

**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 4-E+6-F TYPE STAFF QUARTERS AT KHUNTA POLICE STATION IN THE DISTRICT OF MAYURBHANJ.

BID REF NO.- 84/PM/ELECT/OPHWC/2025-26

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
1	LT LINE -350 Mtr.				
1	9 mtr Long 150X150 mm GI Joist Pole(30.6 Kg/Mtr.)	No.	11	31058.92	341648.12
2	LT Stay set complete	Set	11	781.92	8,601.12
3	7/12 SWG GI stay wire	Kg	132	112.78	14,886.96
4	LT stay insulator	No.	11	165.40	1,819.40
5	LT stay clamp	No.	11	45.11	496.21
6	Pole clamp with I hook(ABC)	Pair	11	300.74	3,308.14
7	Eye Hook for XLPE Cable	No.	7	90.22	631.54
8	Dead end clamp	No.	4	97.74	390.96
9	Suspension clamp with I hook	No.	11	511.26	5,623.86
10	LT AB cable(3x50+1x35+1x16) sq. mm	Mtr.	350	210.52	73,682.00
11	Insulated Piercing connector, Type-A	Nos.	15	120.30	1,804.50
12	Coil Earthing	No	11	249.61	2,745.71
13	No. 8 GI wire(Dia 4.6 mm),0.131 KG/Mtr.	Kg	2.8	112.78	315.78
14	Danger plate (LT)	Nos.	11	120.30	1,323.30
15	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	3.3	112.78	372.17
16	GI barbed wire antilimbing device 3 Kg. Per support	Kg	33	120.30	3,969.90
17	Back Clamp for antilimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	Kg	17	112.78	1,917.26
18	GI Nuts, Bolts, & washers of different sizes	Kg	25	117.29	2,932.25

19	Black paint	Ltr	2	330.81	661.62
20	Yellow colour paint for Back ground	Ltr	2	162.00	324.00
A	Total Rs.				467,454.81
B	Stock, Storage & Insurance @ 3% of A				14,023.64
C	Sub Total (C=A+B)				481,478.45
D	Contingency @3% of C				14,444.35
E	T & P 2% of C				9,629.57
F	Transportation @ 7.5% of C				36,110.88
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				17,594.88
I	Erection Charges of other @ 10%				10,300.31
J	Sub Total				569,558.45
21	Fixing of LT complete stay set	No.	11	2,301.53	25,316.83
22	Concreting ratio 1:1:5:3(500x500x1500)mm	Cumtr.	4.125	6,500.00	26,812.50
					52,129.33
					621,687.78
II	INSTALLATION OF 100 KVA S/S.				
1	11 mtr Long 150X150 mm GI Joist Pole(34.6 Kg/Mtr.)	No.	2	42,921.13	85,842.26
2	Top GI Channel 100x50x6 mm	Kg	131.25	112.78	14,802.38
3	Channel 75x40x4.8 mm	Kg.	3.54	112.78	399.24
4	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg.	145.8	112.78	16,443.32
5	GI Angle 50x50x6 mm	Kg.	52.75	112.78	5,949.15
6	GI Flat 50x6 mm	Kg	154.81	112.78	17,459.47
7	100 KVA 11/0.4 KV(AL)Transformer BIS Energy Level-II	No.	1	175,932.00	175,932.00
8	LT Distrubution Box with MCCB, Aluminim Busbar of 2 Bay with kit kat Fuse for 100 KVA S/S.	No	1	36,718.85	36,718.85
9	55 sq. mm insulated AAAC	Mtr.	50	100.75	5,037.50
10	4 Core 95 sq. mm LT XLPE cable(Armoured)	Mtr	15	449.24	6,738.60
11	AB switch 11 KV 200A 3 pole, 50 Hz)	Set	1	11,052.20	11,052.20
12	HG Fuse(11 KV, 200A, 3 pole)	Set	1	9,202.22	9,202.22
13	PG clamp for 55 sq. mm AAA conductor	No.	3	721.78	2,165.34
14	11 KV B&S Hardware (70KN)	set	3	526.30	1,578.90
15	Disc insulator(B&S)70 KN Polymer	No	3	1,729.26	5,187.78
16	11 KV Lightning Arrester(12 KV,10KA)station class	No.	3	5,337.89	16,013.67
17	11 KV pin insulator Polymer	No.	3	300.74	902.22
18	HT stay set complete	Pair	2	1,578.89	3,157.78
19	HT Stay Insulator	No.	2	75.19	150.38

20	HT stay clamp	Pair	2	187.96	375.92
21	7/10 SWG Stay wire	Kg	30	112.78	3,383.40
22	GI Pipe for earthing 40mm dia 3mtr long	EA	5	1,578.89	7,894.45
23	GI Nut, Bolt & washers of different sizes	Kg	25	117.29	2,932.25
24	GI Barbed wire anticlimbing device 3 Kg	Kg	6	120.30	721.80
25	Back clamp for anticlimbing Device 25x3	Kg	2.4	112.78	270.67
26	Danger Plate(LT)	No.	2	120.30	240.60
27	Back clamp for Danger Plate,25x3 mm flat	Kg	0.6	112.78	67.67
28	Name Plate	No.	1	120.30	120.30
29	Black paint	Ltr	1	330.81	330.81
30	Yellow colour paint for Back ground	Ltr	2	162.00	324.00
A	Sub total Rs.				431,395.13
B	Stock, Storage & Insurance @ 3% of A				12,941.85
C	Sub Total (C=A+B)				444,336.98
D	Contingency @3% of C				13,330.11
E	T & P 2% of C				8,886.74
F	Transportation @ 7.5% of C				33,325.27
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				13,481.42
I	Erection Charges of other @ 10%				15,929.87
J	Sub Total				529,290.39
31	Painting of Pole in yellow & Black strip	Nos.	2	283.34	566.68
32	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.9	6,500.00	5,850.00
33	Couping ratio 1:1:5:3(500x500x1500)	M3	0.226	6,500.00	1,469.00
34	Fixing of stay set with 0.5 cum cement concrete	No.	2	2,301.53	4,603.06
35	Construction of earth chamber	No	5	4,603.05	23,015.25
36	Supply and erection of GI fencing with Gate as per TPNODL.	M2	15	3,682.00	55,230.00
37	Supply /Crimping/ Fixing Al lug	No.	6	92.06	552.36
	Total Rs.				620,576.74
III	CONSTRUCTION OF 11 KV LINE				
1	55 sq. mm AAAC XLPE Covered conductor	Mtr.	170	100.75	17,127.50
2	PG Clamp for 55 sq. mm AAAC	No.	3	721.78	2,165.34
3	11 KV Pin Insulator polymer	No.	6	300.74	1,804.44
4	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	1,729.26	5,187.78
5	11 KV H/W fitting polymer type	Pair	3	526.30	1,578.90
6	Top Channel 100x50x6 mm ,9.56Kg/Mtr.	Kg.	30	112.78	3,383.40
A	TOTAL MATERIAL COST				31,247.36
B	Stock, Storage & Insurance @ 3% of A				937.42

C	Sub Total (C=A+B)				32,184.78
D	Contingency @3% of C				965.54
E	T & P 2% of C				643.70
F	Transportation @ 7.5% of C				2,413.86
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				3,218.48
J	Sub Total				39,426.36
	Sub Total Rs.				1,281,690.88
	Cess @1%				12,816.91
	Total Estimated Cost				1,294,507.79
	Total Estimated Cost in Figures				1,294,508.00
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (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)**