

**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 /www.ophwc.nic.in****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 POLICE STATION BUILDING AT BEGUNIPADA IN THE DISTRICT OF GANJAM.****BID REF NO.-67/PM/ELECT/OPHWC/2024-25**

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

<b>Sl. No.</b>	<b>Description of work</b>	<b>Unit</b>	<b>Qty.</b>	<b>Estimated Cost in Rs.</b>	
				<b>RATE IN RS.</b>	<b>AMOUNT IN RS.</b>
<b>PART-I</b>	<b>Installation of 63 KVA 11/0.4KV sub station - 1 No.</b>				
1	11 Mtr Long (160x160)mm WPB Pole(30.44 Kg/mtr)for Support	No	2	34321.52	68643.04
2	Earthing coil for support	No	2	225.76	451.52
3	Danger board	No	2	108.80	217.60
4	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.2	102.00	122.40
5	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	108.80	652.80
6	Back clamp for ACD (25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	4.8144	102.00	491.07
7	Pressure Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	102.00	5255.04
8	Transformer mounting Channel 100x50x6mm channel 2.8 mtr long,4 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	102.00	5255.04
9	AB switch &HG fuse mounting channel GI(75x40x6)mm,2.8mtr long 4 No(6.8Kg/mtr)with Galvanisation	K.g	76.16	102.00	7768.32
10	Cantilever Channel for supporting HG Fuse 75x40x6mm. MS Angle 1 mtr. Long 2 Nos. (6.8kg./mtr.)with Galvanisation	Kg.	13.6	102.00	1387.20
11	Angel for cantilever arrangement for AB switch and HG Fuse 50x50x6mm 2 Mtr. Long each ,2 Nos.(4.5Kg./mtr)	Kg.	18	102.00	1836.00
12	GI Belting 50x50x6 mm ,angle 3.5 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg.	31.5	102.00	3213.00

13	Angle for mounting LT Distribution Box (50x50x6)mm 1 Mtr. Long 2 Nos.(3.5 Kg/Mtr.)with Galvanisation	Kg	7	102.00	714.00
14	11KV Disc insulatorT & C,45 KN Polymer	No.	3	1169.60	3508.80
15	11KV H.W Fittings T&C 45KN	No.	3	176.80	530.40
16	11KV AB switch 3 pole(200 Amp, 50 Hz)	Set	1	9996.00	9996.00
17	11KV HG fuse 3 pole(200 Amp)	Set	1	8323.20	8323.20
18	11 KV LA(12 KV, 10 KA)	No.	3	4828.00	14484.00
19	HT stay set (Complete)REC Construction standard	No.	4	1428.00	5712.00
20	HT stay Insulator, Type-C	No.	4	68.00	272.00
21	Stay clamp(1.9 Kg/Pair)	pair	4	170.00	680.00
22	7/10 SWG GI Saty wire, grade-2	Kg	40	102.00	4080.00
23	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1428.00	9996.00
24	25x6 mm GI flat for earthing	Kg	25	102.00	2550.00
25	25x4 mm GI flat for earthing	Kg	10	102.00	1020.00
26	63 KVA, 11/0.4 KV (AL) Transformer,BIS Energy Level-II	No	1	117640.00	117640.00
27	LT Distribution box with MCCB, Aluminium Bus bar for single bay with Kitkat Fuse for 63 KVA S/S	No	1	24917.92	24917.92
28	95 sq. mm 3.5 core LT XLPE Cable(Un-Armoured)	Mtr.	15	452.88	6793.20
29	55 sq. mm AAAC Conductor(for jumpering)	Km	0.05	40800.00	2040.00
30	PG clamp for 55 sq. mm Conductor	No	6	652.80	3916.80
31	GI Nuts, Bolts and washers of assorted size	Kg	25	106.08	2652.00
32	Sundries (Paint,Binding wire,Insulating Tape,pole numbering etc.	LS	1	2000.00	2000.00
	A.Sub Total Rs.				<b>317119.35</b>
<b>PART-II</b>	<b>3 phase 3W 11 KV line with 55 sq. mm AAAC-0.02 Km</b>				
1	11 Mtr Long (160x160)mm WPB Pole(30.44 Kg/mtr)for Support	No	1	34321.52	34321.52
2	Earthing support coil type	No	1	225.76	225.76
3	Danger Board	No	1	108.80	108.80
4	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	0.6018	102.00	61.38
5	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	108.80	326.40
6	Back clamp for ACD (25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	2.4072	102.00	245.53
7	100x50x6mm MS channel for straight cross arm with galvanisation (1.2 mtr. Of 6 nOs.),9.2 Kg/Mtr.	K.g	22.08	102.00	2252.16
8	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1101.60	1101.60
9	GI Back clamp for 11 KV V Cross Arm	No.	1	108.80	108.80
10	Top F clamp	No.	1	326.40	326.40
11	Top Bracket(100x50x6)mm MS Channel(2 kg each)	No	1	204.00	204.00
12	Fish Plate(50x8)mm,Each 0.28 Mtr. ,0.97 Kg/Mtr.	Kg	0.5432	102.00	55.41

13	11KV Pin Insulator polymer	No.	6	272.00	1632.00
14	Disc insulator 45 KN (T&C) Polymer	No.	3	1169.60	3508.80
15	11 KV HW fitting (T&C)45 KN	No	3	176.80	530.40
16	HT stay set (Complete)	No.	1	1428.00	1428.00
17	HT stay Insulator, Type-C	No.	1	68.00	68.00
18	HT Stay & stud clamp(1.9 Kg/Pair)	pair	1	170.00	170.00
19	7/8 SWG GI Saty wire, grade-2	Kg	12	102.00	1224.00
20	55 sq. mm AAA Conductor	Km	0.0618	40800.00	2521.44
21	PG clamp for 55 sq. mm AAAC	No	3	652.80	1958.40
22	GI Nut, Bolt & washer of assorted size	Kg	5	106.08	530.40
23	Saundries(Binding wire, Insulating Tape, Pole numbering etc.	No.	1	1000.00	1000.00
					<b>53909.20</b>
<b>PART-III</b>	<b>Construction of LT 3ph 5 W line using 4x35+1x35+1x16 sqmm XLPE AB Cable=0.21 Km(8 Span)</b>				
1	8 Mtr. Long 200 KG PSC Pole(For Support)	No	8	2720.00	21760.00
2	GI Base plate for support(500x500x10)mm,20 Kg	No	8	2040.00	16320.00
3	Earthing support coil type	No	8	225.76	1806.08
4	Danger Board	No	8	108.80	870.40
5	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	4.8144	102.00	491.07
6	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	24	108.80	2611.20
7	Back clamp for ACD (25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	19.2576	102.00	1964.28
8	L.T Stay set (Complete )	Set	9	707.20	6364.80
9	L.T Stay Insulator	No.	9	40.80	367.20
10	L.T Stay and stud Clamp(1.4 K.g/Pair)	Pair	9	149.60	1346.40
11	7/12 SWG Stay Wire	Kg	72	102.00	7344.00
12	4x35+1x35+1x16 sqmm XLPE AB Cable	Km	0.22	157076.27	34635.32
13	Pole clamp for eye Hook for AB cable	pair	13	272.00	3536.00
14	Suspension clamp with Eye Hook	No	3	462.40	1387.20
15	Dead end clamp for Bare messenger of ABC	No	10	88.40	884.00
16	Insulated piercing connector.Type-B-main 16 to 95 sq.mm to Tap-16 to 95 to 10 sq.mm	No	27	54.40	1468.80
17	Neutral connector Type-B suitable for main-35-70 sq. mm AAAC & Tap-2.5 to 10 sq. mm service cable cover by black weather resistant insulation cover.	No	9	44.88	403.92
18	GI Nut, Bolt & washer	Kg	10	106.08	1060.80
19	Saundries(Al. Binding tape, Insulating Tape, Paint etc.	No.	1	3000.00	3000.00
					<b>107621.46</b>
	A.Sub Total Rs.				<b>478650.01</b>
B	Stock,storage and insurance (@3% on A)				<b>14359.50</b>

C	TOTAL RS.				<b>493009.52</b>
D	T&P @ 2% of C				<b>9860.19</b>
E	Contingency @ 3% of C				<b>14790.29</b>
F	Transportation @ 7.5% of C				<b>36975.71</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				<b>40181.09</b>
H	TOTAL RS.				<b>594816.79</b>
21	Construction of Brick wall Boundary with civil and MS material with metal and sand spreading	Mtr.	16.00	4,725.80	75612.80
22	Concreting of support C:C 1:1:5:3,0.45 cum @6400 for 8 Mtr. PSC Pole	Nos.	8	2400.00	19200.00
23	Concreting of support C:C 1:1:5:3,0.45 cum @6400 for 11 Mtr. WPB Pole	Nos.	3	2880.00	8640.00
24	Couping with C.C 1:1:5:3,0.1125 cum @6400	Nos.	11	720.00	7920.00
25	Cement concreting for stud & stay anchor Plate with C.C ,1:2:4,0.2 cum @6177.92	Nos.	14	1235.58	17298.12
26	Material for earthing including masonry work for earth pit,cement plate cover including salt, charcoal etc.	No	7	1600.00	11200.00
					<b>139870.92</b>
	Sub Total Rs.				<b>7,34,687.71</b>
	Cess @ 1%				<b>7,346.88</b>
	Total Estimated Cost				<b>7,42,034.59</b>
	Total Estimated Cost in Figures				<b>7,42,035.00</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)

Sd/-  
Project Manager (Elect.)