245	111-XY-491	111-XY-491:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330230246	111-XY-921	111-XY-921:SOLENOID VALVE	D	INST-05	Valve Actuated	BOILER # 04 AREA-111	Steam Area	Zone 5
	330260520	120-PLV-728	120-PLV-728: Pressure control valve	C	INST-05	Valve Actuated	BELT PRESS PROCESS AREA-120		Zone 5
	330266782	110-FV-302	110-FV-302, FLOW CONTROL VALVE-110-K-003	C	INST-05	Valve Actuated	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330267538	110-PV-301	110-PV-301,INLET VALVE - 110-K-003	C	INST-05	Valve Actuated	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330278051	111-PV-058A	111-PV-058A:PRESSURE CONTROL VALVE	B	INST-05	Valve Actuated	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330278052	111-PV-058B	111-PV-058B:PRESSURE CONTROL VALVE	B	INST-05	Valve Actuated	STEAM SYSTEM AREA-111	Steam Area	Zone 5
	330278100	110-XV-008	110-XV-008:ON/OFF VALVE	C	INST-05	Valve Actuated	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330292370	117-PCV-141	117-PCV-141:PRESS. CONTROL VALVE, LUBE O	C	INST-05	Valve Actuated	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330317614	109-XV-278	109-XV-278:SOLENOID VALVE	D	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330362484	110-TCV-125	110-TCV-125: Temp. control valve	C	INST-05	Valve Actuated	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330362538	110-TCV-225	110-TCV-225: Temp. control valve	C	INST-05	Valve Actuated	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330362539	110-TCV-325	110-TCV-325: Temp. control valve	C	INST-05	Valve Actuated	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330362541	110-PCV-323	110-PCV-323:K-003 L/O press regltr valve	C	INST-05	Valve Actuated	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330443324	117-XV-181	117-XV-181:ON-OFF/SHUTOFF VALVE	C	INST-05	Valve Actuated	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	330443325	117-XV-186	117-XV-186:ON-OFF/SHUTOFF VALVE	C	INST-05	Valve Actuated	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	330443326	117-XV-161	117-XV-161:ON-OFF/SHUTOFF VALVE	D	INST-05	Valve Actuated	CHILLER WATER SYSTEM AREA-117	Cooling Water Area 2	Zone 5
	330455863	116-LCV-191	116-LCV-191 :CONTROL VALVE	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455888	116-XV-161	116-XV-161 :SHUT OFF VALVE, STM TO TURB	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455889	116-XV-181	SHUT OFF VALVE, TURB COND TO COLLECTION	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455890	116-XV-186	SHUT OFF VALVE, TURB COND TO COLLECTION	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455893	116-LCV-291	116-LCV-291 :CONTROL VALVE	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455894	116-PCV-241	116-PCV-241 :CONTROL VALVE	B	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455921	116-XV-261	116-XV-261 :SHUT OFF VALVE, STM TO TURB	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455922	116-XV-281	SHUT OFF VALVE, TURB COND TO COLLECTION	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455923	116-XV-286	SHUT OFF VALVE, TURB COND TO COLLECTION	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455966	115-XV-161	115-XV-161:SHUT OFF VALVE, STM TO TURB	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455969	115-PCV-241	115-PCV-241 :CONTROL VALVE	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455997	115-XV-261	115-XV-261:SHUT OFF VALVE, STM TO TURB	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455998	115-XV-281	SHUT OFF VALVE, TURB COND TO COLLECTION	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455999	115-XV-286	SHUT OFF VALVE, TURB COND TO COLLECTION	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330457091	109-TCV-944	109-TCV-944; EXPANDER LUBE OIL TEMPERATU	A	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330460786	110-XV-507	110-XV-507:ON-OFF VALVE	C	INST-05	Valve Actuated	COMPRESSED AIR SYSTEM AREA-110	Compressor Area	Zone 5
	330460987	115-FV-012	115-FV-012:FLOW CONTROL VALVE, SEA WATER	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330461407	106-XV-005	106-XV-005; ON-OFF VALVE	C	INST-05	Valve Actuated	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330461408	106-XV-007	106-XV-007; ON-OFF VALVE	C	INST-05	Valve Actuated	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5
	330461409	106-XV-008	106-XV-008; ON-OFF VALVE	C	INST-05	Valve Actuated	FUEL OIL SYSTEM AREA-106	Tankage Area	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330461410	113-FV-207	113-FV-207;Flow Control Valve	D	INST-05	Valve Actuated	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330461723	113-GV-001	113-GV-001: ON OFF VALVE	D	INST-05	Valve Actuated	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330461724	113-GV-002	113-GV-002: ON OFF VALVE	D	INST-05	Valve Actuated	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330484577	109-XV-283	109-XV-283: CAPACITY LOAD SOV CHILLER	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330484578	109-XV-284	109-XV-284: CAPACITY LOAD SOV CHILLER	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330484579	109-XV-285	109-XV-285: CAPACITY LOAD SOV CHILLER	C	INST-05	Valve Actuated	NITROGEN SYSTEM AREA-109	N2 Plant	Zone 5
	330511116	115-XV-287	115-XV-287	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330520932	120-AIT-1140	120-AIT-1140:ANALYZER TRANSMITTER	C	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330520946	120-AIT-1342	120-AIT-1342:ANALYZER TRANSMITTER	C	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330520948	120-AIT-1344	120-AIT-1344:ANALYZER TRANSMITTER	A	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330520966	120-FV-1140	120-FV-1140:VALVE CONTROL BUTTERFLY	D	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330520967	120-FV-1161	120-FV-1161:VALVE CONTROL BUTTERFLY	D	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330520968	120-FV-1162	120-FV-1162:VALVE CONTROL BUTTERFLY	D	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330520969	120-FV-1171	120-FV-1171:VALVE CONTROL BUTTERFLY	D	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330520970	120-FV-1251	120-FV-1251:VALVE CONTROL BUTTERFLY	D	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330520971	120-FV-1261	120-FV-1261:VALVE CONTROL BUTTERFLY	D	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330521001	120-PCV-1182	120-PCV-1182:PRESSURE REGULATOR VALVE	D	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330521094	120-PV-1182	120-PV-1182:VALVE CONTROL BALL	C	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330521114	120-XV-1002	120-XV-1002:VALVE ON-OFF BUTTERFLY	D	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330521115	120-XV-1231	120-XV-1231:VALVE ON-OFF BUTTERFLY	D	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330521116	120-XV-1309	120-XV-1309:VALVE ON-OFF BUTTERFLY	D	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330521117	120-XV-1319	120-XV-1319:VALVE ON-OFF BUTTERFLY	D	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330521118	120-XV-1331	120-XV-1331:VALVE ON-OFF BUTTERFLY	D	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330521119	120-XV-1451	120-XV-1451:VALVE ON-OFF BUTTERFLY	D	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330521120	120-XV-1623	120-XV-1623:VALVE ON-OFF BALL	D	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330524910	TF2-FCV-2201	TF2-FCV-2201:GLOBE TYPE CONTROL VALVE	D	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330524911	TF2-FCV-2202	TF2-FCV-2202:GLOBE TYPE CONTROL VALVE	D	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330524992	0100-FV-0006	0100-FV-0006:GLOBE TYPE CONTROL VALVE	C	INST-05	Valve Actuated	PIPING SYSTEM	Acetic Acid Plant	Zone 5
	330524995	V84-FV-1121	V84-FV-1121:GLOBE TYPE CONTROL VALVE	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330524996	V84-FV-1122	V84-FV-1122:GLOBE TYPE CONTROL VALVE	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525014	000-PCV-5042	000-PCV-5042:PRESSURE REGULATOR	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525015	000-PCV-5043	000-PCV-5043:PRESSURE REGULATOR	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525016	TF2-PCV-2203	TF2-PCV-2203:PRESSURE REGULATOR	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525017	TF2-PCV-2205	TF2-PCV-2205:PRESSURE REGULATOR	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525018	TF2-PCV-2204	TF2-PCV-2204:PRESSURE REGULATOR	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525019	TF2-PCV-2201A	TF2-PCV-2201A:GLOBE TYPE CONTROL VALVE	D	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525020	TF2-PCV-2201B	TF2-PCV-2201B:GLOBE TYPE CONTROL VALVE	D	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525021	TF2-PCV-2201C	TF2-PCV-2201C:ECCENTRIC TYPE CONTROL VAL	D	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525022	TF2-PCV-2202A	TF2-PCV-2202A:GLOBE TYPE CONTROL VALVE	D	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525023	TF2-PCV-2202B	TF2-PCV-2202B:GLOBE TYPE CONTROL VALVE	D	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525024	TF2-PCV-2202C	TF2-PCV-2202C:ECCENTRIC TYPE CONTROL VAL	D	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525026	TF2-PCV-2206	TF2-PCV-2206:PRESSURE REGULATOR	A	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525027	TF2-PCV-2207	TF2-PCV-2207:PRESSURE REGULATOR	A	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525028	TF2-PCV-2208	TF2-PCV-2208:PRESSURE REGULATOR	A	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525136	107-PV-017A	107-PV-017A:GLOBE TYPE CONTROL VALVE	B	MECH-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330525137	107-PV-5014	107-PV-5014:GLOBE TYPE CONTROL VALVE	D	MECH-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330525301	TF2-XV-2203	TF2-XV-2203:BALL TYPE ON-OFF VALVE	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525302	TF2-XV-2209	TF2-XV-2209:BALL TYPE ON-OFF VALVE	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525303	TF2-XV-2210	TF2-XV-2210:BALL TYPE ON-OFF VALVE	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525312	72-XV-141	72-XV-141:BUTTERFLY TYPE CONTROL VALVE	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525313	TF2-XV-2201	TF2-XV-2201:BUTTERFLY TYPE CONTROL VALVE	D	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525314	TF2-XV-2202	TF2-XV-2202:BUTTERFLY TYPE CONTROL VALVE	D	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330525354	112-FV-501	112-FV-501:112-D-004 BUTTERFLY CONTROL V	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525355	112-FV-601	112-FV-601:112-D-005 BUTTERFLY CONTROL V	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330525356	112-PV-423	112-PV-423:PRESSURE REDUCING VALVE(MIX B	D	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330529459	115-XV-201	115-XV-201:SHUT OFF VALVE, TURBINE OPER	A	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330529460	116-XV-101	116-XV-101 :SOV FOR TURBINE TRIP	A	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330529461	116-XV-201	116-XV-201 :SOV FOR TURBINE TRIP	A	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330529462	117-XV-101	117-XV-101:SOV FOR TURBINE TRIP	A	INST-05	Valve Actuated	PIPING SYSTEM	Cooling Water Area 2	Zone 5
	330531985	120-LV-1542	120-LV-1542:INSTRUMENT-CONTROL VALVES	C	INST-03	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330531990	120-LV-1510	120-LV-1510:INSTRUMENT-CONTROL VALVES	C	INST-03	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330532001	120-PCV-1212	120-PCV-1212:PRESSURE REGULATOR VALVE	C	INST-03	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330532005	120-PCV-1241	120-PCV-1241:PRESSURE REGULATOR VALVE	C	INST-03	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330532027	120-PCV-1471	120-PCV-1471:PRESSURE REGULATOR VALVE	B	INST-03	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330532029	120-PCV-1661	120-PCV-1661:PRESSURE REGULATOR VALVE	D	INST-03	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330532030	120-PCV-1211	120-PCV-1211:PRESSURE REGULATOR VALVE	C	INST-03	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330532032	120-PCV-1221	120-PCV-1221:PRESSURE REGULATOR VALVE	C	INST-03	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330532036	120-PCV-1631	120-PCV-1631:PRESSURE REGULATOR VALVE	D	INST-03	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330532045	120-TV-1541	120-TV-1541:INSTRUMENT-CONTROL VALVES	C	INST-03	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330533159	V84-XV-2831	V84-XV-2831: BALL TYPE MANUAL VALVE	A	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330533162	V84-XV-2758	V84-XV-2758: BUTTRFLAY TYPE MANUAL VALVE	A	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330533163	V84-XV-2759	V84-XV-2759: BUTTRFLAY TYPE MANUAL VALVE	A	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330533174	112-XV-501	112-XV-501: 112-D-004 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533175	112-XV-502	112-XV-502: 112-D-004 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533176	112-XV-514	112-XV-514: 112-D-004 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533177	112-XV-513	112-XV-513: 112-D-004 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533178	112-XV-503	112-XV-503: 112-D-004 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533179	112-XV-508	112-XV-508: 112-D-004 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533180	112-XV-512	112-XV-512: 112-D-004 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533181	112-XV-509	112-XV-509: 112-D-004 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533182	112-XV-504	112-XV-504: 112-D-004 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533183	112-XV-511	112-XV-511: 112-D-004 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533184	112-XV-505	112-XV-505: 112-D-004 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533185	112-XV-510	112-XV-510: 112-D-004 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533186	112-XV-601	112-XV-601: 112-D-005 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533187	112-XV-602	112-XV-602: 112-D-005 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533188	112-XV-614	112-XV-614: 112-D-005 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533189	112-XV-613	112-XV-613: 112-D-005 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533190	112-XV-603	112-XV-603: 112-D-005 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533191	112-XV-608	112-XV-608: 112-D-005 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533192	112-XV-612	112-XV-612: 112-D-005 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533193	112-XV-609	112-XV-609: 112-D-005 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533194	112-XV-604	112-XV-604: 112-D-005 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533195	112-XV-611	112-XV-611: 112-D-005 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533196	112-XV-605	112-XV-605: 112-D-005 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533197	112-XV-610	112-XV-610: 112-D-005 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533198	112-XV-114	112-XV-114: 112-D-001 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533199	112-XV-113	112-XV-113: 112-D-001 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533200	112-XV-214	112-XV-214: 112-D-002 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533201	112-XV-213	112-XV-213: 112-D-002 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533202	112-XV-314	112-XV-314: 112-D-003 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533203	112-XV-313	112-XV-313: 112-D-003 Auto Butterfly Val	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330533208	TF2-MOV-2204	TF2-MOV-2204: MOTOR OPERATED VALVE (ON-O	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330533209	TF2-MOV-2205	TF2-MOV-2205: MOTOR OPERATED VALVE (ON-O	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330533210	TF2-MOV-2206	TF2-MOV-2206: MOTOR OPERATED VALVE (ON-O	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330533211	TF2-MOV-2207	TF2-MOV-2207: MOTOR OPERATED VALVE (ON-O	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330533212	TF2-MOV-2208	TF2-MOV-2208: MOTOR OPERATED VALVE (ON-O	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330533214	V84-MOV-2756	V84-MOV-2756: MOTOR OPERATED VALVE (ON-O	A	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330533215	V84-MOV-2757	V84-MOV-2757: MOTOR OPERATED VALVE (ON-O	A	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330533457	V84-ZV-2830	V84-ZV-2830: BUTTRFLAY TYPE EMERGENCY IS	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330533465	V84-ZV-2754	V84-ZV-2754: BUTTRFLAY TYPE EMERGENCY IS	C	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330533466	V84-ZV-2755	V84-ZV-2755: BUTTRFLAY TYPE EMERGENCY IS	B	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330533759	V84-FCV-1141	V84-FCV-1141: Flow Control Valve (Ball)	A	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330533760	V84-FCV-1142	V84-FCV-1142: Flow Control Valve (Ball)	A	INST-05	Valve Actuated	PIPING SYSTEM		Zone 5
	330533829	113-LV-5011	113-LV-5011: BUTTERFLY TYPE CONTROL VALV	C	INST-05	Valve Actuated	PIPING SYSTEM	Process Water Area	Zone 5
	330536393	120-XV-1001	120-XV-1001:VALVE ON-OFF BUTTERFLY	C	INST-05	Valve Actuated	AEROBIC TREATMENT AREA-120		Zone 5
	330536481	112-FV-003	112-FV-003:GLOBE TYPE CONTROL VALVE	C	INST-05	Valve Actuated	DEMINERALIZATION PLANT AREA-112	Deaminraize Area	Zone 5
	330537027	113-LV-001	113-LV-001:BUTTERFLY TYPE CONTROL VALVE	C	INST-05	Valve Actuated	PROCESS WATER SYSTEM AREA-113	Process Water Area	Zone 5
	330537808	116-PCV-131	116-PCV-131 :PRESSURE CONTROL VALVE	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330537809	116-PCV-132	116-PCV-132 :PRESSURE CONTROL VALVE	C	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330565074	111-FV-100A	111-FV-100A:FLOW CONTROL VALVE (SPARE)	C	INST-05	Valve Actuated	BOILER # 01 AREA-111	Steam Area	Zone 5
	330567053	117-PCV-131	117-PCV-131:PRESS. CONTROL VALVE, LUBE O	D	INST-05	Valve Actuated	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330600191	115-CV-103	BY-PASS LINE GOVERNOR CONTROL VALVE	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330600192	115-CV-203	BY-PASS LINE GOVERNOR CONTROL VALVE	D	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330600193	116-CV-103	BY-PASS LINE GOVERNOR CONTROL VALVE	D	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330600194	116-CV-203	BY-PASS LINE GOVERNOR CONTROL VALVE	D	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330600195	117-CV-103	BY-PASS LINE GOVERNOR CONTROL VALVE	D	INST-05	Valve Actuated	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5
	330614030	115-MV-104A	115-MV-104A:TURBINE GOVERNOR ACTUATOR	B	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330614031	115-MV-204A	115-MV-204A:TURBINE GOVERNOR ACTUATOR	B	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330614032	116-MV-104A	116-MV-104A:TURBINE GOVERNOR ACTUATOR	B	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330614033	116-MV-204A	116-MV-204A:TURBINE GOVERNOR ACTUATOR	B	INST-05	Valve Actuated	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330614034	117-MV-104A	117-MV-104A:TURBINE GOVERNOR ACTUATOR	B	INST-05	Valve Actuated	CHILLER WATER CIRC. PUMP AREA-117	Cooling Water Area 2	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330689583	119-GV-002	119-GV-002: TURBINE GOVERNOR On/OFF Val	A	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330689584	119-GV-004	119-GV-004: TURBINE GOVERNOR On/OFF Val	A	INST-05	Valve Actuated	FLARE SYSTEM AREA-119		Zone 5
	330699147	116-KV-5201	116-KV-5201: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699148	116-KV-5202	116-KV-5202: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699149	116-KV-5203	116-KV-5203: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699150	116-KV-5204	116-KV-5204: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699151	116-KV-5205	116-KV-5205: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699152	116-KV-5206	116-KV-5206: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699153	116-KV-5207	116-KV-5207: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699154	116-KV-5208	116-KV-5208: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699155	116-KV-5209	116-KV-5209: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699156	116-KV-5210	116-KV-5210: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699157	116-KV-5211	116-KV-5211: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699158	116-KV-5212	116-KV-5212: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699159	116-KV-5213	116-KV-5213: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699160	116-KV-5214	116-KV-5214: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699161	116-KV-5215	116-KV-5215: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699162	116-KV-5216	116-KV-5216: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699163	116-KV-5217	116-KV-5217: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699164	116-KV-5218	116-KV-5218: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699165	116-KV-5219	116-KV-5219: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699166	116-KV-5220	116-KV-5220: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699167	116-KV-5221	116-KV-5221: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699168	116-KV-5222	116-KV-5222: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699169	116-KV-5223	116-KV-5223: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699170	116-KV-5224	116-KV-5224: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699171	116-KV-5225	116-KV-5225: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330699172	116-KV-5226	116-KV-5226: Plate Heat Exchanger On-OFF	C	INST-05	Valve Actuated	COOLING WATER SYSTEM AREA-116	Cooling Water Area	Zone 5
	330704933	130-MOV-007	130-MOV-007:SEA WATER RETURN ELECTRICAL	B	INST-05	Valve Actuated	SEA WATER SYSTEM AREA-115		Zone 5
	330780339	117-FV-5011	FLOW CONTROL VALVE, SEA WATER TO RC	C	INST-05	Valve Actuated	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330780344	120-SOV-1661	120-SOV-1661: Solenoid operated valve	E	INST-05	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330780345	120-SOV-1471	120-SOV-1471: Solenoid operated valve	E	INST-05	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330780346	120-SOV-1531	120-SOV-1531: Solenoid operated valve	E	INST-05	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330780347	120-SOV-1532	120-SOV-1532 : Solenoid operated valve	E	INST-05	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330780348	120-SOV-1561	120-SOV-1561 : Solenoid operated valve	E	INST-05	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
	330780349	120-SOV-1562	120-SOV-1562 : Solenoid operated valve	E	INST-05	Valve Actuated	PRETREATMENT AREA AREA-120		Zone 5
VIBRATION DEVICE									
44	330190672	109-VE-510A	109-VE-510A:VIBRATION ELEMENT	C	INST-05	Vibration Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190673	109-VE-510B	109-VE-510B:VIBRATION ELEMENT	C	INST-05	Vibration Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190674	109-VE-510C	109-VE-510C:VIBRATION ELEMENT	C	INST-05	Vibration Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190675	109-VE-510D	109-VE-510D:VIBRATION ELEMENT	C	INST-05	Vibration Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190680	109-VT-510A	109-VT-510A:VIBRATION TRANSMITTER	C	INST-05	Vibration Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190681	109-VT-510B	109-VT-510B:VIBRATION TRANSMITTER	C	INST-05	Vibration Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190682	109-VT-510C	109-VT-510C:VIBRATION TRANSMITTER	C	INST-05	Vibration Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330190683	109-VT-510D	109-VT-510D:VIBRATION TRANSMITTER	C	INST-05	Vibration Device	COMPRESSOR AREA AREA-109	N2 Plant	Zone 5
	330191411	110-YE-101	110-YE-101:VIBRATION ELEMENT	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191412	110-YE-102	110-YE-102:VIBRATION ELEMENT	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191413	110-YE-103	110-YE-103:VIBRATION ELEMENT	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191414	110-YE-104A	110-YE-104A:VIBRATION ELEMENT	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191415	110-YE-104B	110-YE-104B:VIBRATION ELEMENT	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191416	110-YE-105A	110-YE-105A:VIBRATION ELEMENT	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191417	110-YE-105B	110-YE-105B:VIBRATION ELEMENT	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191418	110-YE-201	110-YE-201:VIBRATION ELEMENT	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191419	110-YE-202	110-YE-202:VIBRATION ELEMENT	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191420	110-YE-203	110-YE-203:VIBRATION ELEMENT	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191421	110-YI-101	110-YI-101:VIBRATION PROBE, AIR COMP. 1	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191422	110-YI-102	110-YI-102:VIBRATION PROBE, AIR COMP. 1	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191423	110-YI-103	110-YI-103:VIBRATION PROBE, AIR COMP. 1	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191424	110-YI-104A	110-YI-104A:VIB. PROBE, AIR COMPRESSOR 1	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191425	110-YI-104B	110-YI-104B:VIB. PROBE, AIR COMPRESSOR 1	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191426	110-YI-105A	110-YI-105A:VIB. PROBE, AIR COMPRESSOR 1	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191427	110-YI-105B	110-YI-105B:VIB. PROBE, AIR COMPRESSOR 1	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191428	110-YI-201	110-YI-201:VIBRATION PROBE, AIR COMP. 2	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191429	110-YI-202	110-YI-202:VIBRATION PROBE, AIR COMP. 2	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191430	110-YI-203	110-YI-203:VIBRATION PROBE, AIR COMP. 2	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191431	110-YI-204	110-YI-204:VIB. PROBE, AIR COMPRESSOR 2	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191432	110-YI-205	110-YI-205:VIB. PROBE, AIR COMPRESSOR 2	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191433	110-YI-301	110-YI-301:VIBRATION PROBE, AIR COMP. 3	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191434	110-YI-302	110-YI-302:VIBRATION PROBE, AIR COMP. 3	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191435	110-YI-303	110-YI-303:VIBRATION PROBE, AIR COMP. 3	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191436	110-YI-304	110-YI-304:VIB. PROBE, AIR COMPRESSOR 3	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191437	110-YI-305	110-YI-305:VIB. PROBE, AIR COMPRESSOR 3	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191438	110-YT-101	110-YT-101:VIBRATION TRANSMITTER	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191439	110-YT-102	110-YT-102:VIBRATION TRANSMITTER	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191440	110-YT-103	110-YT-103:VIBRATION TRANSMITTER	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191441	110-YT-104A	110-YT-104A:VIBRATION TRANSMITTER	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191442	110-YT-104B	110-YT-104B:VIBRATION TRANSMITTER	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191443	110-YT-105A	110-YT-105A:VIBRATION TRANSMITTER	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191444	110-YT-105B	110-YT-105B:VIBRATION TRANSMITTER	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191445	110-YT-201	110-YT-201:VIBRATION TRANSMITTER	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191446	110-YT-202	110-YT-202:VIBRATION TRANSMITTER	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191447	110-YT-203	110-YT-203:VIBRATION TRANSMITTER	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191448	110-YT-204	110-YT-204:VIBRATION TRANSMITTER	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330191449	110-YT-205	110-YT-205:VIBRATION TRANSMITTER	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330192285	111-VSH-020	111-VSH-020:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192286	111-VSH-021	111-VSH-021:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192288	111-VSH-022	111-VSH-022:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192290	111-VSH-023	111-VSH-023:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192291	111-VSH-024	111-VSH-024:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192292	111-VSH-036	111-VSH-036:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192295	111-VSH-037	111-VSH-037:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192298	111-VSH-038	111-VSH-038:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192301	111-VSH-039	111-VSH-039:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192302	111-VSH-040	111-VSH-040:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192303	111-VSH-041	111-VSH-041:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192304	111-VSH-042	111-VSH-042:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192306	111-VSH-043	111-VSH-043:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192316	111-VSH-025	111-VSH-025:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192319	111-VSH-026	111-VSH-026:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192322	111-VSH-027	111-VSH-027:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192326	111-VSH-028	111-VSH-028:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192329	111-VSH-029	111-VSH-029:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192332	111-VSH-030	111-VSH-030:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192335	111-VSH-031	111-VSH-031:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192338	111-VSH-032	111-VSH-032:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192341	111-VSH-033	111-VSH-033:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192343	111-VSH-034	111-VSH-034:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330192346	111-VSH-035	111-VSH-035:VIBRATION SWITCH HIGH	B	INST-05	Vibration Device	STEAM CONDENSATE SYSTEM AREA-111	Steam Area	Zone 5
	330193750	117-VXE-100	117-VXE-100:VIBRATION ELEMENT, DGS LKG G	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193753	117-VXE-206	117-VXE-206:VIBRATION ELEMENT, LUBE OIL	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193754	117-VXE-207	117-VXE-207:VIBRATION ELEMENT, TURBINE S	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193763	117-VXT-102	117-VXT-102:VIBRATION XMITTER, HIGH SPEE	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193764	117-VXT-103	117-VXT-103:VIBRATION XMITTER, LOW SPEED	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193765	117-VXT-104	117-VXT-104:VIBRATION XMITTER, LOW SPEED	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193766	117-VXT-105	117-VXT-105:VIBRATION TRANSMITTER, COMPR	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193767	117-VXT-106	117-VXT-106:VIBRATION TRANSMITTER, COMPR	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193768	117-VXT-107	117-VXT-107:VIB. XMTR, TURBINE SHAFT (X-	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193769	117-VXT-200	117-VXT-200:VIB. XMTR, TURBINE SHAFT (X-	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193770	117-VXT-201	117-VXT-201:VIBRATION XMITTER, HIGH SPEE	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193771	117-VXT-202	117-VXT-202:VIBRATION XMITTER, HIGH SPEE	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193772	117-VXT-203	117-VXT-203:VIBRATION XMITTER, LOW SPEED	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193810	117-VXE-107	117-VXE-107:VIBRATION ELEMENT	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193811	117-VXE-200	117-VXE-200:VIBRATION ELEMENT	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193816	117-VXE-205	117-VXE-205:VIBRATION ELEMENT, LUBE OIL	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193825	117-VXT-100	117-VXT-100:VIB. XMTR, TURBINE SHAFT (X-	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193826	117-VXT-101	117-VXT-101:VIBRATION XMITTER, HIGH SPEE	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193827	117-VXT-204	117-VXT-204:VIBRATION XMITTER, LOW SPEED	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193828	117-VXT-205	117-VXT-205:VIBRATION TRANSMITTER, COMPR	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193829	117-VXT-206	117-VXT-206:VIBRATION TRANSMITTER, COMPR	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193830	117-VXT-207	117-VXT-207:VIB. XMTR, TURBINE SHAFT (X-	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193831	117-VYE-100	117-VYE-100:VIBRATION ELMNT, TURBINE SHA	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	330193832	117-VYE-101	117-VYE-101:VIBRATION ELEMENT, HIGH SPEE	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193833	117-VYE-102	117-VYE-102:VIBRATION ELEMENT, HIGH SPEE	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193834	117-VYE-103	117-VYE-103:VIBRATION ELEMENT, LOW SPEED	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193835	117-VYE-104	117-VYE-104:VIBRATION ELEMENT, LOW SPEED	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193836	117-VYE-105	117-VYE-105:VIBRATION ELEMENT, COMPRESSO	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193847	117-VYE-106	117-VYE-106:VIBRATION ELEMENT, COMPRESSO	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193848	117-VYE-107	117-VYE-107:VIBRATION ELMNT, TURBINE SHA	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193849	117-VYE-200	117-VYE-200:VIBRATION ELMNT, TURBINE SHA	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193850	117-VYE-201	117-VYE-201:VIBRATION ELEMENT, HIGH SPEE	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193851	117-VYE-202	117-VYE-202:VIBRATION ELEMENT, HIGH SPEE	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193852	117-VYE-203	117-VYE-203:VIBRATION ELEMENT, LOW SPEED	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193853	117-VYE-204	117-VYE-204:VIBRATION ELEMENT, LOW SPEED	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193854	117-VYE-205	117-VYE-205:VIBRATION ELEMENT, COMPRESSO	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193855	117-VYE-206	117-VYE-206:VIBRATION ELEMENT, COMPRESSO	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193856	117-VYE-207	117-VYE-207:VIBRATION ELMNT, TURBINE SHA	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193863	117-VYT-100	117-VYT-100:VIB. XMTR, TURBINE SHAFT (Y-	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193864	117-VYT-101	117-VYT-101:VIBRATION XMITTER, HIGH SPEE	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193865	117-VYT-102	117-VYT-102:VIBRATION XMITTER, HIGH SPEE	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193866	117-VYT-103	117-VYT-103:VIBRATION XMITTER, LOW SPEED	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193867	117-VYT-206	117-VYT-206:VIBRATION TRANSMITTER, COMPR	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193868	117-VYT-207	117-VYT-207:VIB. XMTR, TURBINE SHAFT (Y-	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193917	117-VYT-104	117-VYT-104:VIBRATION XMITTER, LOW SPEED	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193918	117-VYT-105	117-VYT-105:VIBRATION TRANSMITTER, COMPR	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193919	117-VYT-106	117-VYT-106:VIBRATION TRANSMITTER, COMPR	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193920	117-VYT-107	117-VYT-107:VIB. XMTR, TURBINE SHAFT (Y-	D	INST-05	Vibration Device	CHILLER A AREA117	Cooling Water Area 2	Zone 5
	330193921	117-VYT-200	117-VYT-200:VIB. XMTR, TURBINE SHAFT (Y-	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193922	117-VYT-201	117-VYT-201:VIBRATION XMITTER, HIGH SPEE	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193923	117-VYT-202	117-VYT-202:VIBRATION XMITTER, HIGH SPEE	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193924	117-VYT-203	117-VYT-203:VIBRATION XMITTER, LOW SPEED	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193925	117-VYT-204	117-VYT-204:VIBRATION XMITTER, LOW SPEED	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330193926	117-VYT-205	117-VYT-205:VIBRATION TRANSMITTER, COMPR	D	INST-05	Vibration Device	CHILLER B AREA117	Cooling Water Area 2	Zone 5
	330228350	115-KE-100	115-KE-100:KEY PHASOR TRANSMITTER	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228351	115-KT-100	115-KT-100:KEY PHASOR TRANSMITTER	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228389	115-VXE-103	115-VXE-103:VIBRATION ELEMENT	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228390	115-VXE-105	115-VXE-105:VIBRATION ELEMENT	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228391	115-VXT-103	115-VXT-103:VIBRATION TRANSMITTER	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228392	115-VXT-105	115-VXT-105:VIBRATION TRANSMITTER	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228393	115-VYE-106	115-VYE-106:VIBRATION ELEMENT	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228394	115-VYT-106	115-VYT-106:VIBRATION TRANSMITTER	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228399	115-XYE-104	115-XYE-104:RADIAL VIBRATION TRANSMITTER	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228428	115-XYT-104	115-XYT-104:VIBRATION TRANSMITTER, RADIA	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228429	115-ZE-101	115-ZE-101:TURBINE AXIAL DISPLACEMENT TR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228430	115-ZE-102	115-ZE-102:TURBINE AXIAL DISPLACEMENT TR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228431	115-ZS-101	115-ZS-101:POSITION DISPLACEMENT SWITCH	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228432	115-ZT-101	115-ZT-101:DISPLACEMENT TRANSMITTER, TUR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330228433	115-ZT-102	115-ZT-102:DISPLACEMENT TRANSMITTER, TUR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330278064	110-YE/YT-301	110-YE/YT-301:VIBRATION PROBES / TX	C	INST-05	Vibration Device	COMPRESSORS AREA AREA-110	Compressor Area	Zone 5
	330455874	116-VXE-101	116-VXE-101 :VIBRATION ELEMENT	C	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455875	116-VXE-102	116-VXE-102 :VIBRATION ELEMENT	C	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455876	116-VXE-103	116-VXE-103 :VIBRATION ELEMENT	C	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455877	116-VXE-104	116-VXE-104 :VIBRATION ELEMENT	C	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455878	116-VXE-105	116-VXE-105 :VIBRATION ELEMENT	C	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455879	116-VXE-106	116-VXE-106 :VIBRATION ELEMENT	C	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455880	116-VXI-103	116-VXI-103 :VIBRATION MONITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455881	116-VXI-104	116-VXI-104 :VIBRATION MONITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455882	116-VXI-105	116-VXI-105 :VIBRATION MONITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455883	116-VXI-106	116-VXI-106 :VIBRATION MONITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455884	116-VYI-103	116-VYI-103 :VIBRATION MONITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455885	116-VYI-104	116-VYI-104 :VIBRATION MONITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455886	116-VYI-105	116-VYI-105 :VIBRATION MONITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455887	116-VYI-106	116-VYI-106 :VIBRATION MONITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455891	116-ZXT-101	116-ZXT-101 :VIBRATION PROXIMITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455892	116-ZXT-102	116-ZXT-102 :VIBRATION PROXIMITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455907	116-VXE-201	116-VXE-201 :VIBRATION ELEMENT	C	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455908	116-VXE-202	116-VXE-202 :VIBRATION ELEMENT	C	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455909	116-VXE-203	116-VXE-203 :VIBRATION ELEMENT	C	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455910	116-VXE-204	116-VXE-204 :VIBRATION ELEMENT	C	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455911	116-VXE-205	116-VXE-205 :VIBRATION ELEMENT	C	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455912	116-VXE-206	116-VXE-206 :VIBRATION ELEMENT	C	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455913	116-VXI-203	116-VXI-203 :VIBRATION MONITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455914	116-VXI-204	116-VXI-204 :VIBRATION MONITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455915	116-VXI-205	116-VXI-205 :VIBRATION MONITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455916	116-VXI-206	116-VXI-206 :VIBRATION MONITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455917	116-VYI-203	116-VYI-203 :VIBRATION MONITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455918	116-VYI-204	116-VYI-204 :VIBRATION MONITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455919	116-VYI-205	116-VYI-205 :VIBRATION MONITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455920	116-VYI-206	116-VYI-206 :VIBRATION MONITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455924	116-ZXT-201	116-ZXT-201 :VIBRATION PROXIMITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455925	116-ZXT-202	116-ZXT-202 :VIBRATION PROXIMITOR	D	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455930	116-VXE-301	116-VXE-301 :VIBRATION ELEMENT	C	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455931	116-VXE-302	116-VXE-302 :VIBRATION ELEMENT	C	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455932	116-VXE-303	116-VXE-303 :VIBRATION ELEMENT	C	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455933	116-VXE-304	116-VXE-304 :VIBRATION ELEMENT	C	INST-05	Vibration Device	PLATE HEAT EXCHANGER AREA116	Cooling Water Area	Zone 5
	330455954	115-VXE-101	115-VXE-101 :VIBRATION ELEMENT	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455955	115-VXE-102	115-VXE-102 :VIBRATION ELEMENT	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455956	115-VXE-104	115-VXE-104 :VIBRATION ELEMENT	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455957	115-VXE-106	115-VXE-106 :VIBRATION ELEMENT	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455958	115-VXI-103	115-VXI-103 :VIBRATION MONITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455959	115-VXI-104	115-VXI-104 :VIBRATION MONITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455960	115-VXI-105	115-VXI-105 :VIBRATION MONITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455961	115-VXI-106	115-VXI-106 :VIBRATION MONITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455962	115-VYI-103	115-VYI-103 :VIBRATION MONITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455963	115-VYI-104	115-VYI-104 :VIBRATION MONITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455964	115-VYI-105	115-VYI-105 :VIBRATION MONITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455965	115-VYI-106	115-VYI-106 :VIBRATION MONITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455967	115-ZXT-101	115-ZXT-101 :VIBRATION PROXIMITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455968	115-ZXT-102	115-ZXT-102 :VIBRATION PROXIMITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455983	115-VXE-201	115-VXE-201 :VIBRATION ELEMENT	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455984	115-VXE-202	115-VXE-202 :VIBRATION ELEMENT	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455985	115-VXE-203	115-VXE-203 :VIBRATION ELEMENT	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455986	115-VXE-204	115-VXE-204 :VIBRATION ELEMENT	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455987	115-VXE-205	115-VXE-205 :VIBRATION ELEMENT	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455988	115-VXE-206	115-VXE-206 :VIBRATION ELEMENT	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455989	115-VXI-203	115-VXI-203 :VIBRATION MONITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455990	115-VXI-204	115-VXI-204 :VIBRATION MONITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455991	115-VXI-205	115-VXI-205 :[VIBRATION MONITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455992	115-VXI-206	115-VXI-206 :VIBRATION MONITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455993	115-VYI-203	115-VYI-203 :VIBRATION MONITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455994	115-VYI-204	115-VYI-204 :VIBRATION MONITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455995	115-VYI-205	115-VYI-205 :VIBRATION MONITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330455996	115-VYI-206	115-VYI-206 :VIBRATION MONITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330456000	115-ZXT-201	115-ZXT-201 :VIBRATION PROXIMITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330456001	115-ZXT-202	115-ZXT-202 :VIBRATION PROXIMITOR	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330456006	115-VXE-301	115-VXE-301 :VIBRATION ELEMENT	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330456007	115-VXE-302	115-VXE-302 :VIBRATION ELEMENT	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330456008	115-VXE-303	115-VXE-303 :VIBRATION ELEMENT	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
	330456009	115-VXE-304	115-VXE-304 :VIBRATION ELEMENT	D	INST-05	Vibration Device	SEA WATER SYSTEM AREA-115	Sea Water Area	Zone 5
VIRTUAL ASSESTS									
45	310641611	IR-UTY-II-C.L7-C32	Potable Water Piping Circuit 1	B	MECH-05	VIRTUAL ASSETS	POTABLE WATER AREA-114		Zone 5
	310641612	IR-UTY-II-C.L7-C33	Potable Water Piping Circuit 2	B	MECH-05	VIRTUAL ASSETS	POTABLE WATER AREA-114		Zone 5
	310641613	IR-UTY-II-C.L7-C34	Potable Water Piping Circuit 3	B	MECH-05	VIRTUAL ASSETS	POTABLE WATER AREA-114		Zone 5
	310641614	IR-UTY-II-C.L7-C35	Potable Water Piping Circuit 4	B	MECH-05	VIRTUAL ASSETS	POTABLE WATER AREA-114		Zone 5
	310641647	IR-UTY-II-C.L16-C67	Fire Water Piping Circuit 1	A	MECH-05	VIRTUAL ASSETS	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310641648	IR-UTY-II-C.L16-C68	Fire Water Piping Circuit 2	A	MECH-05	VIRTUAL ASSETS	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310641649	IR-UTY-II-C.L16-C69	Fire Water Piping Circuit 3	A	MECH-05	VIRTUAL ASSETS	FIRE FIGHTING SYSTEM AREA-118		Zone 5
	310720086	IR-ETP-III-C.L17-C92	Fire Water Piping Circuit 1	A	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720087	IR-ETP-III-C.L17-C93	Fire Water PC 2(Non Metallic/RBI)	A	MECH-05	VIRTUAL ASSETS	PRETREATMENT AREA AREA-120		Zone 5
	310641584	IR-UTY-II-C.L1-C1	Sea water Piping Circuit 1	B	MECH-05	VIRTUAL ASSETS	SEA WATER SYSTEM AREA-115		Zone 5
	310641585	IR-UTY-II-C.L1-C2	Sea water Piping Circuit 2	B	MECH-05	VIRTUAL ASSETS	CHILLER A AREA117		Zone 5
	310641586	IR-UTY-II-C.L2-C3	Cooling water Piping Circuit 1	B	MECH-05	VIRTUAL ASSETS	PLATE HEAT EXCHANGER AREA116		Zone 5
	310641587	IR-UTY-II-C.L2-C4	Cooling water Piping Circuit 2	B	MECH-05	VIRTUAL ASSETS	COOLING WATER CIRC. PUMP AREA-116		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310641588	IR-UTY-II-C.L2-C5	Cooling water Piping Circuit 3	B	MECH-05	VIRTUAL ASSETS	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310641589	IR-UTY-II-C.L3-C6	Chilled Water Piping Circuit 1	B	MECH-05	VIRTUAL ASSETS	CHILLER B AREA117		Zone 5
	310641590	IR-UTY-II-C.L3-C7	Chilled Water Piping Circuit 2	B	MECH-05	VIRTUAL ASSETS	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310641591	IR-UTY-II-C.L3-C8	Chilled Water Piping Circuit 3	B	MECH-05	VIRTUAL ASSETS	CHILLER WATER CIRC. PUMP AREA-117		Zone 5
	310641592	IR-UTY-II-C.L3-C9	Chilled Water Piping Circuit 4	B	MECH-05	VIRTUAL ASSETS	CHILLER B AREA117		Zone 5
	310641593	IR-UTY-II-C.L4-C10	Steam Piping Circuit 1	B	MECH-05	VIRTUAL ASSETS	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310641594	IR-UTY-II-C.L4-C11	Steam Piping Circuit 2	B	MECH-05	VIRTUAL ASSETS	LED DOWN STATION SYSTEM AREA-111		Zone 5
	310641595	IR-UTY-II-C.L4-C12	Steam Piping Circuit 3	B	MECH-05	VIRTUAL ASSETS	STEAM SYSTEM AREA-111		Zone 5
	310641596	IR-UTY-II-C.L4-C13	Steam Piping Circuit 4	B	MECH-05	VIRTUAL ASSETS	CHILLER B AREA117		Zone 5
	310641597	IR-UTY-II-C.L4-C14	Steam Piping Circuit 5	B	MECH-05	VIRTUAL ASSETS	BOILER # 01 AREA-111		Zone 5
	310641598	IR-UTY-II-C.L4-C15	Steam Piping Circuit 6	B	MECH-05	VIRTUAL ASSETS	BOILER # 01 AREA-111		Zone 5
	310641599	IR-UTY-II-C.L4-C16	Steam Piping Circuit 7	B	MECH-05	VIRTUAL ASSETS	STEAM SYSTEM AREA-111		Zone 5
	310641600	IR-UTY-II-C.L4-C17	Steam Piping Circuit 8	B	MECH-05	VIRTUAL ASSETS	FUEL GAS SYSTEM AREA-107		Zone 5
	310641601	IR-UTY-II-C.L4-C18	Steam Piping Circuit 9	B	MECH-05	VIRTUAL ASSETS	COMPRESSOR AREA AREA-109		Zone 5
	310641602	IR-UTY-II-C.L4-C19	Steam Piping Circuit 10	B	MECH-05	VIRTUAL ASSETS	FUEL GAS SYSTEM AREA-107		Zone 5
	310641603	IR-UTY-II-C.L4-C20	Steam Piping Circuit 11	B	MECH-05	VIRTUAL ASSETS	CHILLER WATER SYSTEM AREA-117		Zone 5
	310641604	IR-UTY-II-C.L5-C25	Process Piping Circuit 1	B	MECH-05	VIRTUAL ASSETS	PROCESS WATER SYSTEM AREA-113		Zone 5
	310641605	IR-UTY-II-C.L5-C26	Process Piping Circuit 2	B	MECH-05	VIRTUAL ASSETS	POTABLE WATER AREA-114		Zone 5
	310641606	IR-UTY-II-C.L5-C27	Process Piping Circuit 3	B	MECH-05	VIRTUAL ASSETS	POTABLE WATER AREA-114		Zone 5
	310641607	IR-UTY-II-C.L5-C28	Process Piping Circuit 4	B	MECH-05	VIRTUAL ASSETS	POTABLE WATER AREA-114		Zone 5
	310641608	IR-UTY-II-C.L5-C29	Process Piping Circuit 5	B	MECH-05	VIRTUAL ASSETS	PROCESS WATER SYSTEM AREA-113		Zone 5
	310641609	IR-UTY-II-C.L6-C30	Demineralized Water Piping Circuit 1	B	MECH-05	VIRTUAL ASSETS	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310641610	IR-UTY-II-C.L6-C31	Demineralized Water Piping Circuit 2	B	MECH-05	VIRTUAL ASSETS	DEMINERALIZATION PLANT AREA-112		Zone 5
	310641615	IR-UTY-II-C.L8-C36	Fuel Gas Piping Circuit 1	A	MECH-05	VIRTUAL ASSETS	FUEL GAS SYSTEM AREA-107		Zone 5
	310641616	IR-UTY-II-C.L8-C37	Fuel Gas Piping Circuit 2	A	MECH-05	VIRTUAL ASSETS	FUEL GAS SYSTEM AREA-107		Zone 5
	310641617	IR-UTY-II-C.L8-C38	Fuel Gas Piping Circuit 3	A	MECH-05	VIRTUAL ASSETS	FUEL GAS SYSTEM AREA-107		Zone 5
	310641618	IR-UTY-II-C.L8-C39	Fuel Gas Piping Circuit 4	A	MECH-05	VIRTUAL ASSETS	FUEL GAS SYSTEM AREA-107		Zone 5
	310641619	IR-UTY-II-C.L8-C40	Fuel Gas Piping Circuit 5	A	MECH-05	VIRTUAL ASSETS	FUEL GAS SYSTEM AREA-107		Zone 5
	310641620	IR-UTY-II-C.L8-C41	Fuel Gas Piping Circuit 6	A	MECH-05	VIRTUAL ASSETS	FUEL GAS SYSTEM AREA-107		Zone 5
	310641621	IR-UTY-II-C.L8-C42	Fuel Gas Piping Circuit 7	A	MECH-05	VIRTUAL ASSETS	FUEL GAS SYSTEM AREA-107		Zone 5
	310641622	IR-UTY-II-C.L8-C43	Fuel Gas Piping Circuit 8	A	MECH-05	VIRTUAL ASSETS	FUEL GAS SYSTEM AREA-107		Zone 5
	310641623	IR-UTY-II-C.L8-C44	Fuel Gas Piping Circuit 9	A	MECH-05	VIRTUAL ASSETS	FUEL GAS SYSTEM AREA-107		Zone 5
	310641624	IR-UTY-II-C.L8-C93	Fuel Gas Piping Circuit 10	A	MECH-05	VIRTUAL ASSETS	FUEL GAS SYSTEM AREA-107		Zone 5
	310641625	IR-UTY-II-C.L9-C45	Caustic Soda Piping Circuit 1	A	MECH-05	VIRTUAL ASSETS	CAUSTIC SYSTEM AREA-124		Zone 5
	310641626	IR-UTY-II-C.L9-C46	Caustic Soda Piping Circuit 2	A	MECH-05	VIRTUAL ASSETS	CAUSTIC SYSTEM AREA-124		Zone 5
	310641627	IR-UTY-II-C.L10-C47	Condensate Water & BFW Piping Circuit 1	B	MECH-05	VIRTUAL ASSETS	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310641628	IR-UTY-II-C.L10-C48	Condensate Water & BFW Piping Circuit 2	B	MECH-05	VIRTUAL ASSETS	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310641629	IR-UTY-II-C.L10-C49	Condensate Water & BFW Piping Circuit 3	B	MECH-05	VIRTUAL ASSETS	STEAM CONDENSATE SYSTEM AREA-111		Zone 5
	310641630	IR-UTY-II-C.L10-C50	Condensate Water & BFW Piping Circuit 4	B	MECH-05	VIRTUAL ASSETS	FUEL GAS SYSTEM AREA-107		Zone 5
	310641631	IR-UTY-II-C.L10-C51	Condensate Water & BFW Piping Circuit 5	B	MECH-05	VIRTUAL ASSETS	SEA WATER SYSTEM AREA-115		Zone 5
	310641632	IR-UTY-II-C.L10-C52	Condensate Water & BFW Piping Circuit 6	B	MECH-05	VIRTUAL ASSETS	BOILER # 01 AREA-111		Zone 5
	310641633	IR-UTY-II-C.L10-C53	Condensate Water & BFW Piping Circuit 7	B	MECH-05	VIRTUAL ASSETS	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310641634	IR-UTY-II-C.L10-C54	Condensate Water & BFW Piping Circuit 8	B	MECH-05	VIRTUAL ASSETS	BOILER FEED WATER SYSTEM AREA-111		Zone 5
	310641635	IR-UTY-II-C.L10-C55	Condensate Water & BFW Piping Circuit 9	B	MECH-05	VIRTUAL ASSETS	STEAM SYSTEM AREA-111		Zone 5
	310641636	IR-UTY-II-C.L10-C56	Condensate Water & BFW Piping Circuit 10	B	MECH-05	VIRTUAL ASSETS	BOILER # 01 AREA-111		Zone 5
	310641637	IR-UTY-II-C.L10-C57	Condensate Water & BFW Piping Circuit 11	B	MECH-05	VIRTUAL ASSETS	STEAM SYSTEM AREA-111		Zone 5
	310641638	IR-UTY-II-C.L11-C58	Sulphuric Acid Piping Circuit	A	MECH-05	VIRTUAL ASSETS	SULPHURIC ACID SYSTEM AREA-123		Zone 5
	310641639	IR-UTY-II-C.L12-C59	Air Piping Circuit 1	B	MECH-05	VIRTUAL ASSETS	BOILER # 01 AREA-111		Zone 5
	310641640	IR-UTY-II-C.L12-C60	Air Piping Circuit 2	B	MECH-05	VIRTUAL ASSETS	COMPRESSORS AREA AREA-110		Zone 5
	310641641	IR-UTY-II-C.L13-C61	Nitrogen Piping Circuit 1	B	MECH-05	VIRTUAL ASSETS	COMPRESSOR AREA AREA-109		Zone 5
	310641642	IR-UTY-II-C.L13-C62	Nitrogen Piping Circuit 2	B	MECH-05	VIRTUAL ASSETS	FUEL OIL SYSTEM AREA-106		Zone 5
	310641643	IR-UTY-II-C.L13-C63	Nitrogen Piping Circuit 3	B	MECH-05	VIRTUAL ASSETS	NITROGEN SYSTEM AREA-109		Zone 5
	310641644	IR-UTY-II-C.L14-C64	Diesel Piping Circuit 1	C	MECH-05	VIRTUAL ASSETS	DIESEL SYSTEM AREA-108		Zone 5
	310641645	IR-UTY-II-C.L14-C65	Diesel Piping Circuit 2	C	MECH-05	VIRTUAL ASSETS	DIESEL SYSTEM AREA-108		Zone 5
	310641646	IR-UTY-II-C.L15-C66	Sodium Hypochlorite Piping Circuit	C	MECH-05	VIRTUAL ASSETS	SEA WATER SYSTEM AREA-115		Zone 5
	310641650	IR-UTY-II-C.L17-C70	Storm Water Piping Circuit 1	D	MECH-05	VIRTUAL ASSETS	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310641651	IR-UTY-II-C.L17-C71	Storm Water Piping Circuit 2	D	MECH-05	VIRTUAL ASSETS	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310641653	IR-UTY-II-C.L17-C73	Storm Water Piping Circuit 4	D	MECH-05	VIRTUAL ASSETS	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310641654	IR-UTY-II-C.L17-C74	Storm Water Piping Circuit 5	D	MECH-05	VIRTUAL ASSETS	SANITARY WASTE WATER AREA-000		Zone 5
	310641655	IR-UTY-II-C.L17-C75	Storm Water Piping Circuit 6	D	MECH-05	VIRTUAL ASSETS	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310641656	IR-UTY-II-C.L17-C76	Storm Water Piping Circuit 7	D	MECH-05	VIRTUAL ASSETS	SANITARY WASTE WATER AREA-000		Zone 5
	310641657	IR-UTY-II-C.L17-C77	Storm Water Piping Circuit 8	D	MECH-05	VIRTUAL ASSETS	SANITARY WASTE WATER AREA-000		Zone 5
	310641658	IR-UTY-II-C.L18-C78	VFL Piping Circuit 1	C	MECH-05	VIRTUAL ASSETS	EFFLUENT STORAGE AREA-120		Zone 5
	310641659	IR-UTY-II-C.L18-C79	VFL Piping Circuit 2	C	MECH-05	VIRTUAL ASSETS	EFFLUENT STORAGE AREA-120		Zone 5
	310641660	IR-UTY-II-C.L20-C80	Plant Air Piping Circuit 1	B	MECH-05	VIRTUAL ASSETS	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310641661	IR-UTY-II-C.L20-C81	Plant Air Piping Circuit 2	B	MECH-05	VIRTUAL ASSETS	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310641662	IR-UTY-II-C.L21-C94	Hydrogen Piping Circuit 1	A	MECH-05	VIRTUAL ASSETS	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310641663	IR-UTY-II-C.L21-C95	Hydrogen Piping Circuit 2	A	MECH-05	VIRTUAL ASSETS	COMPRESSED AIR SYSTEM AREA-110		Zone 5
	310641664	IR-UTY-II-C.L22-C82	Fuel Oil Piping Circuit 1	A	MECH-05	VIRTUAL ASSETS	FUEL OIL SYSTEM AREA-106		Zone 5
	310641665	IR-UTY-II-C.L22-C83	Fuel Oil Piping Circuit 2	A	MECH-05	VIRTUAL ASSETS	FUEL OIL SYSTEM AREA-106		Zone 5
	310641666	IR-UTY-II-C.L22-C84	Fuel Oil Piping Circuit 3	A	MECH-05	VIRTUAL ASSETS	BOILER # 01 AREA-111		Zone 5
	310641667	IR-UTY-II-C.L22-C85	Fuel Oil Piping Circuit 4	A	MECH-05	VIRTUAL ASSETS	FUEL OIL SYSTEM AREA-106		Zone 5
	310641668	IR-UTY-II-C.L22-C86	Fuel Oil Piping Circuit 5	A	MECH-05	VIRTUAL ASSETS	FUEL OIL SYSTEM AREA-106		Zone 5
	310641669	IR-UTY-II-C.L25-C87	Corrosion Inhibitor (Phosphate Based) Pi	C	MECH-05	VIRTUAL ASSETS	DEMINERALIZATION PLANT AREA-112		Zone 5
	310641670	IR-UTY-II-C.L25-C88	Corrosion Inhibitor (Phosphate Based) Pi	C	MECH-05	VIRTUAL ASSETS	STEAM SYSTEM AREA-111		Zone 5
	310641671	IR-UTY-II-C.L25-C89	Corrosion Inhibitor (Nitrate Based) Pipi	C	MECH-05	VIRTUAL ASSETS	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310641672	IR-UTY-II-C.L25-C90	Biocide Piping Circuit	C	MECH-05	VIRTUAL ASSETS	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310641673	IR-UTY-II-C.L25-C91	Oxygen Scavenger Piping Circuit	C	MECH-05	VIRTUAL ASSETS	STEAM SYSTEM AREA-111		Zone 5
	310641674	IR-UTY-II-C.L26-C92	Lube Oil Piping Circuit	C	MECH-05	VIRTUAL ASSETS	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310656220	IR-ARO-C.L5-C52	Tatory Separator Bottom Mixed Aromatics	A	MECH-04	VIRTUAL ASSETS	FLARE SYSTEM AREA-119		Zone 5
	310656224	IR-ARO-C.L5-C56	Tatory Separator Bottom Mixed Aromatics	A	MECH-04	VIRTUAL ASSETS	FLARE SYSTEM AREA-119		Zone 5
	310656226	IR-ARO-C.L5-C58	Tatory Separator Bottom Mixed Aromatics	A	MECH-04	VIRTUAL ASSETS	FLARE SYSTEM AREA-119		Zone 5
	310656227	IR-ARO-C.L5-C59	Tatory Separator Bottom Mixed Aromatics	A	MECH-04	VIRTUAL ASSETS	FLARE SYSTEM AREA-119		Zone 5
	310656228	IR-ARO-C.L5-C60	Tatory Separator Bottom Mixed Aromatics	A	MECH-04	VIRTUAL ASSETS	FLARE SYSTEM AREA-119		Zone 5
	310656229	IR-ARO-C.L5-C61	Tatory Separator Bottom Mixed Aromatics	A	MECH-04	VIRTUAL ASSETS	FLARE SYSTEM AREA-119		Zone 5
	310656239	IR-ARO-C.L5-C71	Tatory Separator Bottom Mixed Aromatics	A	MECH-04	VIRTUAL ASSETS	FLARE SYSTEM AREA-119		Zone 5
	310656322	IR-ARO-C.L9-C154	Steam Piping Circuit 4	B	MECH-04	VIRTUAL ASSETS	FLARE SYSTEM AREA-119		Zone 5
	310656351	IR-ARO-C.L10-C183	Steam Condensate Piping circuit 14	C	MECH-04	VIRTUAL ASSETS	FLARE SYSTEM AREA-119		Zone 5
	310656360	IR-ARO-C.L11-C192	Fuel Gas Piping circuit 3	A	MECH-04	VIRTUAL ASSETS	FLARE SYSTEM AREA-119		Zone 5
	310705643	IR-ARO-C.L5-C62*	Tatory Separator Bottom Mixed Aro PC 39	D	MECH-04	VIRTUAL ASSETS	FLARE SYSTEM AREA-119		Zone 5
	310719995	IR-ETP-III-C.L1-C1	PET/PTA Waste Water Piping Circuit 1	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310719996	IR-ETP-III-C.L1-C2	PET/PTA Waste Water Piping Circuit 2	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310719997	IR-ETP-III-C.L1-C3	PET/PTA Waste Water Piping Circuit 3	D	MECH-05	VIRTUAL ASSETS	FIRE ALARM SYSTEM AREA-118		Zone 5
	310719998	IR-ETP-III-C.L1-C4	PET/PTA Waste Water Piping Circuit 4	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310719999	IR-ETP-III-C.L1-C5	PET/PTA Waste Water Piping Circuit 5	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720000	IR-ETP-III-C.L1-C6	PET/PTA Waste Water Piping Circuit 6	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720001	IR-ETP-III-C.L1-C7	PET/PTA Waste Water Piping Circuit 7	D	MECH-05	VIRTUAL ASSETS	FIRE ALARM SYSTEM AREA-118		Zone 5
	310720002	IR-ETP-III-C.L1-C8	PET/PTA Waste Water Piping Circuit 8	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720003	IR-ETP-III-C.L1-C9	PET/PTA Waste Water Piping Circuit 9	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720004	IR-ETP-III-C.L1-C10	PET/PTA Waste Water Piping Circuit 10	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720005	IR-ETP-III-C.L1-C11	PET/PTA Waste Water Piping Circuit 11	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720006	IR-ETP-III-C.L1-C12	PET/PTA Waste Water Piping Circuit 12	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720007	IR-ETP-III-C.L1-C13	PET/PTA Waste Water Piping Circuit 13	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720008	IR-ETP-III-C.L1-C14	PET/PTA Waste Water Piping Circuit 14	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720009	IR-ETP-III-C.L1-C15	PET/PTA Waste Water Piping Circuit 15	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720010	IR-ETP-III-C.L1-C16	PET/PTA Waste H2O PC16(Non Metallic/RBI)	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720011	IR-ETP-III-C.L1-C17	PET/PTA Waste H2O PC17(Non Metallic/RBI)	D	MECH-05	VIRTUAL ASSETS	FIRE ALARM SYSTEM AREA-118		Zone 5
	310720012	IR-ETP-III-C.L1-C18	PET/PTA Waste Water Piping Circuit 18	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720013	IR-ETP-III-C.L1-C19	PET/PTA Waste Water Piping Circuit 19	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720014	IR-ETP-III-C.L1-C20	PET/PTA Waste Water Piping Circuit 20	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720015	IR-ETP-III-C.L1-C21	PET/PTA Waste Water Piping Circuit 21	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720016	IR-ETP-III-C.L1-C22	PET/PTA Waste Water Piping Circuit 22	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720017	IR-ETP-III-C.L1-C23	PET/PTA Waste Water Piping Circuit 23	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720018	IR-ETP-III-C.L1-C24	PET/PTA Waste Water Piping Circuit 24	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720019	IR-ETP-III-C.L1-C25	PET/PTA Waste Water Piping Circuit 25	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720020	IR-ETP-III-C.L1-C26	PET/PTA Waste Water Piping Circuit 26	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720021	IR-ETP-III-C.L1-C27	PET/PTA Waste Water Piping Circuit 27	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720022	IR-ETP-III-C.L1-C28	PET/PTA Waste Water Piping Circuit 28	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720023	IR-ETP-III-C.L1-C29	PET/PTA Waste Water Piping Circuit 29	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720024	IR-ETP-III-C.L2-C30	Aromatic Waste Water Piping Circuit 1	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720025	IR-ETP-III-C.L2-C31	Aromatic Waste Water Piping Circuit 2	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720026	IR-ETP-III-C.L2-C32	Aromatic Waste H2O PC3(Non Metallic/RBI)	D	MECH-05	VIRTUAL ASSETS	PRETREATMENT AREA AREA-120		Zone 5
	310720027	IR-ETP-III-C.L2-C33	Aromatic Waste H2O PC4(Non Metallic/RBI)	D	MECH-05	VIRTUAL ASSETS	PRETREATMENT AREA AREA-120		Zone 5
	310720028	IR-ETP-III-C.L2-C34	Aromatic Waste Water Piping Circuit 5	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720029	IR-ETP-III-C.L2-C35	Aromatic Waste Water Piping Circuit 6	D	MECH-05	VIRTUAL ASSETS	PRETREATMENT AREA AREA-120		Zone 5
	310720030	IR-ETP-III-C.L2-C36	Aromatic Waste Water Piping Circuit 7	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720031	IR-ETP-III-C.L2-C37	Aromatic Waste Water Piping Circuit 8	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720032	IR-ETP-III-C.L2-C38	Aromatic Waste Water Piping Circuit 9	D	MECH-05	VIRTUAL ASSETS	PRETREATMENT AREA AREA-120		Zone 5
	310720033	IR-ETP-III-C.L3-C39	Cooling Water Piping Circuit 1	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720034	IR-ETP-III-C.L3-C40	Cooling Water Piping Circuit 2	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720035	IR-ETP-III-C.L3-C41	Cooling Water Piping Circuit 3	D	MECH-05	VIRTUAL ASSETS	COOLING WATER CIRC. PUMP AREA-116		Zone 5
	310720036	IR-ETP-III-C.L3-C42	Cooling Water Piping Circuit 4	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5

Remark: For indicative only , bidders has to check quantity and quality

S.No.	Equipment	TechIdentNo.	Description	ABC indic.	Main WorkCtr	Object type Desc	Description	Unit #	Zone #
	310720037	IR-ETP-III-C.L4-C43	Chemical Treatment PC1(Non Metallic/RBI)	D	MECH-05	VIRTUAL ASSETS	PRETREATMENT AREA AREA-120		Zone 5
	310720038	IR-ETP-III-C.L4-C44	Chemical Treatment PC2(Non Metallic/RBI)	D	MECH-05	VIRTUAL ASSETS	PRETREATMENT AREA AREA-120		Zone 5
	310720039	IR-ETP-III-C.L4-C45	Chemical Treatment PC3(Non Metallic/RBI)	D	MECH-05	VIRTUAL ASSETS	PRETREATMENT AREA AREA-120		Zone 5
	310720040	IR-ETP-III-C.L4-C46	Chemical Treatment PC3(Non Metallic/RBI)	D	MECH-05	VIRTUAL ASSETS	PRETREATMENT AREA AREA-120		Zone 5
	310720041	IR-ETP-III-C.L4-C47	Chemical Treatment Piping Circuit 5	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720042	IR-ETP-III-C.L4-C48	Chemical Treatment Piping Circuit 6	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720043	IR-ETP-III-C.L5-C49	Biologcal Treatmnt PC1(Non Metallic/RBI)	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720044	IR-ETP-III-C.L5-C50	Biological Treatment Piping Circuit 2	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720045	IR-ETP-III-C.L5-C51	Biological Treatment Piping Circuit 3	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720046	IR-ETP-III-C.L5-C52	Biologcal Treatmnt PC4(Non Metallic/RBI)	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720047	IR-ETP-III-C.L5-C53	Biologcal Treatmnt PC5(Non Metallic/RBI)	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720048	IR-ETP-III-C.L6-C54	Chemical Injection PC1(Non Metallic/RBI)	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720049	IR-ETP-III-C.L6-C55	Chemical Injection PC2(Non Metallic/RBI)	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720050	IR-ETP-III-C.L6-C56	Chemical Injection Piping Circuit 3	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720051	IR-ETP-III-C.L6-C57	Chemical Injection Piping Circuit 4	C	MECH-05	VIRTUAL ASSETS	PRETREATMENT AREA AREA-120		Zone 5
	310720052	IR-ETP-III-C.L6-C58	Chemical Injection Piping Circuit 5	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720053	IR-ETP-III-C.L6-C59	Chemical Injection PC6(Non Metallic/RBI)	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720054	IR-ETP-III-C.L6-C60	Chemical Injection PC7(Non Metallic/RBI)	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720055	IR-ETP-III-C.L6-C61	Chemical Injection Piping Circuit 8	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720056	IR-ETP-III-C.L6-C62	Chemical Injection Piping Circuit 9	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720057	IR-ETP-III-C.L6-C63	Chemical Injection Piping Circuit 10	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720058	IR-ETP-III-C.L6-C64	Chemical Injection Piping Circuit 11	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720059	IR-ETP-III-C.L7-C65	Biological Sludge Piping Circuit 1	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720060	IR-ETP-III-C.L7-C66	Biological Sludge Piping Circuit 2	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720061	IR-ETP-III-C.L7-C67	Biological Sludge Piping Circuit 3	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720062	IR-ETP-III-C.L7-C68	Biological Sludge Piping Circuit 4	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720063	IR-ETP-III-C.L8-C69	Vent Gas Piping Circuit 1	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720064	IR-ETP-III-C.L8-C70	Vent Gas Piping Circuit 2	D	MECH-05	VIRTUAL ASSETS	PRETREATMENT AREA AREA-120		Zone 5
	310720065	IR-ETP-III-C.L8-C71	Vent Gas PC3(Non Metallic/RBI)	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720066	IR-ETP-III-C.L8-C72	Vent Gas PC4(Non Metallic/RBI)	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720067	IR-ETP-III-C.L9-C73	Air Piping Circuit 1	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720068	IR-ETP-III-C.L9-C74	Air Piping Circuit 2	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720069	IR-ETP-III-C.L9-C75	Air Piping Circuit 3	C	MECH-05	VIRTUAL ASSETS	PRETREATMENT AREA AREA-120		Zone 5
	310720070	IR-ETP-III-C.L9-C76	Air Piping Circuit 4	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720071	IR-ETP-III-C.L9-C77	Air Piping Circuit 5	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720072	IR-ETP-III-C.L9-C78	Air Piping Circuit 6	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720073	IR-ETP-III-C.L10-C79	Nitrogen Piping Circuit	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720074	IR-ETP-III-C.L11-C80	Steam Piping Circuit 1	B	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720075	IR-ETP-III-C.L11-C81	Steam Piping Circuit 2	B	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720076	IR-ETP-III-C.L12-C82	Process Water Piping Circuit 1	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720077	IR-ETP-III-C.L12-C83	Process Water Piping Circuit 2	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720078	IR-ETP-III-C.L12-C84	Process Water Piping Circuit 3	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720079	IR-ETP-III-C.L13-C85	Diesel/OWS PC1(Non Metallic/RBI)	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720080	IR-ETP-III-C.L13-C86	Diesel/OWS PC2(Non Metallic/RBI)	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720081	IR-ETP-III-C.L14-C87	Sanitary Waste H2O PC(Non Metallic/RBI)	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720082	IR-ETP-III-C.L15-C88	Potable Water Piping Circuit	C	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720084	IR-ETP-III-C.L16-C90	Contaminated Storm Water PC2	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	310720085	IR-ETP-III-C.L16-C91	Contmntd Storm H2O PC3(Non Metallic/RBI)	D	MECH-05	VIRTUAL ASSETS	AEROBIC TREATMENT AREA-120		Zone 5
	311277214	R-RC-ZONE-I-UG-01	RC Zone-I UG Soil to Air Interace	E	MECH-05	VIRTUAL ASSETS	PIPING SYSTEM		Zone 5
	311277215	R-RC-ZONE-II-UG-0	RC Zone-II UG Soil to Air Interace	E	MECH-05	VIRTUAL ASSETS	PIPING SYSTEM		Zone 5
	311277216	R-RC-ZONE-III-UG-0	RC Zone-III UG Soil to Air Interace	E	MECH-05	VIRTUAL ASSETS	PIPING SYSTEM		Zone 5
	311277217	IR-UTY-II-UG-01	UTY-II UG Soil to Air Interace	E	MECH-05	VIRTUAL ASSETS	PIPING SYSTEM		Zone 5
FIRE TENDER UNIT / PRESSURE SAFETY VALVE / BULK SUPPLY TENDERS									
46	340002370	000-T-004	000-T-004:FOAM / WATER FIRE TENDER UNIT	D	MECH-05	#N/A	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	340002371	000-T-005	000-T-005:FOAM BULK SUPPLY TENDERS	D	MECH-05	#N/A	DRAIN AND STORM SYSTEM AREA-000		Zone 5
	310288582	107-PSV-018A2	107-PSV-018A2:PRESSURE SAFETY VALVE	A	MECH-05	#N/A	FUEL GAS SYSTEM AREA-107		Zone 5
	310288749	107-PSV-018A1	107-PSV-018A1:PRESSURE SAFETY VALVE	A	MECH-05	#N/A	FUEL GAS SYSTEM AREA-107		Zone 5
UPS / BATTERY									
47	320035281	000-PBAT-013A	000-PBAT-013A:UPS I BATTERY, CCR	B	ELEC-05		CENTRAL CONTROL ROOM		Zone 5
	320035282	000-PBAT-013B	000-PBAT-013B:UPS II BATTERY, CCR	B	ELEC-05		CENTRAL CONTROL ROOM		Zone 5
	320035331	000-P-013A	000-P-013A:UPS I, CCR	B	ELEC-05		CENTRAL CONTROL ROOM		Zone 5