

**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 :- 02 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 18-E TYPE STAFF QUARTERS (6-E WITH STILT FLOOR- 3 BLOCKS) AT RESERVE OFFICE, MAYURBHANJ 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>Construction of 11 KV Line</b>				
1	11 Mtr. Long 160x152 mm GI WPB Pole	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	55 sq. mm AAAC XLPE Covered conductor	Mtr.	46.350	100.75	4669.76
5	PG clamp for 55 sq. mm AAA conductor	No	3	721.78	2165.34
6	11 KV Pin Insulator polymer	No.	6	300.74	1804.44
7	11 KV B&S Hardware (70KN)	set	3	526.30	1578.90
8	Disc insulator(B&S)70 KN Polymer	No	3	1729.26	5187.78
9	Non metallic Ties 11 KV	No	6	290.45	1742.70
10	IPC connector 55/100 sq. mm insulated conductor	No	6	429.13	2574.78
11	Back clamp for V Cross Arm	No.	1	120.30	120.30
12	Earthing support coil type	No	1	249.61	249.61
13	100X50X6mm Top Channel 9.56 Kg/Mtr.	Kg.	25	112.78	2819.50
14	Fish plate GI channel 50x6 mm ,2.36 Kg/Mtr.	No.	4	112.78	451.12
15	HT stay set complete	Pair	1	1578.89	1578.89
16	HT Stay Insulator	No.	1	75.19	75.19
17	HT stay clamp	Pair	1	187.96	187.96
18	7/10 SWG Stay wire	Kg	15	112.78	1691.70

19	Danger plate (LT)	Nos.	1	120.30	120.30
20	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	0.62	112.78	69.92
21	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	3	120.30	360.90
22	Back clamp for Anticlimbing Device	Kg	2.48	112.78	279.69
23	GI nut,bolt & washer	Kg	6	117.29	703.74
24	Black paint	Ltr.	1	330.81	330.81
25	Yellow colour paint for Back ground	Ltr.	1	162	162.00
A	TOTAL MATERIAL COST				<b>68266.65</b>
B	Stock, Storage & Insurance @ 3% of A				2048.00
C	Sub Total (C=A+B)				70314.65
D	Contingency @3% of C				2109.44
E	T & P 2% of C				1406.29
F	Transportation @ 7.5% of C				5273.60
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				1944.76
I	Erection Charges of other @ 10%				2778.14
J	Sub Total				83826.88
26	Fixing of 11 KV Line complete Set	Set	1	2301.53	2301.53
27	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.45	6500.00	2925.00
28	Couping ratio 1:1:5:3(500x500x1500)	M3	0.13	6500.00	845.00
	<b>Total Rs.</b>				<b>89898.41</b>
<b>II</b>	<b>INSTALLATION OF 63 KVA S/S.</b>				
1	11 Mtr. Long 160x152 mm GI WPB Pole	No.	2	37762.42	75524.84
2	Base plate for PSC Pole	No.	2	2255.55	4511.10
3	Top GI Channel 100x50x6 mm	Kg	131.25	112.78	14802.38
4	Fish plate GI channel 50x8 mm ,0.280 Mtr. Each	Kg	3.54	112.78	399.24
5	Channel 75x40x4.8 mm	Kg.	145.8	112.78	16443.32
6	50x50x6 mm GI Bracing Angle each 2.8 Mtr. Long(4.5 Kg/Mtr.)	Kg.	52.75	112.78	5949.15
7	GI Flat 25x6 mm	Kg	50	112.78	5639.00
8	50x6 mm GI Flat for Earthing	Kg	154.81	112.78	17459.47
9	63 KVA 11/0.4 KV(AL)Transformer BIS Energy Level-II	No.	1	130,064.02	130064.02

10	LT Distrubution Box with MCCB, Aluminim Busbar of single Bay with kit kat Fuse for 63 KVA S/S.	No	1	27549.51	27549.51
11	55 sq. mm AAAC	Mtr.	50	100.75	5037.50
12	3.5 Core 50 sq. mm 1.1 KV AL Cable	Mtr	15	305.24	4578.60
13	AB switch 11 KV 200A 3 pole	Set	1	11051.68	11051.68
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	IPC connector 55/100 sq. mm insulated conductor	No	6	429.13	2574.78
17	11 KV B&S Hardware (70KN)	set	3	526.30	1578.90
18	Disc insulator(B&S)70 KN Polymer	No	3	1729.26	5187.78
19	11 KV Lightning Arrester(12 KV,10KA)station class	No.	3	5337.89	16013.67
20	11 KV pin insulator Polymer	No.	3	300.74	902.22
21	HT stay set complete	Pair	2	1578.89	3157.78
22	HT Stay Insulator	No.	2	75.19	150.38
23	HT stay clamp	Pair	2	187.96	375.92
24	7/10 SWG Stay wire	Kg	30	112.78	3383.40
25	No. 8 SWG GI Wire	Kg	1	112.78	112.78
26	GI Pipe for earthing 40mm dia 3mtr long	EA	5	1578.89	7894.45
27	GI Nut, Bolt & washers of different sizes	Kg	25	117.29	2932.25
28	GI Barbed wire anticlimbing device 3 Kg	Kg	6	120.30	721.80
29	Back clamp for anticlimbing Device 25x3	Kg	4.8	112.78	541.34
30	Danger Plate(LT)	No.	2	120.30	240.60
31	Name Plate	No.	1	120.30	120.30
32	Black paint	Ltr	1	330.81	330.81
33	Yellow colour paint for Back ground	Ltr	2	162.00	324.00
34	Back clamp for Danger Plate,25x3 mm flat	Kg	1.2	112.78	135.34
<b>A</b>	Sub total Rs.				<b>379221.21</b>
<b>B</b>	Stock, Storage & Insurance @ 3% of A				<b>11376.64</b>
<b>C</b>	Sub Total (C=A+B)				<b>390597.84</b>
<b>D</b>	Contingency @3% of C				<b>11717.94</b>
<b>E</b>	T & P 2% of C				<b>7811.96</b>
<b>F</b>	Transportation @ 7.5% of C				<b>29294.84</b>
<b>G</b>	Erection Charges for PSC Pole @ 20%				
<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%				<b>10587.83</b>
<b>I</b>	Erection Charges of other @ 10%				<b>16343.05</b>

<b>J</b>	Sub Total				<b>466353.45</b>
31	Concreting ratio 1:1:5:3(500x500x1800)	M3	0.9	<b>6500.00</b>	<b>5850.00</b>
32	Couping ratio 1:1:5:3(500x500x450)	M3	0.226	<b>6500.00</b>	<b>1469.00</b>
33	Fixing of 11 KV Line complete Set	Set	2	2301.53	4603.06
34	Construction of earth chamber	No	5	<b>4603.05</b>	<b>23015.25</b>
35	Supply and erection of GI fencing with Gate as per TPNODL.	M2	15	<b>3682.00</b>	<b>55230.00</b>
	<b>Total Rs.</b>				<b>556520.76</b>
<b>III</b>	<b>LT LINE -0.12 Km</b>				
1	9 mtr Long 150x150 mm GI Joist Pole(30.6 Kg/Mtr.)	No.	4	31058.92	124235.68
2	LT Stay set complete	Set	3	781.92	2345.76
3	7/12 SWG GI stay wire	Kg	36	112.78	4060.08
4	LT stay insulator	No.	3	165.40	496.20
5	LT stay clamp	No.	3	45.11	135.33
6	Pole clamp with I hook(ABC)	Pair	4	300.74	1202.96
7	Eye Hook for XLPE Cable	No.	4	90.22	360.88
8	Dead end clamp	No.	5	97.74	488.70
9	Suspension clamp with I hook	No.	2	511.26	1022.52
10	LT XLPE AB cable(3x50+1x35+1x16) sq. mm	Mtr.	126	210.52	26525.52
11	Insulated Piercing connector, Type-A	Nos.	28	120.30	3368.40
12	Coil Earthing	No	4	249.61	998.44
13	No. 8 SWG GI Wire	Kg	0.943	112.78	106.35
14	Danger plate (LT)	Nos.	4	120.30	481.20
15	Back Clamp for danger Plate 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 1 no's = (1x0.59x0.510)	Kg	1.203	112.78	135.67
16	GI barbed wire anticlimbing device 3 Kg. Per support	Kg	12	120.30	1443.60
17	Back Clamp for anticlimbing device 25X3 mm. flat, 0.59Kg/Mtr. Flat of 0.510mtr length 4 no's = (4x0.59x0.510)	Kg	4.814	112.78	542.92
18	GI Nuts, Bolts, & washers of different sizes	Kg	10	117.29	1172.90
19	Black paint	Ltr	4	330.81	1323.24
20	Yellow colour paint for Back ground	Ltr	4	162.00	648.00
<b>A</b>	<b>Total Rs.</b>				<b>171094.36</b>
<b>B</b>	<b>Stock, Storage &amp; Insurance @ 3% of A</b>				<b>5132.83</b>
<b>C</b>	<b>Sub Total (C=A+B)</b>				<b>176227.19</b>
<b>D</b>	<b>Contingency @3% of C</b>				<b>5286.82</b>
<b>E</b>	<b>T &amp; P 2% of C</b>				<b>3524.54</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>13217.04</b>
<b>G</b>	<b>Erection Charges for PSC Pole @ 20%</b>				

<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%				<b>6398.14</b>
<b>I</b>	Erection Charges of other @ 10%				<b>4101.59</b>
<b>J</b>	Sub Total				<b>208755.32</b>
20	Fixing of LT complete stay set	No	3	<b>2301.53</b>	<b>6904.59</b>
21	Concreting ratio 1:1:5:3(500x500x1500)mm	Cumtr.	1.5	<b>6500.00</b>	<b>9750.00</b>
					<b>16654.59</b>
					<b>225409.91</b>
	Sub Total Rs.				<b>871,829.08</b>
	Cess @1%				<b>8,718.29</b>
	Total Estimated Cost				<b>880,547.37</b>
	Total Estimated Cost in Figures				<b>880,547.00</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)**