

LIST OF MINIMUM T&P'S TO BE MAINTAINED BY CONTRACTOR - U 3 / U 4 AOH(Fans,APH & Ducts)					
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	3
2	WELDING MACHINE PORTABLE 1 PHASE WITH REGULATOR	L&T, ADORE, ESAB	L&T, ADORE, ESAB	NOS	4
3	WELDING REGULATOR WITH CABLE 100MTR EACH	L&T, ADORE, ESAB	L&T, ADORE, ESAB	NOS	3
4	WELDING CABLE 100MTR ALONG WITH TORCH	L&T, ADORE, ESAB	L&T, ADORE, ESAB	NOS	3
5	WELDING CABLE-COPPER	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT		METRE	200
6	EXTENSION BOARD WITH TRANSFORMER AND ECCB			SET	12
7	CUTTING NOZZLE	A 1/16	ESAB/EQUIVALENT	NOS	4
8	CUTTING NOZZLE	B 3/64	ESAB/EQUIVALENT	NOS	4
9	CUTTING HOSE(OXYGEN & DA)	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	ESAB/EQUIVALENT	METRE	400
10	CUTTING SET	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	ESAB/EQUIVALENT	NOS	4
11	FIREBACK ARRESTOR	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	ESAB/EQUIVALENT	NOS	8
12	REGULATOR O2	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	ESAB/EQUIVALENT	NOS	4
13	REGULATOR DA	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	ESAB/EQUIVALENT	NOS	4
14	MEASUREMENT TAPE	3M	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	4
15	MEASUREMENT TAPE	5M	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	1
16	WHITENER FOR MARKING	Camlin	Camlin	NOS	2
17	SEARCH LIGHT	Brite light	Brite light	NOS	2
18	LED TORCH LIGHT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	EVEREADY	NOS	4
19	LIFE LINE ROPE	Karam	Karam	M	100
20	CHAIN PULLEY BLOCKS	1MT/5M	SAFEX/INDEF	NOS	2
21	CHAIN PULLEY BLOCKS	3MT/8M	SAFEX/INDEF	NOS	4
22	CHAIN PULLEY BLOCKS	5MT/8M	SAFEX/INDEF	NOS	10
23	CHAIN PULLEY BLOCKS	10MT/10M	SAFEX/INDEF	NOS	2
24	D-SHACKLES	1MT TO 10 MT	SAFEX/INDEF	NOS/EACH	10
25	D-SHACKLES	15MT & 20 MT	SAFEX/INDEF	NOS/EACH	4
26	EYE BOLT	10MM,12MM,16MM,20MM	SAFEX/INDEF	NOS/EACH	6
27	EYE BOLT	24MM,30MM,36MM,42MM	SAFEX/INDEF	NOS/EACH	4
28	BELT SLING	1MT,2MT,3MT,5MT,8MT,10MT	SAFEX/INDEF	NOS/EACH	2
29	WIRE ROPE SLINGS	8MM*2M	SAFEX/INDEF	NOS	4
30	WIRE ROPE SLINGS	16MM*6M	SAFEX/INDEF	NOS	4
31	WIRE ROPE SLINGS	20MM*8M	SAFEX/INDEF	NOS	6
32	WIRE ROPE SLINGS	25MM*8M	SAFEX/INDEF	NOS	6
33	WIRE ROPE SLINGS	32MM*10M	SAFEX/INDEF	NOS	2
34	WIRE ROPE SLINGS	46MM*6M	SAFEX/INDEF	NOS	2
35	HYDRAULIC JACK WITH PUMP 30MT	30MT/50MM STROKE	ENERPAC	NOS	2
36	HYDRAULIC JACK WITH PUMP 50MT	50MT/100MM STROKE	ENERPAC	NOS	2
37	HYDRAULIC JACK WITH PUMP 100MT	100MT/150MM STROKE	ENERPAC	NOS	1
38	TAPER WEDGE JACK	50MT/50MM STROKE	ENERPAC	NOS	1
39	HALOGEN			NOS	10
40	AIR HOSE 1" FIBRE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	METRE	150
41	GRINDING MACHINE	AG-4	BOSCH/KPT	NOS	2
42	GRINDING MACHINE	AG-5	BOSCH/KPT	NOS	4
43	HAND DRILL MACHINE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	BOSCH/KPT	NOS	1
44	MAGNETIC DRILL MACHINE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	BOSCH/KPT	NOS	1
45	MAGNETIC STAND FOR DRILLING M/C	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	BOSCH/KPT	NOS	1
46	BOX SPANNER SET	6-32MM	TAPARIA/MEKASTER	SETS	2
47	BOX SPANNER SET	36-80MM	TAPARIA/MEKASTER	SETS	2
48	VERNIER CALIPER	150MM	MITUTOYO	NOS	2

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49	VERNIER CALIPER	300MM	MITUTOYO	NOS	2
50	DIGITAL VERNIER	150MM	MITUTOYO	NOS	1
51	DEPTH VERNIER	300MM	MITUTOYO	NOS	1
52	FEELER GUAGE SET	150MM	MITUTOYO	NOS	3
53	FEELER GUAGE SET	300MM	MITUTOYO	NOS	1
54	TELESCOPIC GAUGE		MITUTOYO	NOS	1
55	DIAL GAUGE	3MM	MITUTOYO	NOS	2
56	DIAL GAUGE	5MM	MITUTOYO	NOS	4
57	DIAL GAUGE	10MM	MITUTOYO	NOS	6
58	MAGNETIC BASE FOR DIAL GAUGE		MITUTOYO	NOS	4
59	INSIDE MICROMETER	50-1000MM	MITUTOYO	NOS	1
60	OUTSIDE MICROMETER	0-25	MITUTOYO	NOS	1
61	OUTSIDE MICROMETER	0-150MM	MITUTOYO	NOS	1
62	OUTSIDE MICROMETER	150-300	MITUTOYO	NOS	1
63	OUTSIDE MICROMETER	300-400MM	MITUTOYO	NOS	1
64	MASTER LEVEL	150MM	MITUTOYO	NOS	2
65	MASTER LEVEL	300MM	MITUTOYO	NOS	1
66	SPIRIT LEVEL	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	MITUTOYO	NOS	1
67	PITCH GUAGE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	MITUTOYO	NOS	1
68	TAPER GUAGE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	MITUTOYO	NOS	1
69	STEEL RULE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	MITUTOYO	NOS	2
70	DIVIDER	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	MITUTOYO	NOS	2
71	PROTACTOR	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	MITUTOYO	NOS	1
72	BENCH VICE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	TAPARIA	NOS	1
73	CUTTING SET TROLLEY	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	4
74	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
75	SPANNER-RING & D	41MM,46MM,50MM,55MM,60MM,65MM,70MM,75MM,80MM,85MM,90MM,95MM	TAPARIA/MEKASTER	NOS/EACH	2
76	TAP SET	3MM,4MM,5MM,6MM,8MM,10MM,12MM,16MM,20MM,24MM,27MM,30MM,36MM(METRIC/FINE)	TOTEM/JK	NOS/EACH	1
77	TAP WRENCH		TOTEM/JK	NOS	1
78	RING SPANNER	6MM-32MM	TAPARIA	SETS	4
79	D-SPANNER	6MM-32MM	TAPARIA	SETS	4
80	RIGHT ANGLE	6 & 12	TAPARIA	NOS	4
81	ELECTRODE BAKING OVEN(PORTABLE)	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	6
82	BEARING SCRAPPER HALF ROUND	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	TAPARIA	NOS	1
83	HACKSAW FRAME BIG	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	TAPARIA	NOS	1
84	HACKSAW FRAME MINI	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	TAPARIA	NOS	1
85	SHIM CUTTER	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	TAPARIA	NOS	3
86	CUTTING PLIER	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	TAPARIA	NOS	2
87	NOSE PLIER	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	TAPARIA	NOS	2
88	MONKEY PLIER	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	TAPARIA	NOS	1
89	CIRCLIP PLIER-SMALL	INTERNAL & EXTERNAL	TAPARIA	NOS	2
90	CIRCLIP PLIER-MEDIUM	INTERNAL & EXTERNAL	TAPARIA	NOS	2
91	CIRCLIP PLIER-LARGE	INTERNAL & EXTERNAL	TAPARIA	NOS	2
92	CONCRETE DRILL BIT	12MM,14MM,16MM	BOSCH/KPT	NOS/EACH	1
93	DRILL BIT SETS	6-12MM	BOSCH/KPT	SETS	1
94	HSS TAPER SHANK DRILL BITS	13MM TO 30MM	BOSCH/KPT	NOS/EACH	1
95	BEARING PULLER	8" & 12"	TAPARIA	NOS/EACH	2

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96	SCAFFOLDING PIPE	3 METRE		NOS	500
97	SCAFFOLDING PIPE	6 METRE		NOS	200
98	BATTERN			NOS	300
99	SCAFFOLDING CLAMPS	FIXED AND SWIVEL		NOS/EACH	2000
100	C-CLAMP	4",6",8",10",12"	TAPARIA	NOS/EACH	2
101	ALLEN KEY	1-10MM(BOX)	TAPARIA	SET	4
102	ALLEN KEY	12MM,14MM,17MM,19MM,22MM,24MM,27MM,30MM,32MM	TAPARIA	NOS/EACH	2
103	ALLEN KEY	1/6 TO 3/8 INCH	TAPARIA	SET	1
104	PIPE WRENCH	12"	TAPARIA	NOS	2
105	PIPE WRENCH	18"	TAPARIA	NOS	2
106	PIPE WRENCH	24"	TAPARIA	NOS	2
107	SCREW DRIVER	12'	TAPARIA	NOS	2
108	SCREW DRIVER	18"	TAPARIA	NOS	2
109	HAMMERS	4LB	TAPARIA	NOS	6
110	HAMMERS	10LB,22LB	TAPARIA	NOS/EACH	2
111	HAMMERS	33LB	TAPARIA	NOS/EACH	2
112	HAMMERS	44LB		NOS	1
113	ALUMNIUM LADDER 3 MTR	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT		NOS	2
114	TRUCK/TRAILER		TATA	NOS	1
115	NYLON HAMMERS	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	TAPARIA	NOS	3
116	GREASE GUN WITH HOSE AND NIPPLES	1KG,3KG,5KG		NOS/EACH	2
117	TOOL BOX WITH ALL HAND TOOLS	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	10
118	SINGLE ROPE PULLEY	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	5
119	LETTER PUNCH	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	1
120	NUMBER PUNCH	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	1
121	OIL BARREL PUMP	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	2
122	COPPER ROD	300MM -LENGTH.40MM-OD	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	4
123	ROPE LADDER	6M LENGTH	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	2
124	TRANSFORMER 24V	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	8
125	AIR BLOWER	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	2
126	MULTI METER DIGITAL	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	1
127	TWO CORE CABLE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	METRE	200
128	THREE CORE CABLE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	METRE	200
129	SWITCH BOARDS WITH MCB	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	12
130	HAND LAMP WITH 24 V	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	12
131	FILE FLAT	6" & 12" ROUGH	TAPARIA	NOS	1
132	FILE FLAT	6" & 12" SMOOTH	TAPARIA	NOS	1
133	FILE TRIANGLE	6" & 12" ROUGH	TAPARIA	NOS	1
134	FILE TRIANGLE	6" & 12" SMOOTH	TAPARIA	NOS	1
135	NEEDLE FILE SETS	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	TAPARIA	SET	1

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136	BEARING PULLER (HYDRAULIC)		SKF	NOS	1
137	BEARING HEATING MACHINE	20-100MM		NOS	1
138	BEARING HEATING MACHINE	60-600MM		NOS	1
139	RIVETING MACHINE	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	SUITABLE FOR SAFE & QUALITY WORK ENVIRONMENT	NOS	1
140	WATER LEVEL PIPE			METRE	50
141	PLUMB			NOS	2
142	TORQUE WRENCHES UPTO 3000 Nm			SET	1
143	MANUAL HYDRO PUMP UPTO 20 BAR			NOS	2
144	UT MACHINE FOR THICKNESS MEASUREMENT			NOS	1
145	HYDRA 16 TON			NOS	1
146	PICKUP			NOS	1
147	HYDRO JET PUMP SET UPTO 200 BAR FOR APH WW			NOS	1

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

