

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

**PRICE BID FOR THE WORK UNDER SL. NO :- 05 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO MOHANA POLICE STATION BUILDING IN THE DISTRICT OF GAJAPATI.**

**BID REF NO.- 86/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>PART-I</b>	<b>3 phase 3W 11 KV line with 55 sq. mm AAAC-0.03 Km</b>				
1	9 Mtr. Long 300 KG PSC Pole	No	1	4260.00	4260.00
2	RCC Base Plate (500x500x10)mm for PSC Pole	Nos.	1	361.34	361.34
3	(100x50x6)mm GI Channel for straight cross Arm 1.45 Mtr. @ 9.2 Kg/Mtr.(4 Nos.)including top piece.	Kg	53.36	106.50	5682.84
4	Disc insulator 45 KN (T&C) Polymer	No.	9	1221.20	10990.80
5	11 KV HW fitting (T&C)45 KN	No	9	184.60	1661.40
6	11KV Pin Insulator polymer	No.	6	284.00	1704.00
7	HT stay set (Complete)	No.	2	1491.00	2982.00
8	HT stay Insulator, Type-C	No.	2	71.00	142.00
9	Stay clamp(1.9 Kg/Pair)	pair	2	177.50	355.00
10	7/10 SWG GI Saty wire	Kg	20	106.50	2130.00
11	Earthing support coil type	No.	1	235.72	235.72
12	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.262	106.50	27.90
13	55 sq. mm AAAC Conductor	Km	0.09	42600.00	3949.02
14	PG clamp for 55 sq. mm AAAC	Nos.	9	681.60	6134.40
15	Fish Plate 50x8 mm, 0.97 Kg/Mtr., each 0.280 Mtr. Length	Kg	5.95	106.50	633.68
16	Danger Board	No	1	113.60	113.60

17	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	113.60	340.80
18	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	0.3009	106.50	32.05
19	Back clamp for barbed wire anticlimbing device 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	1.2036	106.50	128.18
20	GI Nuts & Bolts	Kg	5	110.76	553.80
21	Saundries(Al. Binding tape, Insulation tape etc.)	No.	1	423.73	423.73
	I. Total Rs.				<b>42842.26</b>
<b>PART-II</b>	<b>Installation of 100 KVA 11/0.4KV sub station - 1 No.</b>				
22	9 Mtr. Long 300 KG PSC Pole	No	2	4260.00	8520.00
23	RCC Base Plate (500x500x10)mm for PSC Pole	Nos.	2	361.34	722.68
24	Pressure Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	106.50	5486.88
25	Transformer mounting Channel 100x50x6mm channel 2.8 mtr long,4 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	106.50	5486.88
26	AB switch &HG fuse mounting channel GI(75x40x6)mm,2.8mtr long 4 No(6.8Kg/mtr)with Galvanisation	K.g	76.16	106.50	8111.04
27	Transformer belting (50x50x6)mm GI Angle, 2.8 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	31.5	106.50	3354.75
28	Cantilever GI Channel for supporting AB switch Arm 75X40x6mm. 1mtr. Long 2 Nos. (6.8kg./mtr.)	Kg	13.6	106.50	1448.40
29	Cantilever GI Angle for supporting HG Fuse 50x50x6mm. 1.5 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg	13.5	106.50	1437.75
30	GI Angle for mounting LT Distribution Box (50x50x6)mm 1 Mtr. Long 2 Nos.(3.5 Kg/Mtr.)	Kg	7	106.50	745.50
31	AB switch side support channel 100x50x6 mm, 9.2 Kg/Mtr.,each channel length 0.35 Mtr.,2 Nos required	Kg.	6.44	106.50	685.86
32	GI Channel support for down pipe 75x40x6 mm, 6.8 Kg/Mtr., each channel length 0.8 Mtr., 1 No. required.	K.g	5.44	106.50	579.36
33	11KV AB switch 3 pole(200 Amp, 50 Hz)	Set	1	10437.00	10437.00
34	11KV HG fuse 3 pole(200 Amp)	Set	1	8690.40	8690.40
35	11KV Disc insulatorT & C,45 KN	No.	3	1221.20	3663.60

36	11KV H.W Fittings T&C 45KN	No.	3	184.60	553.80
37	25x6 mm GI flat for earthing	Kg	60	106.50	6390.00
38	25x4 mm GI flat for Neutral	Kg	10	106.50	1065.00
39	11 KV LA(12 KV, 10 KA)	No.	3	5041.00	15123.00
40	Earthing support coil type	No.	2	235.72	471.44
41	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.524	106.50	55.81
42	HT stay set (Complete)REC Construction standard	No.	4	1491.00	5964.00
43	HT stay Insulator, Type-C	No.	4	71.00	284.00
44	Stay clamp(1.9 Kg/Pair)	pair	4	177.50	710.00
45	7/10 SWG GI Saty wire, grade-2	Kg	40	106.50	4260.00
46	55 sq. mm AAAC Conductor(for jumpering)	Km	0.05	42600.00	2130.00
47	120 sq. mm 3.5 core LT PVC Cable(Un-Armoured)	Mtr.	20	593.56	11871.19
48	100 KVA, 11/0.4 KV (AL) Transformer,BIS Energy Level-II	No	1	166140.00	166140.00
49	LT Distribution box with MCCB, Aluminium Bus bar for 2 bay with Kitkat Fuse for 100 KVA S/S	No	1	34674.98	34674.98
50	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1491.00	10437.00
51	PG clamp for 55 sq. mm AAAC	Nos.	3	681.60	2044.81
52	Danger Board	No	2	113.60	227.20
53	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6018	106.50	64.09
54	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
55	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	2.41	106.50	256.67
56	GI Nuts, Bolts of assorted size	Kg	25	110.76	2769.00
57	Saundries(Al. Binding tape, Insulation tape etc.)	No.	1	847.46	847.46
	II. Total Rs.				<b>326391.13</b>
<b>PART-III</b>	<b>Construction of LT 3ph 6 W line using 4x50+1x50+1x16 sqmm XLPE AB Cable=0.18 Km</b>				
<b>58</b>	8 Mtr. Long 200 KG PSC Pole	No	6	2840.00	17040.00
<b>59</b>	RCC Base Plate (500x500x10)mm for PSC Pole	Nos.	6	361.34	2168.03
<b>60</b>	Earthing support coil type	No.	6	235.72	1414.32

61	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	1.57	106.50	167.21
62	1.1 KV LT AB cable(4x50+1x50+1x16) sqmm	Km	0.19	206220.34	38975.64
63	Cap Cable End for ABC 35 sq. mm	No	12	9.71	116.54
64	L.T Stay set (Complete )	Set	5	738.40	3692.00
65	L.T Stay Insulator	No.	5	42.60	213.00
66	L.T Stay clamp (1.40 K.g/Pair)	Pair	5	156.20	781.00
67	7/12 SWG Stay Wire ,Grade-2	Kg	40	106.50	4260.00
68	Suspension clamp with Eye Hook	No	3	482.80	1448.40
69	Dead end clamp with Eye Hook	No	6	177.50	1065.00
70	Pole clamp for eye Hook for AB cable	No.	9	284.00	2556.00
71	Piercing connector	No.	3	113.60	340.81
72	Neutral connector	No.	1	46.86	46.86
73	GI Nut, Bolt & washer	Kg	5	110.76	553.80
74	Danger Board	No	6	113.60	681.60
75	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.81	106.50	192.77
76	Black paint	Ltr.	2	312.40	624.80
77	Yellow colour paint for Background	Ltr.	6	212.77	1276.62
78	Saundries	No.	1	423.73	423.73
	III.Total Rs.				78038.12
	A.Sub Total Rs.				447271.51
B	Stock,storage and insurance (@3% on A)				13418.15
C	TOTAL RS.				460689.65
D	T&P @ 2% of C				9213.79
E	Contingency @ 3% of C				13820.69
F	Transportation @ 7.5% of C				34551.72
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				40584.22
H	TOTAL RS.				558860.08
79	Stay concreting in ratio C.C ,1:2:4 as per TPSODL Drawing and specification.	Nos.	11	1329.77	14627.48
80	Concreting of 9 Mtr./ 8 Mtr. PSC Pole in ratio C:C 1:1:5:3=0.375 cum 8 Mtr. PSC Pole	Nos.	9	2493.32	22439.90

81	Couping of poles C.C 1:1:5:3,0.1125 cum @6400	Nos.	9	748.00	6732.00
82	Material for earthing including masonry work for earth pit, salt, charcoal earthing chamber size(2'x2')RCC slab cover.	No	7	3784.73	26493.11
83	Brick wall Boundaring (size=3 Mtr.x3 Mtr.x1.5 Mtr.)with fixing of iron grill gate etc with sand & metal spreading.	Mtr.	12.00	7,300.08	87600.96
84	Plinth for Transformer	No.	1.00	28,000.00	28000.00
85	Survey of incremental / delta network and assets changes of 11 KV network and updation in GESW database.	Km	0.03	9633.00	288.99
86	Survey and digitization of new DSS and its internals including attrubutes.	Job	1	6883.00	6883.00
87	Survey of incremental / delta network and assets changes of LT network and updation in GESW database.(GIS service)	Km	0.18	9633.00	1727.68
					<b>194793.12</b>
	<b>Sub Total Rs.</b>				<b>753653.20</b>
	<b>Cess @ 1%</b>				<b>7,536.53</b>
	<b>Total Estimated Cost</b>				<b>761,189.73</b>
	<b>Total Estimated Cost in Figures</b>				<b>761,190.00</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)**