

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**  
**JANAPATH, BHOINAGAR, BHUBANESWAR - 22**  
**[Electrical Division]**  
**Ph: 0674-2541545, 2542921, Fax: 0674-2541543**  
**E-mail :- pmelectricalophwc2021@gmail.com, Website: www.ophwc.nic.in**

**PRICE BID FOR THE WORK UNDER SL. NO :- 02 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 4 NOS E TYPE QUARTERS AT RAMAGIRI POLICE STATION IN THE DISTRICT OF GAJAPATI.**

**BID REF NO.- 04/PM/ELECT/OPHWC/2024-25**

**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.
<b>PART-I</b>	<b>3 phase 3W 11 KV line with 55 sq. mm AAAC -0.04 Km</b>				
1	9 Mtr Long 300 KG PSC Pole	No	1	4080.00	4080.00
2	RCC Base plate	No	1	408.00	408.00
3	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1101.60	1101.60
4	11 KV F clamp 2.9 Kg each	No	1	326.40	326.40
5	GI Back clamp for 11 KV V Cross Arm	No.	1	108.80	108.80
6	100x50x6 mm GI channel for straight cross arm,1.45 Mtr.,9.2 Kg/Mtr.(2 Nos.)including top piece	Kg	26.68	88.40	2358.51
7	Galvanisation of all Ms and RS materials	Kg	39.78	13.60	541.01
8	Disc insulator 45 KN (T&C) Polymer	No.	3	1169.60	3508.80
9	11 KV HW fitting (T&C)45 KN	No	3	176.80	530.40
10	11KV Pin Insulator polymer	No.	6	272.00	1632.00
11	HT stay set complete	No.	1	1428.00	1428.00
12	11KV stay insulator	No.	1	68.00	68.00
13	7/10 SWG stay wire, Grade-2	Kg	10	102.00	1020.00
14	HT stay clamp (1.9 Kg/Pair)	pair	1	170.00	170.00
15	Earthing support coil type	No	1	225.76	225.76
16	Danger Board	No	1	108.80	108.80
17	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. ,1No.	Kg	0.301	102.00	30.70
18	GI ply ,2.5 mm dia barbed wire for anticlimbing device	Kg	3	108.80	326.40
19	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	1.204	102.00	122.81
20	55 sq. mm AAAC	Km	0.1236	40800.00	5042.88
21	PG clamp for 55 sq. mm AAAC	No	6	652.80	3916.80
22	Fish plate 50X6 mm, 2.36 Kg/Mtr.. Each 0.280 Mtr. Length	No	3.96	102.00	403.92

23	GI Nuts and Bolts of assorted size	Kg	3	106.08	318.24
24	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1000.00
					<b>28777.83</b>
<b>PART-II</b>	<b>Installation of 25 KVA 11/0.4KV sub station - 1 No.</b>				
1	9 Mtr Long 300 KG PSC Pole	No	2	4080.00	8160.00
2	RCC Base plate	No	2	408.00	816.00

3	Earthing support coil type	No	2	225.76	451.52
4	Top Pressure Channel 100x50x6mm channel each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	102.00	5255.04
5	Transformer mounting GI channel 100x50x6 mm-2.8 Mtr. Long,2 Nos.(6.8Kg/mtr)	K.g	51.52	102.00	5255.04
6	AB switch &HG fuse mounting channel(75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	102.00	7768.32
7	Cantilever GI Channel for supporting AB switch Arm 75x40x6mm. 1 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	102.00	1387.20
8	Cantilever GI Angle for supporting AB Switch 50x50x6mm. 1 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	9	102.00	918.00
9	Transformer belting GI angle 50x50x6 mm-2.8 Mtr. Long,2 Nos.(4.5Kg/mtr)with side angle total 7 Mtr.	Kg	31.5	102.00	3213.00
10	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr. .	K.g	9	102.00	918.00
11	AB witch side support channel 100x50x6 mm GI channel (0.35Mtr Long)(9.56 kg/mtr,2 Nos.)	Kg	6.44	102.00	656.88
12	Channel support for down pipe 75x40x6 mm GI channel(6.8kg/mtr,1 Nos.)each channel length 0.8 Mtr.	Kg	5.44	102.00	554.88
13	Disc insulator 45 KN (T&C) Polymer	No.	3	1169.60	3508.80
14	11 KV HW fitting (T&C)45 KN	No	3	176.80	530.40
15	11KV AB switch( 3 pole,400 Amp,50Hz)	Set	1	9996.00	9996.00
16	11KV HG fuse (3 pole,400 Amp)with PI	Set	1	8323.20	8323.20
17	9 KV 5 KA LA	No.	3	1332.80	3998.40
18	HT stay set complete	No.	2	1428.00	2856.00
19	11KV stay insulator	No.	2	68.00	136.00
20	7/10 SWG stay wire, Grade-2	Kg	20	102.00	2040.00
21	HT stay clamp (1.9 Kg/Pair)	pair	2	170.00	340.00
22	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	7	1428.00	9996.00
23	25x6 mm GI flat(for others)	Kg	60	102.00	6120.00
24	25x4 mm GI flat(for Neutral)	Kg	10	102.00	1020.00
25	55 sq. mm AAAC for jumpering	Km	0.05	40800.00	2040.00
26	PG clamp for 55 sq. mm AAAC	No	3	652.80	1958.40
27	25 KVA 11/0.4 KV (AL) Transformer with BIS Energy Level-II	No	1	73168.00	73168.00
28	LT Distribution Box with MCCB, Aluminium Bus Bar for single bay with Kitkat fuse for 25 KVA S/S .	No	1	20304.80	20304.80
29	1 core 50 sq. mm LT XLPE cable, 4 Nos. ,10 Mtr. Each	Mtr.	40	239.36	9574.40
30	GI Nuts and Bolts of assorted size	Kg	25	106.08	2652.00
31	Danger Board	No	2	108.80	217.60

32	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. ,1No.	Kg	0.602	102.00	61.40
33	GI ply ,2.5 mm dia barbed wire for anticlimbing device	Kg	6	108.80	652.80
34	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	2.407	102.00	245.51
35	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1000.00
					<b>196093.60</b>
<b>PART-III</b>	<b>Construction of LT 3ph 6 W line using 4x35+1x35+1x16 sqmm XLPE AB Cable=0.42 Km</b>				
1	8 Mtr Long 200 KG PSC Pole	No	14	2720.00	38080.00
2	RCC Base plate	No	14	408.00	5712.00
3	1.1 KV(4x35+1x35+1x16) sqmm XLPE AB Cable	Km	0.44	157076.27	69270.64
4	L.T Stay set (Complete )	Set	3	707.20	2121.60
5	L.T Stay Insulator	No.	3	40.80	122.40
6	L.T Stay Clamp(1.4 K.g/Pair)	Pair	3	149.60	448.80
7	7/12 SWG Stay Wire	Kg	24	102.00	2448.00
8	Suspension clamp with I Hook	No.	9	462.40	4161.60
9	Dead end clamp suitable for XLPE cable	No	6	170.00	1020.00
10	Pole clamp for eye Hook for AB cable	pair	14	272.00	3808.00
11	Piercing connector	No	4	108.80	435.20
12	Neutral connector	No	4	44.88	179.52
13	Earthing device coil type	No	14	225.76	3160.64
14	Danger Board	No.	14	108.80	1523.20
15	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. ,1No.	Kg	4.213	102.00	429.73
16	GI ply ,2.5 mm dia barbed wire for anticlimbing device	Kg	42	108.80	4569.60
17	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	16.85	102.00	1718.70
18	GI Nuts and Bolts	Kg	8	106.08	848.64
19	Sundries	LS	1	500.00	500.00
					<b>140558.26</b>
	A.Sub Total Rs.				<b>3,65,429.69</b>
B	Stock,storage and insurance (@3% on A)				<b>10962.89</b>
C	TOTAL RS.				<b>376392.58</b>
D	T&P @ 2% of C				<b>7527.85</b>
E	Contigency @ 3% of C				<b>11291.78</b>
F	Transportation @ 7.5% of C				<b>28229.44</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				<b>39054.07</b>
H	TOTAL RS.				<b>462495.72</b>
20	Stay concreting in ratio 1:2:4 as per TPSODL specification and drawing = 0.2 cum@6177.92	Nos.	6	1235.58	7413.48

21	Concreting of 10/9 Mtr.Pole in ratio 1:1:5:3=0.375 cum @ 6400	Nos.	17	2400.00	40800.00
22	Couping of 10/9 Mtr.Pole in ratio 1:1:5:3=0.1125 cum	Nos.	17	720.00	12240.00
23	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1600.00	11200.00
24	Brick wall Boundaring (size=3 Mtr.x3 Mtr.x1.5 Mtr.)with fixing of iron grill gate etc(as per the TPSODL specification)	Mtr.	12.00	7,300.08	87600.96
25	Sand and metal spreading	Ls	1.00	2,000.00	2000.00
				Total Rs.	<b>1,61,254.44</b>
	<b>Sub Total Rs.</b>				<b>6,23,750.16</b>
	<b>Cess @ 1%</b>				<b>6,237.50</b>
	Total Estimated Cost				<b>6,29,987.66</b>
	Total Estimated Cost in Figures				<b>6,29,988.00</b>
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)				_____ %
	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/-  
D.M (Elect) I/C**

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