

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 PODIA FIRE STATION IN THE DISTRICT OF MALKANGIRI.

BID REF NO.-62/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-0.04 Km				
1	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 2 Nos, 9.56 Kg/Mtr.	Kg	22.94	106.50	2,443.11
2	Straight cross arm Top GI channel 100x50x6 mm , 0.306 Mtr. Each 2 Nos, 9.56 Kg/Mtr.	Kg	5.85	106.50	623.03
3	Fish Plate 50x8 mm, 0.97 Kg/Mtr.,each 0.280 mtr. Length	Kg	1.09	106.50	116.09
4	11 Kv pin insulator Polymer	No	3.00	284.00	852.00
5	GI Nuts and Bolts of assorted size	Kg	2.00	110.76	221.52
6	55 sq. mm AAAC	Km	0.12	42,600.00	5,265.36
7	Disc insulator70 KN (B&S) Polymer	No.	3.00	1,633.00	4,899.00
8	11 KV HW fitting (B&S)70 KN, 3 Bolt	No	3.00	497.00	1,491.00
11	Black paint	Kg	1.00	312.40	312.40
12	Yellow colour paint	Ls	1.00	212.77	212.77
	Total Rs.				16,436.27
PART-II	LT LINE-0.25 Km(4x50+1x50+1x16) sq. mm AB Cable Using Existing Pole				
13	4x50+1x50+1x16 sqmm AB Cable	Km	0.26	206,220.34	53,101.74
14	Pole clamp for eye Hook for AB cable	Pair	7	284.00	1,988.00
15	Suspension clamp with I Hook for ABC	No.	4	482.80	1,931.20
16	Eye hook for AB Dead End cable	No.	3	85.20	255.61
17	Dead end clamp suitable for XLPE cable	No	3	92.30	276.89
18	L.T Stay set (Complete)	Set	6	738.40	4,430.40
19	L.T Stay Insulator	No.	6	42.60	255.60
20	L.T Stay Clamp(1.4 K.g/Pair)	Pair	6	156.20	937.20
21	7/12 SWG Stay Wire	Kg	48	106.50	5,112.00
22	GI Nuts and Bolts of assorted size	Kg	4	110.76	443.04
				Total Rs.	68,731.68
PART-III	Installation of 100 KVA 11/0.4KV sub station - 1 No. -				

23	9 Mtr. Long 300 KG PSC Pole(Including transportation cost upto store)	No	2	4,260.00	8,520.00
24	RCC Base plate for support	No	2	361.34	722.68
25	Earthing Device coil type GI	No	2	235.72	471.44
26	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
27	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	53.54	106.50	5,702.01
28	AB switch mounting GI channel(75x40x4.8)mm,each 2.8mtr long (7.14 Kg/mtr)	K.g	39.98	106.50	4,257.87
29	HG fuse mounting GI channel(75x40x4.8)mm,each 2.8mtr long (7.14 Kg/mtr)	K.g	39.98	106.50	4,257.87
30	AB Switch operating Pipe GI Channel support 75x40x4.8 mm, Length 0.625 Mtr.@7.14 Kg/Mtr.	Kg.	4.46	106.50	474.99
31	AB Switch Bottom support GI Channel 75x40x4.8 mm, Length 0.330 Mtr.@7.14 Kg/Mtr.	Kg.	4.71	106.50	501.62
32	Support GI Channel for TPMO operating Rod 75x40x4.8 mm of Length 0.388 Mtr.@7.14 Kg/mtr.	Kg.	5.54	106.50	590.01
33	LT DB supporting GI channel 75x40x4.8 mm of Length 3.0 Mtr @7.14 Kg/mtr.	Kg	21.42	106.50	2,281.23
34	11 KV LA	No.	3	1,420.00	4,260.00
35	11KV AB switch 3 pole(200 Amp, 50 Hz, Horizontal type)	Set	1	10,437.00	10,437.00
36	11KV HG fuse 3 pole(200 Amp, 3 pole, 50 Hz)with PI	Set	1	8,690.40	8,690.40
37	LT Distribution box with MCCB, Aluminium Bus bar for 2 bay with Kitkat Fuse for 100 KVA S/S	No	1	34,674.98	34,674.98
38	HT stay set (Complete)REC Construction standard	No.	2	1,491.00	2,982.00
39	HT stay Insulator, Type-C	No.	2	71.00	142.00
40	Stay clamp(1.9 Kg/Pair)	pair	2	177.50	355.00
41	7/10 SWG GI Stay wire, grade-2	Kg	20	106.50	2,130.00
42	95 sq. mm 1 core LT XLPE Cable(armoured)	Mtr.	45	208.74	9,393.18
43	Disc insulator70 KN (B&S) Polymer	No.	6	1,633.00	9,798.00
44	11 KV HW fitting (B&S)70 KN, 3 Bolt	No	6	497.00	2,982.00
45	GI Nuts, Bolts and washers of assorted size	Kg	20	110.76	2,215.20
46	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1,491.00	10,437.00
47	100 KVA, 11/0.4 KV (AL) Transformer with Tap changer BIS Energy Level-II	No	1	166,140.00	166,140.00
48	25x6 mm GI flat for earthing	Kg	45	106.50	4,792.50
49	Danger Board	No.	2	113.60	227.20
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	106.50	64.09
51	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
52	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.				301,452.16
A	Sub Total Rs.				386,620.11

B	Stock,storage and insurance (@3% on A)				11,598.60
C	TOTAL RS.				398,218.71
D	T&P @ 2% of C				7,964.37
E	Contingency @ 3% of C				11,946.56
F	Transportation @ 7.5% of C				29,866.40
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				32,143.22
H	TOTAL RS.				480,139.27
53	Cement concrete for Stay Anchor Plate with (1:2:4),0.2 cum @6177.92	Nos.	8	1,329.77	10,638.16
54	Couping of poles in ratio 1:1:5:3, 0.1125 cum @6400	Nos.	2	748.00	1,496.00
55	Concreting of poles in ratio 1:1:5:3=0.45 @6400	Nos.	2	2,991.98	5,983.96
56	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	Nos.	7	1,600.00	11,200.00
57	Plinth for 100 KVA DTR.	No	1	28,000.00	28,000.00
58	Brick Boundary wall	Mtr.	18	7,300.12	131,402.14
					188,720.26
					668,859.53
	Cess @ 1%				6,688.60
	Total Estimated Cost				675,548.12
	Total Estimated Cost in Figures				675,548.00
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)**