

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 8-F TYPE STAFF QUARTERS AT MATHILI FIRE STATION IN THE DISTRICT OF MALKANGIRI.

BID REF NO.-66/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-0.1 Km				
1	9 Mtr. Long 300 KG PSC Pole	No	5	4,260.00	21,300.00
2	RCC base Plate	No	5	361.34	1,806.69
3	11 KV 'V' cross arm(10.2 Kg each)	No.	5	1,150.20	5,751.00
4	Back clamp for 11 KV V cross Arm	No.	5	113.60	568.00
5	11 KV F clamp 2.9 Kg each	No	5	340.80	1,704.00
6	Danger Board	No	5	113.60	568.00
7	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.5	106.50	159.75
8	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	15	113.60	1,704.00
9	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	6.02	106.50	641.13
10	11 Kv pin insulator Polymer	No	15	284.00	4,260.00
11	HT stay set complete	No.	4	1,491.00	5,964.00
12	11KV stay insulator Polymer	No.	4	71.00	284.00
13	7/10 SWG stay wire	Kg	40	106.50	4,260.00
14	HT stay clamp (1.9 Kg/Pair)	pair	4	177.50	710.00
15	Earthing support coil type	No	5	235.72	1,178.60
16	GI Nuts and Bolts of assorted size	Kg	6	110.76	664.56
17	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	1.31	106.50	139.52

20	Black paint	Kg	1	312.40	312.40
21	Yellow colour paint	Ls	1	212.77	212.77
	Total Rs.				52,188.42
PART-II	LT LINE-0.02 Km(4x35+1x35+1x16) sq. mm AB Cable				
22	8 Mtr. Long 200 KG PSC Pole	No	7	2,840.00	19,880.00
23	RCC Base plate for support	No	7	361.34	2,529.37
24	4x35+1x35+1x16 sqmm AB Cable	Km	0.206	152,364.41	31,387.07
25	Danger Board	No.	7	113.60	795.20
26	GI clamp for Danger Board GI Flat (25x3 @ 0.6 Kg/Mtr.)510 mm Length(0.306 Kg/piece)	Kg	2.11	106.50	224.72
27	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	21	113.60	2,385.60
28	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	8.43	106.50	897.80
29	Pole clamp for eye Hook for AB cable	Pair	7	284.00	1,988.00
30	Suspension clamp with I Hook for ABC	No.	4	482.80	1,931.20
31	Eye hook for AB Dead End cable	No.	3	85.20	255.61
32	Dead end clamp suitable for XLPE cable	No	3	92.30	276.89
33	L.T Stay set (Complete)	Set	4	738.40	2,953.60
34	L.T Stay Insulator	No.	4	42.60	170.40
35	L.T Stay Clamp(1.4 K.g/Pair)	Pair	4	156.20	624.80
36	7/12 SWG Stay Wire	Kg	32	106.50	3,408.00
37	Earthing device coil type(GI)	No	7	235.72	1,650.04
38	No. 8 GI wire(dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	1.83	106.50	194.90
39	GI Nuts and Bolts of assorted size	Kg	3.5	110.76	387.66
	Total Rs.				71,940.85
PART-III	Upgradation of S/S from 63 KVA to 100 KVA 11/0.4KV sub station - 1 No.				
40	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	28.300	106.50	3,013.95
41	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	53.540	106.50	5,702.01
42	Transformer Base GI channel 100x50x5 mm-2.8 Mtr. Long,2 Nos.(9.56 Kg/mtr)	K.g	53.540	106.50	5,702.01
43	AB switch mounting GI channel(75x40x4.8)mm, each 2.8mtr long (7.14 Kg/mtr)	K.g	39.980	106.50	4,257.87
44	HG fuse mounting GI channel (75x40x4.8)mm, each 2.8mtr long (7.14 Kg/mtr)	K.g	39.980	106.50	4,257.87
45	Transformer Belting Angle(50x50x6)mm,each 2.8mtr long with side Angle @4.5 Kg/mtr	K.g	25.200	106.50	2,683.80

46	Transformer Bottom Fixing Angle(50x50x6)mm,each 0.310 Mtr. long @4.5 Kg/mtr	K.g	2.790	106.50	297.14
47	AB Switch operating Pipe GI Channel support 75x40x4.8 mm, Length 0.625 Mtr.@7.14 Kg/Mtr.	Kg.	4.460	106.50	474.99
48	AB Switch Bottom support GI Channel 75x40x4.8 mm, Length 0.330 Mtr.@7.14 Kg/Mtr.	Kg.	4.710	106.50	501.62
49	Support GI Channel for TPMO operating Rod 75x40x4.8 mm of Length 0.388 Mtr.@7.14 Kg/mtr.	Kg.	5.540	106.50	590.01
50	LT DB supporting GI channel 75x40x4.8 mm of Length 3.0 Mtr @7.14 Kg/mtr.	Kg	21.420	106.50	2,281.23
51	11 KV LA(9 KV, 10 KA)DH class	No.	3	1,420.00	4,260.00
52	11KV AB switch 3 pole(200 Amp, 50 Hz, Horizontal type)	Set	1.000	10,437.00	10,437.00
53	11KV HG fuse 3 pole(200 Amp, 3 pole, 50 Hz)with PI	Set	1.000	8,690.40	8,690.40
54	LT Distribution box with MCCB, Aluminium Bus bar for 2 bay with Kitkat Fuse for 100 KVA S/S	No	1.000	34,674.98	34,674.98
55	HT stay set (Complete)REC Construction standard	No.	2	1,491.00	2,982.00
56	HT stay Insulator, Type-C	No.	2	71.00	142.00
57	Stay clamp(1.9 Kg/Pair)	pair	2	177.50	355.00
58	7/10 SWG GI Stay wire, grade-2	Kg	20	106.50	2,130.00
59	95 sq. mm 1 core LT XLPE Cable(armoured)	Mtr.	45	208.74	9,393.18
60	Disc insulator70 KN (B&S) Polymer	No.	6	1,633.00	9,798.00
61	11 KV HW fitting (B&S)70 KN, 3 Bolt	No	6	497.00	2,982.00
62	GI Nuts, Bolts and washers of assorted size	Kg	20	110.76	2,215.20
63	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1,491.00	10,437.00
64	100 KVA, 11/0.4 KV (AL) Transformer with Tap changer BIS Energy Level-II	No	1	166,140.00	166,140.00
65	25x6 mm GI flat for earthing	Kg	45	106.50	4,792.50
66	Danger Board	No.	2	113.60	227.20
67	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
68	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
69	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.407	106.50	256.35
	Total Rs.				300,420.99
A	Sub Total Rs.				424,550.26
B	Stock,storage and insurance (@3% on A)				12,736.51

C	TOTAL RS.				437,286.76
D	T&P @ 2% of C				8,745.74
E	Contingency @ 3% of C				13,118.60
F	Transportation @ 7.5% of C				32,796.51
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				39,414.01
H	TOTAL RS.				531,361.62
70	Cement concrete for Stay Anchor Plate with (1:2:4),0.2 cum @6177.92	Nos.	10	1,329.77	13,297.70
71	Couping of poles in ratio 1:1:5:3, 0.1125 cum @6400	Nos.	12	748.00	8,976.00
72	Concreting of poles in ratio 1:1:5:3=0.45 @6400	Nos.	12	2,493.32	29,919.86
73	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1,600.00	11,200.00
74	Brick Boundary wall	Mtr.	18	7,300.12	131,402.14
					194,795.70
75	Dismantling charges of 63 KVA S/S	No.	1	1,841.22	1,841.22
					1,841.22
	Sub Total Rs.				727,998.54
	Cess @ 1%				7,279.99
	Total Estimated Cost				735,278.52
	Total Estimated Cost in Figures				735,279.00
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)**