

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR - 22
[Electrical Division]
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PRICE BID FOR THE WORK UNDER SL. NO :- 01 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 4-E+4-F TYPE QUARTERS AT PARLAKHEMUNDI POLICE STATION AND 6-E TYPE QUARTERS OF RESERVE OFFICE, GAJAPATI.

BID REF NO.- 87/PM/ELECT/OPHWC/2023-24

NAME & ADDRESS OF THE FIRM	
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SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS. 2023-24	AMOUNT IN RS.
PART-I	3 phase 3W 11 KV line with 80 sq. mm AAAC -0.02 Km				
1	Disc insulator 45 KN (T&C) Polymer	No.	3	1118.00	3354.00
2	11 KV HW fitting (T&C)45 KN	No	3	169.00	507.00
3	80 sq. mm AAAC	Km	0.0618	55900.00	3454.62
4	PG clamp for 55 sq. mm AAAC	No	3	624.00	1872.00
5	GI Nuts and Bolts of assorted size	Kg	2	101.40	202.80
6	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1000.00
					10390.42
PART-II	Installation of 250 KVA 11/0.4KV sub station - 1 No.				
7	11 Mtr Long (160X152)mm WPB Pole(30.44 Kg/mtr)for support	No	2	34321.52	68643.04
8	Top Pressure Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)	K.g	51.52	84.50	4353.44
9	Transformer mounting Channel 100x50x6mm channel 2.8 mtr long,2 Nos.(9.2K.g/mtr)	K.g	51.52	84.50	4353.44
10	AB switch &HG fuse mounting channel(75x40x6)mm,2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	84.50	6435.52
11	Transformer belting 50x50x6 mm Angle 4.5 Kg/Mtr. 2.8 Mtr. Long 2 Nos.,with side angle(7 Mtr. Long)	K.g	31.5	84.50	2661.75
12	Cantilever channel for supporting HG Fuse 75x40x6 mm 1 Mtr. Long 2 Nos.(6.8 Kg/mtr.)	K.g	13.6	84.50	1149.20

13	Cantilever channel for supporting HG Fuse 75x40x6 mm 1 Mtr. Long 2 Nos.(4.5Kg/mtr.)	Kg	13.5	84.50	1140.75
14	Angle for mounting LT Distribution Box (50x50x6)mm 1 mtr. Long 2 No.(4.5 Kg/Mtr.)	Kg.	7	84.50	591.50
15	Galvanisation of all Ms and RS materials	Kg	244.8	13.00	3182.40
16	11KV AB switch(3 pole,400 Amp,50Hz)	Set	1	15405.00	15405.00
17	11KV HG fuse (3 pole,400 Amp)with PI	Set	1	14989.00	14989.00
18	Disc insulator 45 KN (T&C) Polymer	No.	3	1118.00	3354.00
19	11 KV HW fitting (T&C)45 KN	No	3	169.00	507.00
20	25x6 mm GI flat(for others)	Kg	40	97.50	3900.00
21	25x4 mm GI flat(for LA)	Kg	8	97.50	780.00
22	12KV 10KA LA	No.	3	4615.00	13845.00
23	Earthing coil type	No	2	215.80	431.60
24	HT stay set complete	No.	2	1365.00	2730.00
25	11KV stay insulator	No.	2	65.00	130.00
26	7/10 SWG stay wire, Grade-2	Kg	20	97.50	1950.00
27	HT stay clamp (1.9 Kg/Pair)	pair	2	162.50	325.00
28	80 sq. mm AAAC	Km	0.01	55900.00	559.00
29	250 KVA 11/0.4 KV (AL) Transformer with BIS Energy Level-II	No	1	348985.00	348985.00
30	LT Distribution Box with MCCB, Aluminium Bus Bar for 3 bay with Kitkat fuse for 250 KVA S/S .	No	1	62400.00	62400.00
31	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	7	1365.00	9555.00
32	3.5 core 300 sq. mm LT PVC cable(Unarmoured)	Mtr.	15	1292.20	19383.00
33	PG clamp for 55/80 sq. mm AAAC	No	3	624.00	1872.00
34	Fish plate, 0.661 Kg/item	Kg	6	64.44	386.64
35	Danger Board	No.	2	104.00	208.00
36	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6018	97.50	58.68
37	GI 2 ply ,2.5 mm dia Barbed wire for anticlimbing device	Kg	6	104.00	624.00
38	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.4072	97.50	234.70
39	GI Nuts and Bolts of assorted size	Kg	25	101.40	2535.00
40	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1000.00
					598658.66
PART-III	Construction of LT 3ph 6 W line using 4x95+1x95+1x16 sqmm XLPE AB Cable=0.5 Km				
41	9 Mtr Long 300 Kg PSC Pole	No	13	3900.00	50700.00
42	8 Mtr Long 200 Kg PSC Pole(For stud purpose)	No	3	2600.00	7800.00
43	RCC Base plate	No	16	364.00	5824.00
44	Clamp for stud Pole	Pair	3	143.00	429.00
45	4x95+1x95+1x16 sqmm XLPE AB Cable	Km	0.53	421670.00	221376.75

46	L.T Stay set (Complete)	Set	5	676.00	3380.00
47	L.T Stay Insulator	No.	5	39.00	195.00
48	L.T Stay Clamp(1.4 K.g/Pair)	Pair	5	143.00	715.00
49	7/12 SWG Stay Wire	Kg	40	97.50	3900.00
50	Suspension clamp with I Hook	No.	13	442.00	5746.00
51	Dead end clamp suitable for XLPE cable	No	12	162.50	1950.00
52	Pole clamp for eye Hook for AB cable	pair	13	260.00	3380.00
53	Piercing Connector	No	42	104.00	4368.00
54	Neutral Connector	No	14	42.90	600.60
55	Earthing support coil type	No	13	215.80	2805.40
56	Danger Board	No.	13	104.00	1352.00
57	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	3.912	97.50	381.42
58	GI 2 ply ,2.5 mm dia Barbed wire for anticlimbing device	Kg	39	104.00	4056.00
59	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	15.65	97.50	1525.88
60	GI Nuts and Bolts of assorted size	Kg	10	101.40	1014.00
61	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	500.00	500.00
					321999.05
	A.Sub Total Rs.				9,31,048.12
B	Stock,storage and insurance (@3% on A)				27931.44
C	TOTAL RS.				958979.57
D	T&P @ 2% of C				19179.59
E	Contigency @ 3% of C				28769.39
F	Transportation @ 7.5% of C				71923.47
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				80415.61
H	TOTAL RS.				1159267.62
62	Cement Concrete for stud & stay anchor plate CC 1:3:6 by using 4 cm size Hard granite metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3 cum	Nos.	10	1270.00	12700.00
63	Cement Concreting for support with C.C. 1:3:6 by using 4cm size hard granite metall= 0.45Mtr.x 0.45Mtrx1.5 mtr= 0.3 cum	Nos.	13	1270.00	16510.00
64	Couping of with C.C1:3:6 by using 12 mm size hard broken granite chips=0.3x0.3x0.45 Mtr.=0.04005 cum	Nos.	2	190.00	380.00
65	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1600.00	11200.00
66	Brick wall Boundaring 9size=(10'x12'x5')with fixing of iron grill gate	No	1.00	36,099.00	36099.00

67	Sand and metal spreading	Ls	1.00	2,000.00	2000.00
68	Plinth for 250 KVA S/S	Ls	1.00	21,269.55	21269.55
				Total Rs.	1,00,158.55
69	Dismantling of 100 KVA S/S	No	1	3,000.00	3,000.00
70	Dismantling of LT Cable	Span	12	400.00	4,800.00
	Total Rs.				12,67,226.17
	Cess @1%				12,672.26
	Total Estimated Cost				12,79,898.43
	Total Estimated Cost in Figures				12,79,898.00
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)	_____ %			
Quoted Amount in Figure					
Quoted Amount in word					

N:B- The Estimated cost is exclusive of GST .

Signature of Tenderer with seal

Sd/-
Asst. Project Manager (Elect)

Sd/-
DM I/C (Elect)

Sd/-
Project Manager(Elect.)