

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 6-E & 6-F TYPE STAFF QUARTERS AT KASHIPUR POLICE STATION IN THE DISTRICT OF RAYAGADA.

BID REF NO.-75/PM/ELECT/OPHWC/2025-26

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.	AMOUNT IN RS.
PART-I	3 phase 3W 11 KV line with 55 sq. mm AAAC-0.01 Km Including 1 No. Tapping Pole				
1	9 Mtr Long (160x152)mm WPB GI Pole (30.44 Kg/mtr)with base plate 300x300x12	No	1	25815.00	25815.00
2	Earthing Device coil type GI	No	1	235.72	235.72
3	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.262	106.50	27.90
4	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1150.20	1150.20
5	Back clamp for 11 KV V cross Arm	No.	1	113.60	113.60
6	11 KV F clamp 2.9 Kg each	No	1	340.80	340.80
7	11 Kv pin insulator Polymer	No	5	284.00	1420.00
8	Disc insulator 45 KN (B&S) Polymer	No.	3	1221.20	3663.60
9	11 KV HW fitting (B&S)45 KN, 2 Bolt	No	3	369.20	1107.60
10	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 2 Nos, 9.56 Kg/Mtr.	Kg	27.6	92.30	2547.48
11	GI Nuts and Bolts of assorted size	Kg	2	110.76	221.52
12	55 sq. mm AAAC	Km	0.0309	42600.00	1316.34
13	Danger Board	No	1	113.60	113.60
14	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	113.60	340.80
15	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.306	106.50	32.59
16	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	1.22	106.50	129.93

17	PG clamp for 55 sq. mm AAAC	Nos.	6	681.60	4089.60
18	Sundries(Pole Numbering, Zebra painting, Binding wire and other accessories)	Ls	1	500.00	500.00
	Total Rs.				43166.28
PART-II	Installation of 100 KVA 11/0.4KV sub station - 1 No.				
19	9 Mtr. Long 300 Kg PSC Pole	No	2	4260.00	8520.00
20	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	106.50	5486.88
21	Transformer mounting GI channel 100x50x5 mm-2.8 Mtr. Long,2 Nos.(9.56 Kg/mtr)	K.g	51.52	106.50	5486.88
22	AB switch & HG Fuse mounting GI channel(75x40x6)mm,each 2.8mtr long, 4 Nos. (6.8 Kg/mtr)	K.g	76.2	106.50	8115.30
23	Transformer Belting Angle(50x50x6)mm,each 2.8mtr long with side Angle @4.5 Kg/mtr	K.g	31.5	106.50	3354.75
24	LT DB Mounting Angle 50x50x6 mm of 4.5 Kg/mtr.	Kg	13.5	106.50	1437.75
25	11KV AB switch 3 pole(400 Amp, 50 Hz, Horizontal type)	Set	1	16827.00	16827.00
26	11KV HG fuse 3 pole(400 Amp, 3 pole, 50 Hz)with PI	Set	1	16372.00	16372.00
27	11 KV LA(9 KV, 10 KA)DH class	No.	3	1420.00	4260.00
28	Disc insulator 45 KN (B&S) Polymer	No.	3	1221.20	3663.60
29	11 KV HW fitting (B&S)45 KN	No	3	184.60	553.80
30	HT stay set (Complete)REC Construction standard	No.	4	1491.00	5964.00
31	HT stay Insulator, Type-C	No.	4	71.00	284.00
32	Stay clamp(1.9 Kg/Pair)	pair	4	177.50	710.00
33	7/10 SWG GI Stay wire, grade-2	Kg	40	106.50	4260.00
34	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1491.00	10437.00
35	25x6 mm GI flat for earthing	Kg	70	106.50	7455.00
36	LT Distribution box with MCCB, Aluminium Bus bar for 2 bay with Kitkat Fuse for 100 KVA S/S	No	1	34674.98	34674.98
37	100 KVA, 11/0.4 KV (AL) Transformer with Tap changer BIS Energy Level-II	No	1	166140.00	166140.00
38	GI Nuts, Bolts and washers of assorted size	Kg	25	110.76	2769.00
39	55 sq. mm AAAC	Km	0.05	42600.00	2130.00
40	150 sq. mm 1 core LT XLPE Cable(armoured)(From Transformer LT Bushing to LTDB I/C and LTDB O/G to Zero Pole)	Mtr.	40	298.20	11928.00
41	Earthing Device coil type GI	No	2	235.72	471.44
42	No.6 GI wire	Kg	0.524	106.50	55.81
43	Danger Board	No.	2	113.60	227.20

44	Base plate for support	No.	1	408.00	408.00
45	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6018	106.50	64.09
46	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
47	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.2036	106.50	128.18
48	Sundries(Pole Numbering, Zebra painting, Binding wire and other acessories)	Ls	1	2000.00	2000.00
	Total Rs.				324,866.27
PART-III	LT LINE-0.2 Km(4x50+1x50+1x16) sq. mm AB Cable				
49	8 Mtr. Long 200 KG PSC Pole	No	7	2840.00	19880.00
50	4x50+1x50+1x16 sqmm AB Cable	Mtr.	210.00	206.22	43306.20
51	Pole clamp for eye Hook for AB cable	No	8	284.00	2272.00
52	Dead end clamp suitable for XLPE cable	No	4	92.30	369.19
53	Eye hook for AB Dead End cable	No.	4	85.20	340.81
54	Suspension clamp with I Hook for ABC	No.	4	482.80	1931.20
55	L.T Stay set (Complete)	Set	4	738.40	2953.60
56	L.T Stay Insulator	No.	4	42.60	170.40
57	L.T Stay Clamp(1.4 K.g/Pair)	Pair	4	156.20	624.80
58	7/12 SWG Stay Wire	Kg	32	106.50	3408.00
59	Base plate for support	No.	7	408.00	2856.00
60	GI Nuts and Bolts of assorted size	Kg	6	110.76	664.56
61	Earthing device coil type(GI)	No	7	235.72	1650.04
62	No. 6 GI wire for earthing	Kg	1.834	106.50	195.32
63	Insulated piercing connector.Type-A-main 16 to 95 sq.mm to Tap-16 to 95 to 10 sq.mm	No	7	113.60	795.21
64	Insulated piercing connector.Type-B-main 16 to 95 sq.mm to Tap-2.5 to 10 sq.mm	No	7	56.80	397.58
65	Danger Board	No.	7	113.60	795.20
66	GI clamp for Danger Board GI Flat (25x3 @ 0.6 Kg/Mtr.)510 mm Length(0.306 Kg/piece)	Kg	2.1063	106.50	224.32
67	Sundries(Zebra painting, Piercing connector, Insulation Tape and other acessories)	Ls	1	1000.00	1000.00
	Total Rs.				83,834.43
	A.Sub Total Rs.				451,866.98
B	Stock,storage and insurance (@3% on A)				13556.01
C	TOTAL RS.				465422.99
D	T&P @ 2% of C				9308.46

E	Contingency @ 3% of C				13962.69
F	Transportation @ 7.5% of C				34906.72
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				39581.81
H	TOTAL RS.				563182.67
68	Cement concrete for Stud/Stay Anchor Plate with (1:2:4),0.2 cum @6177.92	Nos.	8	1329.77	10638.16
69	Couping of poles in ratio 1:1:5:3, 0.1125 cum @6400	Nos.	10	748.00	7480.00
70	Concreting of PSC poles in ratio 1:1:5:3=0.375 cum @6400	Nos.	10	2493.98	24939.80
71	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1600.00	11200.00
72	Brick Boundary wall with Gate	Mtr.	12	7300.12	87601.42373
					141859.38
	Sub Total Rs.				705,042.06
	Cess @ 1%				7,050.42
	Total Estimated Cost				712,092.48
	Total Estimated Cost in Figures				712,092.00
EXCESS	☐ LESS ☐ (Please Tick)	In Figure _____ % In word _____%			
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/-
Dy. Manager (Elect)**

**Sd/-
Project Manager (Elect)**