

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 :- 04 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO OUT POST BUILDING AT RANIGUDA IN THE DISTRICT OF KORAPUT.

BID REF NO.- 50/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	11 KV LINE				
1	9 Mtr Long 300 KG PSC Pole	No	8	3900.00	31,200.00
2	11 Mtr. Long 150x150 mm RS Joist Pole ,30.6 Kg per meter	No	2	28442.70	56,885.40
3	13 Mtr. Long 150x150 mm RS Joist Pole ,34.6 Kg per meter	No	3	38008.10	114,024.30
4	Base Plate	No	8	364.00	2,912.00
5	Base Plate(500x50x100)for Joist Pole	No	5	1950.00	9,750.00
6	Earthing support coil type	No	13	215.80	2,805.40
7	11 KV 'V' cross arm(10.2 Kg each)	No.	7	1053.00	7,371.00
8	GI Back clamp for 11 KV V Cross Arm	No.	7	104.00	728.00
9	Top F clamp for PSC Pole ,2.9 Kg	No.	7	312.00	2,184.00
10	11KV Pin Insulator polymer	No.	39	260.00	10,140.00
11	Disc insulator 45 KN (B&S) Polymer	No.	12	1118.00	13,416.00
12	11 KV HW fitting (B&S)2 bolted	No	12	338.00	4,056.00
13	100x50x6 mm channel for straight cross arm,1.2 Mtr.,cut point 5 Nos.(1No. Right angle,3 Nos.,Pinpoint cutpoint)	Kg	103.04	84.50	8,706.88
14	HT stay set complete	No.	4	1365.00	5,460.00
15	11KV stay insulator	No.	4	65.00	260.00
16	HT stay clamp (1.9 Kg/Pair)	pair	4	162.50	650.00
17	7/10 SWG stay wire, Grade-2	Kg	40	97.50	3,900.00
18	GI Nuts and Bolts of assorted size	Kg	30	101.40	3,042.00
19	55 sq. mm AAAC	Km	1.854	39000.00	72,306.00
20	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long	No	2	1365.00	2,730.00
21	No. 6 GI wire for earthing	Kg	20	97.50	1,950.00
22	Danger board	No	13	104.00	1,352.00
23	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	39	104.00	4,056.00
24	PG clamp for 55 sq. mm AAAC	No	9	624.00	5,616.00

25	3Cx50 sq. mm 11 Kv XLPE cableK(armoured)A2FX Y(double Circuit)	Mtr.	100	527.80	52,780.00
26	Heat shrinkable jointing kit for 3Cx50 sq. mm 11 KV XLPE cable (outdoor)type	No.	4	14233.70	56,934.80
27	7/10 SWG GI Saty wire, grade-2	Kg	30	97.50	2,925.00
28	Clamp for XLPE cable	No	4	155.84	623.36
29	Holding clnap	No	4	162.50	650.00
30	11 KV LA(9 KV, 10 KA)	No	6	1300.00	7,800.00
31	Sundries (Danger Board, Anticlimbing Device etc.)	LS	1	1000.00	1,000.00
PART-II	25 KVA 11/0.4KV sub station				
32	9 Mtr. Long 300 KG PSC Pole	No	2	3900.00	7,800.00
33	Pressure Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)	K.g	51.52	84.50	4,353.44
34	Transformer mounting Channel 100x50x6mm channel 2.8 mtr long,2 Nos.(9.2K.g/mtr)	K.g	51.52	84.50	4,353.44
35	AB switch &HG fuse mounting channel(75x40x6)mm,2.8mtr long 4 No(6.8Kg/mtr)with Galvanisation	K.g	76.16	84.50	6,435.52
36	Transformer belting 50x50x6 mm angel 2.8 mtr long,2 Nos.(4.5K.g/mtr)with side angel total 7 Mtr.	Kg.	31.5	84.50	2,661.75
37	Angle for mounting LT Distribution Box (50x50x6)mm 1 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	9	84.50	760.50
38	Disc insulator 45 KN (B&S) Polymer	No.	3	1118.00	3,354.00
39	11 KV HW fitting (B&S)2 bolted	No.	3	338.00	1,014.00
40	11KV AB switch(3 pole,200 Amp,50Hz)	Set	1	9555.00	9,555.00
41	11KV HG fuse (3 pole,200 Amp)with PI	Set	1	7956.00	7,956.00
42	11 KV LA(9 KV, 10 KA)	No.	3	1300.00	3,900.00
43	LT Distribution box with MCCB, Aluminium Bus bar of single bay Kitkat Fuse for 25 KVA S/S	No	1	19409.00	19,409.00
44	HT stay set (Complete)	No.	2	1365.00	2,730.00
45	stay Insulator, Type-C	No.	2	65.00	130.00
46	Stay clamp	pair	2	162.50	325.00
47	7/10 SWG GI Saty wire, grade-2	Kg	20	97.50	1,950.00
48	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long	No	5	1365.00	6,825.00
49	Earthing coil for support	No	2	215.80	431.60
50	No. 6 GI wire for earthing	Kg	50	97.50	4,875.00
51	MS nut,bolt & washers	Kg	25	101.40	2,535.00
52	25 KVA ,11/0.4 Kv (AL) Transformer BIS Energy Level-II	No.	1	69940.00	69,940.00
53	50 sq. mm 1 core LT PVC cable(Armoured)	Mtr.	15	263.90	3,958.50
54	RCC Base plate for support	No	2	364.00	728.00
55	55 sq. mm AAC	Km	0.05	39000.00	1,950.00

56	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	104.00	624.00
57	Danger board	No	2	104.00	208.00
58	Sundries	LS	1	1000.00	1,000.00
PART-III	LT 3ph 5 W line using 3x35+1x25 sqmm XLPE AB Cable				
59	8 Mtr. Long 200 KG PSC Pole	No	2	2600.00	5,200.00
60	Base plate	No	2	364.00	728.00
61	Earthing device coil type	No	2	215.80	431.60
62	L.T Stay set (Complete)	Set	2	676.00	1,352.00
63	L.T Stay Insulator	No.	2	39.00	78.00
64	L.T Stay Clamp(1.4 K.g/Pair)	Pair	2	143.00	286.00
65	7/12 SWG Stay Wire	Kg	15	97.50	1,462.50
66	GI Nuts and Bolts of assorted size	Kg	0.945	101.40	95.82
67	3x35+1x25 sqmm LT XLPE AB Cable	Km	0.07	140400.00	10,319.40
68	Suspension clamp with I Hook	No.	2	442.00	884.00
69	Dead end clamp suitable for XLPE cable	No	2	84.50	169.00
70	Pole clamp for eye Hook for AB cable	pair	4	260.00	1,040.00
71	Sundries	LS	1	500.00	500.00
	A.Sub Total Rs.				680,523.21
B	Stock,storage and insurance (@3% on A)				20,415.70
C	TOTAL RS.				700,938.91
D	T&P @ 2% of C				14,018.78
E	Contingency @ 3% of C				21,028.17
F	Transportation @ 7.5% of C				52,570.42
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				62,242.76
H	TOTAL RS.				850,799.03
23	Concreting of stay set with C.C. 1:3:6 by using 40 mm size HBG metal= 0.45Mtr.x 0.45Mtrx1.5 mtr= 0.3037 cum	Nos.	8	1270.00	10,160.00
24	Couping with C.C. 1:3:6 by using 40 mm size HBG metal= 0.45Mtr.x 0.45Mtrx1.5 mtr= 0.3037 cum	Nos.	17	1270.00	21,590.00
	Padding and concreting material for support	Nos.	17	193.00	3,281.00
28	Materials for Massionary work for earth Pit, Charcoal, Salt etc for earthing	Nos	7	1600.00	11,200.00

29	Fencing and sand & metal spreading 1) RCC Pillar of 6ft Long 2) Cooping of Pillar with C.C 1:3:6 using 40mm HBG metal size 3) GI barbed wire @ 6.044 mtr/kg 6 Nos run=40 ft x 6= 240 ft = 73.152 mtr =12.10 kg 4) MS grill gate 1.5 mtr (h) x 1.5 mtr (w) made of 35x35x6 mm MS angel and 25x6 mm flat (Angel for out side border with horizontal & vertical crossing for i) 35x35x6 mm MS Angel= 1.5 mtr x 4=6@3 Kg/mtr=18 Kg. ii) 25x6 mm flat=1.5 mtrx8x2=24 mtr @ 1.2 Kg/Mtr=28 Kg iii) Painting of gate with 2coat. 5) Filling sand@ 1.359 Cmt 6) 40mm size HBG metal @0.679 Cmt.	No	1	16796.42	16,796.42
25	Dismantling of 8 Mtr. Long PSC Pole,11 KV Line	Nos.	9	972.00	8,748.00
	Dismantling of 34 sq. mm AAAC	Span	15	500.00	7,500.00
	Total Rs(PART-II)				79,275.42
	Total Estimated Cost				930,074.45
	Total Estimated Cost in Figures				930,074.00
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.)**