



ORISSA POWER GENERATION CORPORATION

Banharpali | Jharsuguda | Odisha (768234) |

Annexure: V

Minimum List of Tools & Plant for contract part-B

Sl. No.	DESCRIPTION	UOM	QTY
1	Multi meter (digital) make rishabh / fluke or other reputed make	No.	12
2	Box Spanner (6.25 & 12.5 mm ratchet)	Set	4
3	Ring Spanner (6 mm # 32 mm)	Set	12
4	Tubular Spanner 10, 11, 12, 15, 16, 16, 19, 20, 24, 25, 26 mm, etc.	No.	04 each
5	D-Spanner (6 mm # 32 mm)	Set	12
6	Allen Key (2.5 # 16 mm)	Set	6
7	Files-Flat file 6 # # & 12 # #	No.	04 each
8	Triangular files 6 # # & 12 # #	No.	04 each
9	Half round files 6 # # & 12 # #	No.	04 each
10	Round files 6 # # & 12 # #	No.	04 each
11	Needle file	Set	3
12	Screw Driver set complete range	Set	12
13	Combination pliers with insulating sleeve	No.	12
14	Nose pliers	No.	12
15	Circlip pliers	4 No. each inside & outside	
16	Torch lights (3 cell type)	No.	12
17	Hack saw with blades	Set	4
18	IR tester 500V (Kyoritsu/Megger)	No.	4
19	1000V (Kyoritsu/Megger)	No.	2
20	2.5kV (Kyoritsu/Megger)	No.	2
21	Vernier Calipers (Digital)	No.	1
22	Clamp on meter (0 to 1000 A) AC/DC (fluke/Rishabh/Kyoritsu make only.	No.	3
23	Chain pulley block, 5 Tonnes	No.	2
24	D-shackle 5 Tonnes	No.	4
25	Sling 5 Tonnes, 10 meters	No.	4
26	Chain pulley block,3 Tonnes	No.	2
27	Crimping tool (1.5 sq mm- 16 sq mm)	No.	6
28	Crimping tool (16sq mm- 35sq mm)	No.	1
29	Safety belts (full Body Harness)	10 No. (full size safety belt)	
30	Hydraulic crimping tool (50 sqmm-1000 sqmm)	No.	1
31	Motorised Megger, 5 kV (0.5 to 5 kV range, with valid calibration)	No.	1



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32	Discharge rod with cable(for HT 11 kV and LT 415 V)	6 No. each	
33	Air Blower, Bosch make	No.	4
34	Hot air blower, Bosch make	No.	2
35	Industrial vacuum cleaner	No.	2
36	welding machine	No.	3
37	Hand grinder with wheel	No.	4
38	Hand drill machine with different sizes bits	No.	2
39	Concrete drill machine(Hammering)	No	1
40	Hole-saw cutter with all accessories up to 80mm	Set	1
41	Jigsaw cutter	No	1
42	HT/LT hand gloves (of relevant is mark)	12 pairs each	
43	Hand glove for battery maintenance	No.	4
44	Supply extension boards (As per standard of OPGC)with sufficient	No.	10
45	Leakage Tester AC & (0-20) A – AC/DC (kyoritsu/fluke)	No.	2
46	Pipe Wrench (12,18,24 inch)	No.	01 each
47	Watch maker Screw Driver Set	No.	2
48	D-Shackles (2.0 Ton)	No.	2
49	D-Shackles (3.0 Ton)	No.	2
50	D-Shackles (10.0 Ton)	No.	2
51	M. S. Sling (2.0 Ton)	No.	2
52	M. S. Sling (3.0 Ton)	No.	2
53	M. S. Sling (10.0 Ton)	No.	2
54	Slogging Spanner (32,36,41,46,48,55,65,65 mm) Filter gauge 12"/6" (thickness 10 mm)	No.	01 each
55	Filler strip 0.02 mm – 0.3 mm	No.	04 each
56	Nylon Hammer	No.	1
57	Scissors	No.	2
58	Spray paint gun	No.	1
59	Chain pulley block (10.0 Tons)	No.	1
60	Dial gauge with magnetic base	Set	3
61	Gas cutting torch with hose pipe and regulators	Set	2
62	Shim cutter	No.	1
63	Copper rod 18" (Dia 15 mm)	No.	1
64	Copper rod 30-40mm	No.	01 each
65	Center punch,number punch,letter punch	No.	01 each
66	Chisel	No.	2
67	Hole punch 6mm – 24 mm	Set	1
68	Outside divider	No.	1
69	Ball peen hammer 1& 2 pound	No.	02 each
70	Hammer 10 pound	No.	1
71	Adjustable spanner 6 & 12" -	No.	04 each



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72	Hydraulic puller / Jack 50 T-	No.	1
73	Cooler cleaning Brush	As per requirement	
74	Hydraulic pump with pressure gauge (0 to 10 kg)	No.	1
75	Bearing Scrapper (Half round & triangular)	No.	01 each
76	Ropes of different sizes to cater the work	As per requirement	
77	Hydraulic jack 50T &100T with pump	No.	01 each
78	Bearing Puller for LT Motor (6",12" & 18")	No.	01 each
79	Vice	No.	1
80	Max Puller 3 T	No.	1
81	Heater/ Halogen for motor/Generator heating	As per requirement	
82	Hand Lamp/Switch board/ 24 V DC transformer	As per requirement	
83	Rotary cutter (Conical and straight)	As per requirement	
84	Box Spanner with extension (50,55,60,65)	No.	01 each
85	Gas (LPG +O2) Cylinder	Set	2
86	Hose pipe ½"&1"	50 meter each	
87	Belt sling- 5 T & 10 T	No.	02 each
88	Nut Driver set	No.	02

Note: All testing tools calibration certificate arrangement is in Contractor's responsibility and every six month all testing tools availability to be verified and signed by Engineer-in-charge (EIC). If any non-standard tools are used by the Contractor, penalty will be levied on Contractor.

The above mentioned minimum quantity of tools, tackles and equipment has to be maintained by the contractor at the Owner's site throughout the contract period and has to be replenished by the contractor as and when the quantity is consumed. The T&P and equipment as specified above are not exhaustive and the contractor has to deploy additional consumables, T&P as per site requirement to complete the scope of work in all respects, without any financial implication to Owner.