

**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.com /www.ophwc.nic.in**

**PRICE BID FOR THE WORK UNDER SL. NO :- 04 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO AMA BUS STAND AT SORODA IN THE DISTRICT OF GANJAM.**

**BID REF NO.- 45/DGM//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 Tapping Point-1 No.</b>				
1	13 Mtr Long (160x152)mm WPB Pole(30.44 Kg/mtr)	No	1	40427.20	40,427.20
2	Earthing Device coil type GI	No	1	215.80	215.80
3	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1053.00	1,053.00
4	GI Back clamp for 11 KV V Cross Arm	No.	1	104.00	104.00
5	11 KV F clamp 2.9 Kg each	No	1	312.00	312.00
6	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 2 Nos. & 0.2 Mtr. Long 5 Nos. including top piece	Kg	25.76	97.50	2,511.60
7	Galvanisation of all MS & RS materials	Kg	13.1	13.00	170.30
8	Disc insulator 70 KN (B&S) Polymer	No.	3	1495.00	4,485.00
9	11 KV HW fitting (B&S)3 bolted	No	3	455.00	1,365.00
10	11KV Pin Insulator polymer 320 CD	No.	3	260.00	780.00
11	PG Clamp for 80 sq. mm AAAC(Cut Point)	No.	3	689.00	2,067.00
12	80 sq. mm AAAC	Km	0.1545	55900.00	8,636.55
13	HT stay set complete	No.	1	1365.00	1,365.00
14	11KV stay insulator	No.	1	65.00	65.00
15	7/10 SWG stay wire, Grade-2	Kg	10	97.50	975.00
16	HT stay clamp (1.9 Kg/Pair)	pair	1	162.50	162.50
17	GI Nuts and Bolts of assorted size	Kg	2	101.40	202.80
18	Danger Board	No.	1	104.00	104.00
19	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.3009	97.50	29.34
20	GI 2 ply ,2.5 mm dia Barbed wire for Anticlimbing Device	Kg	2	104.00	208.00
21	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.06	97.50	5.85
22	Sundries (clamp connector, jumpering materials, paint etc.)	LS	1	250.00	250.00

	<b>PART-I</b>				<b>65,494.94</b>
<b>PART-II</b>	<b>Construction of LT 3ph 5 W line using 3x95+1x70+1x16 sqmm XLPE AB Cable=0.20 Km</b>				
1	9 Mtr. Long 300 KG PSC Pole	Nos.	5	3,900.00	19,500.00
2	Earthing support coil type GI	No	5	215.80	1,079.00
3	GI Base plate (500x500x10)mm for support,20 Kg each	No	5	1950.00	9,750.00
4	Pole clamp for eye Hook for AB cable	No	7	260.00	1,820.00
5	Dead end clamp	No	2	162.50	325.00
6	Suspension clamp with eye Hook	No	5	442.00	2,210.00
7	L.T Stay set (Complete )	Set	1	676.00	676.00
8	L.T Stay Insulator	No.	1	39.00	39.00
9	L.T Stay Clamp(1.4 K.g/Pair)	Pair	1	143.00	143.00
10	7/12 SWG Stay Wire	Kg	8	97.50	780.00
11	3x95+1x70+1x16 sqmm XLPE AB Cable	Km	0.21	315900.00	66,339.00
12	GI Nuts, Bolts and washers of assorted size	Kg	6	101.40	608.40
13	Anticlimbing Device GI Barbed wire 3 kg per support	Kg	15	104.00	1,560.00
14	Back clamp for barbed wire anticlimbing deice 25x3 mm flat,0.59 Kg/mtr. & 0.51 Mtr. Of Length 4 Nos.	Kg	6.02	97.50	586.95
15	Danger Board	No.	5	104.00	520.00
16	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.5	97.50	146.25
17	Sundries (Paint , clamp connectors ,binding tape etc. )	LS	1	200.00	200.00
					106,282.60
<b>PART-III</b>	<b>Shifting of 250 KVA 11/0.4KV sub station -1 No.</b>				
1	11 Mtr. Long 160x152 GI WPB Pole (30.44 Kg/Mtr.)	No	2	34321.52	68,643.04
2	Earthing support coil type GI	No	2	215.80	431.60
3	Top Pressure Channel 100x50x6mm GI channel each 2.8 mtr long,2 Nos(9.2K.g/mtr)with Galvanisation	K.g	51.52	97.50	5,023.20
4	Transformer mounting GI channel(100x50x6)mm,(9.2 Kg/mtr)with Galvanisation	K.g	51.52	97.50	5,023.20
5	AB switch & HG fuse mounting channel(75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)with Galvanisation	K.g	76.16	97.50	7,425.60
6	Cantilever GI Channel for supporting AB switch Arm75x40x6mm. MS Angle ,1 Mtr. Long 2 Nos.(6.8 Kg/mtr.). (6.8 kg./mtr.)with Galvanisation	Kg.	13.6	97.50	1,326.00
7	Cantilever Channel for supporting AB Switch & HG Fuse 50x50x6mm. MS Angle ,2 Mtr. Long 2 Nos.(4.5 Kg/mtr.). with Galvanisation	Kg.	18	97.50	1,755.00

8	Angle for mounting LT Distribution Box 50x50x6mm,MS Angel 2.5 Mtr. Long each,2 Nos.(4.5 kg./mtr.)with Galvanisation	Kg.	22.5	97.50	2,193.75
9	Disc insulator 70 KN (B&S) Polymer	No.	3	1495.00	4,485.00
10	11 KV HW fitting (B&S)3 bolted	No	3	455.00	1,365.00
11	11KV AB switch( 3 pole,200 Amp,50Hz)	Set	1	9555.00	9,555.00
12	11KV HG fuse (3 pole,200 Amp)with PI	Set	1	7956.00	7,956.00
13	9KV 10 KA LA, Station class	No.	3	1300.00	3,900.00
14	HT stay set complete	No.	2	1365.00	2,730.00
15	11KV stay insulator	No.	2	65.00	130.00
16	7/10 SWG stay wire, Grade-2	Kg	20	97.50	1,950.00
17	HT stay clamp (1.9 Kg/Pair)	pair	2	162.50	325.00
18	LT Distribution Box with MCCB, Aluminium Bus Bar for 3 bay with Kitkat fuse for 250 KVA S/S .	No	1	62400.00	62,400.00
19	1 core 185 sq. mm XLPE Cable	Mtr.	40	432.90	17,316.00
20	55 sq. mm AAAC for jumpering	Km	0.05	39000.00	1,950.00
21	PG clamp for 55 sq. mm AAAC	Nos.	3	624.00	1,872.00
22	Fish plate 50x6 mm ,2.36 Kg/Mtr.,each 0.28 Mtr.	No	3	64.44	193.32
23	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	7	1365.00	9,555.00
24	25x4 mm GI flat(for neutral earthing)	Kg	10	97.50	975.00
25	25x6 mm GI flat	Kg	60	97.50	5,850.00
26	GI Nuts, Bolts and washers of assorted size	Kg	25	101.40	2,535.00
27	Danger Board	No.	2	104.00	208.00
28	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6018	97.50	58.68
29	Anticlimbing Device GI Barbed wire 3 kg per support	Kg	6	104.00	624.00
30	Back clamp for barbed wire anticlimbing deice 25x3 mm flat,0.59 Kg/mtr. & 0.51 Mtr. Of Length 4 Nos.	Kg	2.407	97.50	234.68
31	Sundries (AI binding tape & insulating tape etc.)	LS	1	1000.00	1,000.00
	TOTAL RS.				<b>228,989.07</b>
	A.Sub Total Rs.				<b>400,766.61</b>
B	Stock,storage and insurance (@3% on A)				<b>12,023.00</b>
C	TOTAL RS.				<b>412,789.60</b>
D	T&P @ 2% of C				<b>8,255.79</b>
E	Contingency @ 3% of C				<b>12,383.69</b>
F	Transportation @ 7.5% of C				<b>30,959.22</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				<b>37,670.35</b>
H	TOTAL RS.				<b>502,058.65</b>

32	Stay concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum @ 6177.92.	Nos.	4	1235.58	4,942.32
33	Concreting of Poles in ratio 1:1:5:3-0.375 Cu mtr.	Nos.	5	2400.00	12,000.00
34	Concreting of 13 Mtr. Poles in ratio 1:1:5:3-0.55 Cu mtr.	Nos.	1	3520.00	3,520.00
35	Concreting of 11 Mtr. Poles in ratio 1:1:5:3-0.45 Cu mtr.	Nos.	2	2880.00	5,760.00
36	Couping of poles in ratio 1:1:5:3(500x500x475)=0.1125 Cu. Mtr.	Nos.	3	720.00	2,160.00
37	Materials for massonary work for eathpit,charcoal ,Salt etc. for earthing of guarding.	Nos.	7	1600.00	11,200.00
38	Brick Boundary wall with fixing of iron grill gate etc.	No	1.00	150,000.00	150,000.00
39	Plinth for 250 KVA S/S	No	1	21270.00	21,270.00
40	Dismantling charges of 250 KVA S/S	No	1.00	4,000.00	4,000.00
41	Dismantling charges of HT Line	No	1.00	500.00	500.00
42	Dismantling charges of LT Pole	No	7.00	500.00	3,500.00
43	Dismantling charges of LT Line	Span	5	400.00	2,000.00
					<b>220,852.32</b>
	<b>Total Rs.</b>				<b>722,910.97</b>
	<b>Cess @ 1%</b>				<b>7,229.11</b>
	Total Estimated Cost				<b>730,140.08</b>
	Total Estimated Cost in Figures				<b>730,140.00</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/-  
DGM Engg.(Elect.)**