

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR - 22
[Electrical Division]
Ph: 0674-2541545, 2542921, Fax: 0674-2541543
E-mail :- pmelectricalophwc2025@gmail.com, Website: www.ophwc.com

PRICE BID FOR THE WORK UNDER SL. NO :- 01 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO 1-D+6-F TYPE QUARTERS AT EXCISE STATION, PHULBANI IN THE DISTRICT OF KANDHAMAL.

BID REF NO.-52/PM/ELECT/OPHWC/2026-27

**NAME &
ADDRESS
OF THE
FIRM**

SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
	PART-A				
PART-I	3 phase 3W 11 KV line with 55 sq. mm Insulated covered conductor-0.1 Km				
1	11 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr)	No	3	34,321.52	1,02,964.56
2	11 KV V Cross Arm	No	2	1,101.60	2,203.20
3	Back clamp for 11 KV V Cross	No	2	108.80	217.60
4	F Clamp (Pole Top)	No	2	326.40	652.80
5	11 KV Disc insulator 45 KN (B&S) Polymer	No.	9	1,169.60	10,526.40
6	HT stay set complete	No.	3	1,428.00	4,284.00
7	11KV stay insulator	No.	3	68.00	204.00
8	HT stay clamp (1.9 Kg/Pair)	pair	3	170.00	510.00
9	7/10 SWG stay wire	Kg	30	102.00	3,060.00
10	1Cx55 sq. mm 11 KV XLPE covered conductor	Km	0.309	99,740.00	30,819.66
11	IPC for 11 KV conductor	No	9	371.00	3,339.00
12	Dead end clamp	No	9	890.00	8,010.00
13	Non metallic Ties 11 KV	No	9	286.00	2,574.00
14	11 KV Pin insulator Polymer	No	9	272.00	2,448.00
15	Earthing Device coil type GI	No	3	225.76	677.28
16	No.8 GI wire(dia 4.6 mm)0.131 Kg/Mtr.,2 Mtr. For connecting pole with coil earthing	Kg	0.786	102.00	80.17
17	Danger Board	No	3	108.80	326.40
18	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.903	102.00	92.11
19	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	9	108.80	979.20
20	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	3.611	102.00	368.32
21	GI Nuts & Bolts	Kg	5	106.08	530.40
22	Sundries (clamp, connectors, Binding tape etc.)	LS	1	1,000.00	1,000.00

					1,75,867.10
PART-II	Installation of 100 KVA 11/0.4KV sub station -1 No.				
23	11 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr)	No	2	34,321.52	68,643.04
24	Earthing Device coil type GI	No	2	225.76	451.52
25	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.524	102.00	53.45
26	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	102.00	5,255.04
27	AB switch &HG fuse mounting GI channel(75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	102.00	7,768.32
28	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr. .	Kg.	9	102.00	918.00
29	AB switch side support channel 100x50x6 mm ,9.2 Kg/Mtr.,each channel length 0.35 Mtr.,2 Nos required	Kg.	6.44	102.00	656.88
30	Channel support for down pipe 75x40x6 mm ,6.8 Kg/Mtr., each channel length 0.8 Mtr., 1 No. required.	K.g	5.44	102.00	554.88
31	Fish Plate 50x6 mm,2.36 Kg/Mtr.,each 0.280 mtr. Length	Kg	3.9648	102.00	404.41
32	11 KV Disc insulator 45 KN (B&S) Polymer	No.	3	1,169.60	3,508.80
33	11 KV HW fitting (B&S)45 KN	No	3	353.60	1,060.80
34	11KV AB switch 3 pole(200 Amp, 50 Hz)	Set	1	9,996.00	9,996.00
35	11KV HG fuse 3 pole(200 Amp)with PI	Set	1	8,323.20	8,323.20
36	11 KV LA(9 KV, 10 KA)	No.	3	1,360.00	4,080.00
37	HT stay set (Complete)REC Construction standard	No.	4	1,428.00	5,712.00
38	HT stay Insulator, Type-C	No.	4	68.00	272.00
39	Stay clamp(1.9 Kg/Pair)	pair	4	170.00	680.00
40	7/10 SWG GI Saty wire, grade-2	Kg	40	102.00	4,080.00
41	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1,428.00	9,996.00
42	25x6 mm GI flat(Neutral)	Kg	60	102.00	6,120.00
43	25x4 mm GI flat	Kg	10	102.00	1,020.00
44	55 sq. mm AAAC for jumpering	Km	0.05	40,800.00	2,040.00
45	PG clamp for 55 sq. mm AAAC	No	3	652.80	1,958.40
46	GI Nuts, Bolts and washers of assorted size	Kg	25	106.08	2,652.00
47	100 KVA, 11/0.4 KV (AL) Transformer with Tap changer BIS Energy Level-II	No	1	1,59,120.00	1,59,120.00
48	LT Distribution box with MCCB, Aluminium Bus bar for single bay with Kitkat Fuse for 100 KVA S/S	No	1	33,209.84	33,209.84
49	1cx120mm2 LT XLPE Cable 4nos 10mtr each.	Mtr.	40	239.36	9,574.40
50	Danger Board	No.	2	108.80	217.60
51	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6018	102.00	61.38

52	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	108.80	652.80
53	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.407	102.00	245.51
54	Sundries (Aluminium Binding tape, Paint, insulating tape, Binding tape, Allm. Cable socket etc.)	LS	1	1,000.00	1,000.00
	A.Sub Total Rs.				3,50,286.28
PART-III	Construction of LT 3ph 4W line using (3x50+1x35)mm2 XLPE AB Cable=0.187 Km				
55	9 Mtr Long 300 KG PSC Pole	No	7	4,080.00	28,560.00
56	RCC Base Plate	No	7	361.34	2,529.38
57	(3x50+1x35)mm2 XLPE AB Cable	Mtr.	196.35	176.80	34,714.68
58	L.T Stay set (Complete)	Set	4	707.20	2,828.80
59	L.T Stay Insulator	No.	4	40.80	163.20
60	L.T Stay Clamp(1.4 K.g/Pair)	Pair	4	149.60	598.40
61	7/12 SWG Stay Wire	Kg	28	102.00	2,856.00
62	Pole clamp for eye Hook for XLPE cable	No	11	272.00	2,992.00
63	Dead end clamp suitable for XLPE cable	No	8	170.00	1,360.00
64	Suspension clamp with I Hook	No.	3	462.40	1,387.20
65	Earthing Device coil type GI	No	7	225.76	1,580.32
66	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	1.834	102.00	187.07
67	GI Nuts, Bolt and washer	Kg	4	106.08	424.32
68	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	21	108.80	2,284.80
69	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	8.425	102.00	859.35
70	Danger Board	No.	7	108.80	761.60
71	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. ,1No.	Kg	2.106	102.00	214.81
72	Sundries (paint,clamp connectors, Binding tape)	LS	1	1,000.00	1,000.00
					85,301.93
	A.Sub Total Rs.				6,11,455.31
B	Stock,storage and insurance (@3% on A)				18,343.66

C	TOTAL RS.				6,29,798.96
D	T&P @ 2% of C				12,595.98
E	Contingency @ 3% of C				18,893.97
F	Transportation @ 7.5% of C				47,234.92
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				48,889.10
H	TOTAL RS.				7,57,412.93
73	Stay concreting in ratio(1:2:4)as per TPSODL specification and drawing =0.2 cum	Nos.	11	1,329.77	14,627.47
74	Concreting of 11 Mtr WPB Pole in ratio 1:1:5:3(500x500x1800mm)=0.45 cum+Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	5	3,739.98	18,699.90
75	Concreting of 8 Mtr./9 Mtr. PSC Pole in ratio 1:1:5:3(500x500x1500mm)=0.375 cum + Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	7	3,241.32	22,689.24
76	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1,600.00	11,200.00
77	Plinth for installation of 100 KVA DTR	Nos.	1	28,000.00	28,000.00
78	Construction of Boundary wall for fencing of DPM S/S in the size 5x4 Mtr. @ 7300.12/RM (as per TPSODL specification)	Nos.	18	7,300.12	1,31,402.16
	Sub Total Rs.				9,84,031.70
	Cess @ 1%				9,840.32
	Total Estimated Cost				9,93,872.02
	Total Estimated Cost in Figures				9,93,872.00
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)