

LIST OF MINIMUM T&P'S TO BE MAINTAINED BY CONTRACTOR - Unit 3 / Unit 4 Boiler AOH (PP)					
SL. NO.	DETAILS OF TOOLS & PLANTS	DETAILED SPECIFICATION	MAKE & CAT NO. (PLEASE WRITE IF APPLICABLE)	UNIT	QUANTITY
1	WELDING MACHINE 400AMPS,3PHASE WITH REGULATOR	L&T, ADORE, ESAB	L&T, ADORE, ESAB	NOS	4
2	WELDING MACHINE PORTABLE 1 PHASE WITH REGULATOR	L&T, ADORE, ESAB	L&T, ADORE, ESAB	NOS	6
3	CHAPSAW MACHINE	BOSCH	BOSCH	NOS	1
4	WINCH MACHINE 2T-5T WITH PULLEY & ROPE	Standard Brand	Standard Brand	NOS/EACH	2
5	WINCH MACHINE 1T or 500KG & ROPE	Standard Brand		NOS/EACH	4
6	WELDING REGULATOR WITH CABLE 100MTR EACH	L&T, ADORE, ESAB	L&T, ADORE, ESAB	NOS	4
7	WELDING CABLE 100MTR ALONG WITH TORCH	L&T, ADORE, ESAB	L&T, ADORE, ESAB	NOS	4
8	WELDING CABLE-COPPER	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT		METRE	200
9	EXTENSION BOARD WITH TRANSFORMER AND ECCB			SET	30
10	CUTTING NOZZLE	A 1/16	ESAB/EQUIVALENT	NOS	4
11	CUTTING NOZZLE	B 3/64	ESAB/EQUIVALENT	NOS	4
12	CUTTING HOSE(OXYGEN & DA)	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	ESAB/EQUIVALENT	METRE	400
13	GAS CUTTING SET	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	ESAB/EQUIVALENT	NOS	6
15	FIREBACK ARRESTOR	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	ESAB/EQUIVALENT	NOS	8
16	REGULATOR O2	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	ESAB/EQUIVALENT	NOS	6
17	REGULATOR DA	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	ESAB/EQUIVALENT	NOS	6
18	ARGON REGULATOR	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	ESAB/EQUIVALENT	NOS	4
19	ARGON TORCH	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	ESAB/EQUIVALENT	NOS	4
20	ARGON HOSE 100 M LENGTH	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	ESAB/EQUIVALENT	NOS	4
21	MEASUREMENT TAPE	3M	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	4
22	MEASUREMENT TAPE	5M	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	1
23	MEASUREMENT TAPE	15M	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	1
24	WHITENER FOR MARKING	Camlin	Camlin	NOS	3
25	SEARCH LIGHT	Brite light	Brite light	NOS	3
26	LED TORCH LIGHT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	EVEREADY	NOS	6
27	LIFE LINE ROPE	Karam	Karam	M	200
28	CHAIN PULLEY BLOCKS	1MT/5M	SAFEX/INDEF	NOS	4
29	CHAIN PULLEY BLOCKS	3MT/Long Lift	SAFEX/INDEF	NOS	12
30	CHAIN PULLEY BLOCKS	5MT/Long Lift	SAFEX/INDEF	NOS	8
31	CHAIN PULLEY BLOCKS	10MT/Long Lift	SAFEX/INDEF	NOS	1
32	D-SHACKLES	1MT TO 10 MT	SAFEX/INDEF	NOS/EACH	3
33	D-SHACKLES	15MT & 20 MT	SAFEX/INDEF	NOS/EACH	2
34	EYE BOLT	10MM,12MM,16MM,20MM	SAFEX/INDEF	NOS/EACH	3
35	EYE BOLT	24MM,30MM,36MM,42MM	SAFEX/INDEF	NOS/EACH	2
36	BELT SLING	1MT,2MT,3MT,5MT,8MT,10MT	SAFEX/INDEF	NOS/EACH	1
37	WIRE ROPE SLINGS	8MM*2M	SAFEX/INDEF	NOS	2
38	WIRE ROPE SLINGS	16MM*6M	SAFEX/INDEF	NOS	2
39	WIRE ROPE SLINGS	20MM*8M	SAFEX/INDEF	NOS	2
40	WIRE ROPE SLINGS	25MM*8M	SAFEX/INDEF	NOS	2
41	WIRE ROPE SLINGS	32MM*10M	SAFEX/INDEF	NOS	2
42	HALOGEN			NOS	50
43	AIR HOSE 1" FIBRE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	METRE	150
44	GRINDING MACHINE	AG-4	BOSCH/KPT	NOS	6
45	GRINDING MACHINE	AG-5	BOSCH/KPT	NOS	6

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46	GRINDING MACHINE	AG-7	BOSCH/KPT	NOS	2
47	GRINDING MACHINE	FLEXIBLE FF-2	BOSCH/KPT	NOS	3
48	GRINDING MACHINE	PISTON GRINDING MACHINE	BOSCH/KPT	NOS	1
49	HAND DRILL MACHINE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	BOSCH/KPT	NOS	1
52	BOX SPANNER SET	6-32MM	TAPARIA/MEKASTER	SETS	2
53	BOX SPANNER SET	36-80MM	TAPARIA/MEKASTER	SETS	2
54	VERNIER CALIPER	150MM	MITUTOYO	NOS	1
55	DIGITAL VERNIER	150MM	MITUTOYO	NOS	1
56	DEPTH VERNIER	300MM	MITUTOYO	NOS	1
57	FEELER GUAGE SET	150MM	MITUTOYO	NOS	1
58	OUTSIDE MICROMETER	0-25	MITUTOYO	NOS	1
59	OUTSIDE MICROMETER	0-150MM	MITUTOYO	NOS	1
60	MASTER LEVEL	150MM	MITUTOYO	NOS	1
62	SPIRIT LEVEL	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	MITUTOYO	NOS	1
63	PITCH GUAGE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	MITUTOYO	NOS	1
64	ANGLE/BEVEL PROTRACTOR	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	MITUTOYO	NOS	2
65	STEEL RULE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	MITUTOYO	NOS	2
66	DIVIDER	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	MITUTOYO	NOS	2
67	PROTRACTOR	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	MITUTOYO	NOS	1
68	BENCH VICE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	TAPARIA	NOS	1
69	CUTTING SET TROLLEY	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	4
70	HAMMERING SPANNER-RING & D	24MM,27MM,30MM,32MM,36MM,41MM,46MM,50MM,55MM,60MM,65MM,70MM,75MM,80MM,85MM,90MM,95MM,110MM	TAPARIA/MEKASTER	NOS/EACH	2
71	SPANNER-RING & D	41MM,46MM,50MM,55MM,60MM,65MM,70MM,75MM,80MM,85MM,90MM,95MM	TAPARIA/MEKASTER	NOS/EACH	1
72	TAP SET	3MM,4MM,5MM,6MM,8MM,10MM,12MM,16MM,20MM,24MM,27MM,30MM,36MM(METRIC/FINE)	TOTEM/JK	NOS/EACH	1
73	TAP WRENCH		TOTEM/JK	NOS	1
74	RING SPANNER	6MM-32MM	TAPARIA	SETS	4
75	D-SPANNER	6MM-32MM	TAPARIA	SETS	4
76	RIGHT ANGLE	6 & 12	TAPARIA	NOS	3
77	MOTHER OVEN	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	1
78	ELECTRODE BAKING OVEN(PORTABLE)	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	8
79	HACKSAW FRAME BIG	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	TAPARIA	NOS	2
80	HACKSAW FRAME MINI	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	TAPARIA	NOS	2
81	MILLING CUTTERS-CYLINDRICAL, CONICAL, ROUND	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	TAPARIA	NOS	6
82	CUTTING PLIER	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	TAPARIA	NOS	2
83	CIRCLIP PLIER-SMALL	INTERNAL & EXTERNAL	TAPARIA	NOS	1
84	CIRCLIP PLIER-MEDIUM	INTERNAL & EXTERNAL	TAPARIA	NOS	1
85	DRILL BIT SETS	4-12MM	BOSCH/KPT	SETS	1
86	SCAFFOLDING PIPE	3 METRE		NOS	800
87	SCAFFOLDING PIPE	6 METRE		NOS	300
88	BATTERN			NOS	300
89	SCAFFOLDING CLAMPS	FIXED AND SWIVEL		NOS/EACH	1000
90	BEAM CLAMPS			NOS	100

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91	C-CLAMP	4",6",8",10",12"	TAPARIA	NOS/EACH	1
92	ALLEN KEY	1-10MM(BOX)	TAPARIA	SET	6
93	ALLEN KEY	12MM,14MM,17MM,19MM,22MM,24MM,27MM,30MM,32MM	TAPARIA	NOS/EACH	2
94	ALLEN KEY	1/6 TO 3/8 INCH	TAPARIA	SET	1
95	PIPE WRENCH	12"	TAPARIA	NOS	2
96	PIPE WRENCH	18"	TAPARIA	NOS	2
97	PIPE WRENCH	24"	TAPARIA	NOS	2
98	SCREW DRIVER	12'	TAPARIA	NOS	3
99	SCREW DRIVER	18"	TAPARIA	NOS	3
100	HAMMERS	4LB	TAPARIA	NOS	10
101	HAMMERS	10LB,22LB	TAPARIA	NOS/EACH	2
102	HAMMERS	33LB	TAPARIA	NOS/EACH	2
103	HAMMERS	44LB		NOS	1
104	INDUCTION PIPE COIL HEATING SYSTEM FOR SR	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SET	4
105	ALUMINIUM LADDER 3 MTR	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT		NOS	2
106	TRUCK/TRAILER		TATA	NOS	1
107	NYLON HAMMERS	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	TAPARIA	NOS	2
108	GREASE GUN WITH HOSE AND NIPPLES	1KG,3KG,5KG		NOS/EACH	2
109	TOOL BOX WITH ALL HAND TOOLS	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	20
110	SINGLE ROPE PULLEY	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	3
111	LETTER PUNCH	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	1
112	NUMBER PUNCH	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	1
113	COPPER ROD	300MM -LENGTH.40MM-OD	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	3
114	ROPE LADDER	6M LENGTH	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	2
115	TRANSFORMER 24V	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	10
116	AIR BLOWER	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	2
117	MULTI METER DIGITAL	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	1
118	TWO CORE CABLE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	METRE	200
119	THREE CORE CABLE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	METRE	200
120	SWITCH BOARDS WITH MCCB	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	30
121	HAND LAMP WITH 24 V	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	20
122	FILE FLAT	6" & 12" ROUGH	TAPARIA	NOS	1
123	FILE FLAT	6" & 12" SMOOTH	TAPARIA	NOS	1
124	NEEDLE FILE SETS	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	TAPARIA	SET	1
126	RIVETING MACHINE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	1
127	WATER LEVEL PIPE			METRE	50
128	PLUMB			NOS	2
129	TUBE BENDING MACHINE WITH DIES FOR UPTO 65 MM OD			SET	1
130	TIG WELDING SET			SET	4
131	UT MACHINE FOR TUBE THICKNESS			NOS	6
133	FALL ARRESTOR			NOS	6
136	HAND/HYDRAULIC TROLLEY FOR MATERIAL HANDLING			NOS	2

Note:

1. The above mentioned minimum quantity of Tools & Plants and equipment have to be maintained by the Contractor at the Owner's site through out the Contract period and has to be replenished by the Contractor as and when the quantity is consumed. The Tools & Plants as specified above are not exhaustive and the Contractor has to deploy additional Tools & Plants as per site requirement to complete the scope of work in all respects, without any financial implication to the Owner. Other details shall be as per scope of work.

2. The above mentioned equipment must be of ISI and of industrial grade from standard manufacturer.

DC not allowed

