

**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 :- 03 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 4-E TYPE STAFF QUARTERS AT BARIPADA SADAR POLICE STATION IN THE DISTRICT OF MAYURBHANJ.**

**BID REF NO.-85/PM/ELECT/OPHWC/2025-26**

<b>NAME &amp; ADDRESS OF THE FIRM</b>	
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**SCHEDULE OF WORKS**

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
<b>I</b>	<b>LT LINE -120 Mtr.</b>				
1	9 mtr Long 150X150 mm GI Joist Pole(30.6 Kg/Mtr.)	No.	5	31058.92	155294.60
2	LT Stay set complete	Set	4	781.92	3127.68
3	7/12 SWG GI stay wire	Kg	74	112.78	8345.72
4	LT stay insulator	No.	4	165.40	661.60
5	LT stay clamp	No.	4	45.11	180.44
6	Pole clamp with I hook(ABC)	Pair	5	300.74	1503.70
7	Eye Hook for XLPE Cable	No.	8	90.22	721.76
8	Dead end clamp	No.	8	97.74	781.92
9	Suspension clamp with I hook	No.	2	511.26	1022.52
10	LT AB cable(3x50+1x35+1x16) sq. mm	Mtr.	126	210.52	26525.52
11	Insulated Piercing connector, Type-A	Nos.	24	120.30	2887.20
12	Coil Earthing	No	5	249.61	1248.05
13	No. 8 GI wire(Dia 4.6 mm),0.131 KG/Mtr.	Kg	0.943	112.78	106.35
14	Danger plate (LT)	Nos.	5	120.30	601.50
15	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	1.505	112.78	169.73
16	GI barbed wire anticlimbing device 3 Kg. Per support	Kg	15	120.30	1804.50
17	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	Kg	6.108	112.78	688.86
18	GI Nuts, Bolts, & washers of different sizes	Kg	10	117.29	1172.90
19	Black paint	Ltr	5	330.81	1654.05

20	Yellow colour paint for Back ground	Ltr	10	162.00	1620.00
<b>A</b>	Total Rs.				<b>210118.61</b>
<b>B</b>	Stock, Storage & Insurance @ 3% of A				<b>6303.56</b>
<b>C</b>	Sub Total (C=A+B)				<b>216422.16</b>
<b>D</b>	Contingency @3% of C				<b>6492.66</b>
<b>E</b>	T & P 2% of C				<b>4328.44</b>
<b>F</b>	Transportation @ 7.5% of C				<b>16231.66</b>
<b>G</b>	Erection Charges for PSC Pole @ 20%				
<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%				<b>7997.67</b>
<b>I</b>	Erection Charges of other @ 10%				<b>4378.38</b>
<b>J</b>	Sub Total				<b>255850.98</b>
<b>21</b>	Fixing of LT complete stay set	No.	4	<b>2301.53</b>	<b>9206.12</b>
22	Concreting ratio 1:1:5:3(500x500x1500)mm	Cumtr	1.875	<b>6500.00</b>	<b>12187.50</b>
					<b>21393.62</b>
					<b>277244.60</b>
<b>II</b>	<b>INSTALLATION OF 100 KVA S/S.</b>				
1	WPB GI Pole 160x152(11 Mtr. Long ,30.44 Kg/Mtr.)	No.	2	37762.42	75524.84
2	Top GI Channel 100x50x6 mm	Kg	131.25	112.78	14802.38
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	16443.32
5	GI Angle 50x50x6 mm	Kg.	52.75	112.78	5949.15
6	25x6 mm GI Flat	Kg	50	112.78	5639.00
7	GI Flat 50x6 mm	Kg	154.81	112.78	17459.47
8	100 KVA 11/0.4 KV(AL)Transformer BIS Energy Level-II	No.	1	175,932.00	175932.00
9	LT Distrubution Box with MCCB, Aluminim Busbar of 2 Bay with kit kat Fuse for 100 KVA S/S.	No	1	36718.85	36718.85
10	55 sq. mm insulated AAAC	Mtr.	50	100.75	5037.50
11	100 sq. mm insulated AAAC	Mtr.	50	131.36	6568.00
12	1.1KV 3.5 Core 120 sq. mm PVC cable(Armoured)	Mtr	15	628.52	9427.80
13	AB switch 11 KV 200A 3 pole, 50 Hz)	Set	1	11052.2	11052.20
14	HG Fuse(11 KV, 200A, 3 pole)	Set	1	9202.22	9202.22
15	PG clamp for 55 sq. mm AAA conductor	No.	6	721.78	4330.68
16	PG clamp for 100 sq. mm AAA conductor	No.	6	872.15	5232.90
17	IPC Connector for 55/100 sq. mm Insulated Conductor	No.	6	429.13	2574.78
18	11 KV B&S Hardware (70KN)	set	3	526.30	1578.90
19	Disc insulator(B&S)70 KN Polymer	No	3	1729.26	5187.78

20	11 KV Lightning Arrester(12 KV,10KA)station class	No.	3	5337.89	16013.67
21	11 KV pin insulator Polymer	No.	3	300.74	902.22
22	HT stay set complete	Pair	2	1578.89	3157.78
23	HT Stay Insulator	No.	2	75.19	150.38
24	HT stay clamp	Pair	2	187.96	375.92
25	7/10 SWG Stay wire	Kg	30	112.78	3383.40
26	No. 8 SWG GI Wire	Kg	1	112.78	112.78
27	GI Pipe for earthing 40mm dia 3mtr long	EA	5	1578.89	7894.45
28	GI Nut, Bolt & washers of different sizes	Kg	25	117.29	2932.25
29	GI Barbed wire anticlimbing device 3 Kg	Kg	6	120.30	721.80
30	Back clamp for anticlimbing Device 25x3	Kg	4.8	112.78	541.34
31	Danger Plate(LT)	No.	2	120.30	240.60
32	Back clamp for Danger Plate,25x3 mm flat	Kg	1.2	112.78	135.34
33	Name Plate	No.	1	120.30	120.30
34	Black paint	Ltr	1	330.81	330.81
35	Yellow colour paint for Back ground	Ltr	2	162.00	324.00
<b>A</b>	Sub total Rs.				<b>446398.05</b>
<b>B</b>	Stock, Storage & Insurance @ 3% of A				<b>13391.94</b>
<b>C</b>	Sub Total (C=A+B)				<b>459789.99</b>
<b>D</b>	Contingency @3% of C				<b>13793.70</b>
<b>E</b>	T & P 2% of C				<b>9195.80</b>
<b>F</b>	Transportation @ 7.5% of C				<b>34484.25</b>
<b>G</b>	Erection Charges for PSC Pole @ 20%				
<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%				<b>12950.03</b>
<b>I</b>	Erection Charges of other @ 10%				<b>18537.81</b>
<b>J</b>	Sub Total				<b>548751.58</b>
<b>36</b>	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.9	6500.00	5850.00
<b>37</b>	Couping ratio 1:1:5:3(500x500x1500)	M3	0.226	6500.00	1469.00
<b>38</b>	Fixing of stay set with 0.5 cum cement concrete	No.	2	2301.53	4603.06
<b>39</b>	Construction of earth chamber	No	5	4603.05	23015.25
<b>40</b>	Supply and erection of GI fencing with Gate as per TPNODL.	M2	15	3682.00	55230.00
	<b>Total Rs.</b>				<b>638918.89</b>
<b>III</b>	<b>CONSTRUCTION OF 11 KV LINE</b>				
1	55 sq. mm AAAC XLPE Covered conductor	Mtr.	154.500	100.75	15565.88
2	PG Clamp for 55 sq. mm AAAC	No.	3	721.78	2165.34
3	11 KV Pin Insulator polymer	No.	3	300.74	902.22
4	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	1729.26	5187.78
5	11 KV H/W fitting polymer type	Pair	3	526.3	1578.90

6	Non metallic Ties 11 KV	No	3	290.45	871.35
7	IPC connector 55/100 sq. mm insulated conductor	No	6	429.13	2574.78
8	100X50X6mm Top Channel 9.56 Kg/Mtr.	Kg.	25	112.78	2819.50
9	Fish plate GI channel 50x6 mm ,2.36 Kg/Mtr.	No.	4	112.78	451.12
10	GI nut,bolt & washer	Kg	2.5	117.29	293.23
A	TOTAL MATERIAL COST				32410.09
B	Stock, Storage & Insurance @ 3% of A				972.30
C	Sub Total (C=A+B)				33382.39
D	Contingency @3% of C				1001.47
E	T & P 2% of C				667.65
F	Transportation @ 7.5% of C				2503.68
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				3338.24
J	Sub Total				<b>40893.43</b>
I	<b>11 KV PIN POINTS WITH WPB</b>				
1	WPB GI Pole 160x152(11 Mtr. Long ,30.44 Kg/Mtr.)	No.	1	37762.42	37762.42
2	11 K.V. V cross arm	No.	1	1218.00	1218.00
3	Top Bracket 100x50x6 mm GI channel	EA	1	360.89	360.89
4	Danger plate (LT)	Nos.	1	120.30	120.30
5	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	0.301	112.78	33.95
6	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	3	120.30	360.90
7	Back clamp for Anticlimbing Device	Kg	1.204	112.78	135.79
8	11 KV Pin Insulator polymer	No.	3	300.74	902.22
9	Spike GI	No.	2	384.01	768.02
10	Non metallic Ties 11 KV	No	3	290.45	871.35
11	Earthing support coil type	No	1	249.61	249.61
12	No. 8 SWG GI Wire	Kg	0.262	112.78	29.55
13	GI nut,bolt & washer	Kg	1.45	117.29	170.07
14	Black paint	Ltr.	1	330.81	330.81
15	Yellow colour paint for Back ground	Ltr.	2	162	324.00
A	TOTAL MATERIAL COST				<b>43637.87</b>
B	Stock, Storage & Insurance @ 3% of A				1309.14
C	Sub Total (C=A+B)				44947.01
D	Contingency @3% of C				1348.41
E	T & P 2% of C				898.94

<b>F</b>	Transportation @ 7.5% of C				3371.03
<b>G</b>	Erection Charges for PSC Pole @ 20%				
<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%				1944.76
<b>I</b>	Erection Charges of other @ 10%				605.17
<b>J</b>	Sub Total				53115.32
16	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.45	6500.00	2925.00
17	Couping ratio 1:1:5:3(500x500x1500)	M3	0.113	6500.00	734.50
	<b>Total Rs.</b>				<b>56774.82</b>
	Sub Total Rs.				<b>1,013,831.74</b>
	Cess @1%				<b>10,138.32</b>
	Total Estimated Cost				<b>1,023,970.05</b>
	Total Estimated Cost in Figures				<b>1,023,970.00</b>
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)**