

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 :- 02 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 6-F+1-E TYPE QTRS. AT EXCISE STATION,KASINAGAR IN TE DIST. OF GAJAPATI.

BID REF NO.- 63/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 55 sq. mm AAAC -0.015 Km				
1	10 Mtr Long (150x150)mm RS Joist Pole(34.6 Kg/mtr)for support	No	1	29237.00	29237.00
2	G.I Base plate (500x500x10)mm (20 Kg each)	No	1	1950.00	1950.00
3	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1053.00	1053.00
4	11 KV F clamp 2.9 Kg each	No	1	312.00	312.00
5	GI Back clamp for 11 KV V Cross Arm	No.	1	104.00	104.00
6	100x50x6 mm GI channel for straight cross arm,1.45 Mtr.,9.2 Kg/Mtr.(2 Nos.)including top piece	Kg	26.68	84.50	2254.46
7	Galvanisation of all Ms and RS materials	Kg	385.78	13.00	5015.14
8	Disc insulator 45 KN (T&C) Polymer	No.	3	1118.00	3354.00
9	11 KV HW fitting (T&C)45 KN	No	3	169.00	507.00
10	11KV Pin Insulator polymer	No.	3	260.00	780.00
11	HT stay set complete	No.	1	1365.00	1365.00
12	11KV stay insulator	No.	1	65.00	65.00
13	7/10 SWG stay wire, Grade-2	Kg	10	97.50	975.00
14	HT stay clamp (1.9 Kg/Pair)	pair	1	162.50	162.50
15	Earthing support coil type	No	1	215.80	215.80
16	55 sq. mm AAAC	Km	0.04635	39000.00	1807.65
17	PG clamp for 55 sq. mm AAAC	No	3	624.00	1872.00
18	Fish plate(0.661 Kg/item)	No	6	64.44	386.64
19	Danger Board	No	1	104.00	104.00
20	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.3009	97.50	29.34
21	GI 2 ply ,2.5 mm dia Barbed wire for anticlimbing device	Kg	3	104.00	312.00

22	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.2036	97.50	117.35
23	GI Nuts and Bolts of assorted size	Kg	5	101.40	507.00
24	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1000.00
					53485.88
PART-II	Installation of 63 KVA 11/0.4KV sub station - 1 No.				
25	10 Mtr Long (150x150)mm RS Joist Pole(34.6 Kg/mtr)for support	No	2	29237.00	58474.00
26	G.I Base plate (500x500x10)mm (20 Kg each)	No	2	1950.00	3900.00
27	Top Pressure Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)	K.g	51.52	84.50	4353.44
28	Transformer mounting Channel 100x50x6mm channel 2.8 mtr long,2 Nos.(9.2K.g/mtr)	K.g	51.52	84.50	4353.44
29	AB switch &HG fuse mounting channel(75x40x6)mm,2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	84.50	6435.52
30	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
31	GI angle for mounting LT Distribution Box 35x35x5 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr. .	K.g	13.5	84.50	1140.75
32	Galvanisation of all Ms and RS materials	Kg	916.2	13.00	11910.60
33	11KV AB switch(3 pole,200 Amp,50Hz)	Set	1	9555.00	9555.00
34	11KV HG fuse (3 pole,200 Amp)with PI	Set	1	7956.00	7956.00
35	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	7	1365.00	9555.00
36	25x6 mm GI flat(for others)	Kg	30	97.50	2925.00
37	25x4 mm GI flat(for LA)	Kg	8	97.50	780.00
38	HT stay set complete	No.	2	1365.00	2730.00
39	11KV stay insulator	No.	2	65.00	130.00
40	7/10 SWG stay wire, Grade-2	Kg	20	97.50	1950.00
41	HT stay clamp (1.9 Kg/Pair)	pair	2	162.50	325.00
42	Disc insulator 45 KN (T&C) Polymer	No.	3	1118.00	3354.00
43	11 KV HW fitting (T&C)45 KN	No	3	169.00	507.00
44	12KV 5KA LA	No.	3	2925.00	8775.00
45	LT Distribution Box with MCCB, Aluminium Bus Bar for single bay with Kitkat fuse for 63 KVA S/S .	No	1	23818.60	23818.60
46	63 KVA 11/0.4 KV (AL) Transformer with BIS Energy Level-II	No	1	112450.00	112450.00
47	3.5 core 120 sq. mm LT PVC cable(un armoured)	Mtr.	15	543.40	8151.00
48	PG clamp for 55 sq. mm AAAC	No	3	624.00	1872.00
49	Danger Board	No.	2	104.00	208.00

50	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
51	GI 2 ply ,2.5 mm dia Barbed wire for anticlimbing device	Kg	6	104.00	624.00
52	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
53	GI Nuts and Bolts of assorted size	Kg	25	101.40	2535.00
54	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1000.00
					292723.48
PART-III	Construction of LT 3ph 5 W line using 3x50+1x35+1x16 sqmm XLPE AB Cable=0.28 Km				
55	9 Mtr Long 300 Kg PSC Pole	No	7	3900.00	27300.00
56	8 Mtr Long 200 Kg PSC Pole(For stud purpose)	No	4	2600.00	10400.00
57	RCC Base plate	No	11	364.00	4004.00
58	Clamp for stud Pole	Pair	8	143.00	1144.00
59	3x50+1x35+1x16 sqmm XLPE AB Cable	Km	0.29	182000.00	53508.00
60	L.T Stay set (Complete)	Set	2	676.00	1352.00
61	L.T Stay Insulator	No.	2	39.00	78.00
62	L.T Stay Clamp(1.4 K.g/Pair)	Pair	2	143.00	286.00
63	7/12 SWG Stay Wire	Kg	16	97.50	1560.00
64	Suspension clamp with I Hook	No.	3	442.00	1326.00
65	Dead end clamp suitable for XLPE cable	No	8	84.50	676.00
66	Pole clamp for eye Hook for AB cable	pair	1	260.00	260.00
67	Earthing support coil type	No	7	215.80	1510.60
68	Danger Board	No.	7	104.00	728.00
69	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.1063	97.50	205.36
70	GI 2 ply ,2.5 mm dia Barbed wire for anticlimbing device	Kg	21	104.00	2184.00
71	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	8.4252	97.50	821.46
72	GI Nuts and Bolts of assorted size	Kg	3	101.40	304.20
73	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	500.00	500.00
					108147.62
	A.Sub Total Rs.				4,54,356.98
B	Stock,storage and insurance (@3% on A)				13630.71
C	TOTAL RS.				467987.69
D	T&P @ 2% of C				9359.75
E	Contingency @ 3% of C				14039.63
F	Transportation @ 7.5% of C				35099.08
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				40373.58
H	TOTAL RS.				566859.73

19	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.	9	1270.00	11430.00
20	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.	10	1270.00	12700.00
	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.	3	190.00	570.00
21	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1600.00	11200.00
22	Brick wall Boundaring 9size=(10'x12'x5')with fixing of iron grill gate	No	1.00	36,099.00	36099.00
23	Sand and metal spreading	Ls	1.00	2,000.00	2000.00
				Total Rs.	73,999.00
	Total Rs.				6,40,858.73
	Total Estimated Cost in Figures				6,40,859.00
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/-
Asst. Project Manager (Elect) (Hqr)

Sd/-
Project Manager(Elect.)