

**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 :- 05 AS PER IFB**

**NAME OF THE WORK :- SHIFTING AND RECONSTRUCTION OF 11 KV LINE FOR CONSTRUCTION OF AUTOMATED TESTING STATION AT KHUNTABANDHA IN THE DISTRICT OF BOUDH.**

**BID REF NO.- 27/PM/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>11 KV LINE</b>				
1	9 Mtr. Long 300 KG PSC Pole(1 No. intermediate+7 Nos. Stud Pole)	No	22	4080.00	89760.00
2	RCC Base Plate	No	22	408.00	8976.00
3	Earthing support coil type	Each	15	225.76	3386.40
4	No.8 GI wire(dia 4.6 mm)0.131 Kg/Mtr.,2 Mtr. For connecting pole with coil earthing	Kg	6	102.00	587.93
5	Pole clamp for supporting Stud Pole	Pair	7	272.00	1904.00
6	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 6 Nos,0.3 Mtr. Long 6 Nos. includingcut point & tapping point.	Kg	77.28	102.00	7882.56
7	11 KV 'V' cross arm(10.2 Kg each)with galvanisation	No.	14	1240.32	17364.48
8	11 KV F clamp 2.9 Kg each	No	14	365.84	5121.76
9	GI Back clamp for 11 KV V Cross Arm	No.	14	108.80	1523.20
10	11 Kv pin insulator Polymer	No	66	272.00	17952.00
11	55 sq. mm AAAC	Km	1.6995	40800.00	69339.60
12	Disc insulator 45 KN (B&S) Polymer	No.	12	1169.60	14035.20
13	11 KV HW fitting B&S)2 Bolted	No	12	353.60	4243.20
14	PG clamp for 55 sq. mm AAAC	No	12	652.80	7833.60
15	Fish plate 50x8 mm, 3.14 Kg/Mtr.,each 0.280 Mtr. Length	Kg	10.55	102.00	1076.10
16	HT stay set complete	No.	3	1428.00	4284.00
17	11KV stay insulator Polymer	No.	3	68.00	204.00
18	7/10 SWG stay wire	Kg	30	102.00	3060.00
19	HT stay clamp (1.9 Kg/Pair)	pair	3	170.00	510.00

20	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	66	108.80	7180.80
21	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	26.479	102.00	2700.86
22	Danger Board	No	22	108.80	2393.60
23	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	6.62	102.00	675.24
24	GI Nuts and Bolts of assorted size	Kg	15	106.08	1591.20
25	Sundries	LS	1	3000.00	3000.00
					<b>276585.73</b>
<b>PART-II</b>	<b>11 KV LINE AB SWITCH(3 POLE 400A) WITH DP STRUCTURE-1 NO.</b>				
1	9 Mtr. Long 300 KG PSC Pole	No	2	4080.00	8160.00
2	RCC Base Plate	No	2	408.00	816.00
3	Top Pressure Channel 100X50X6mm. GI 2.8mtr. Long 2Nos.(9.2kg/mtr.)	Kg.	51.52	102.00	5255.04
4	GI Bracing Channel DP Belting 75x40x6mm., 2.8 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	38.08	102.00	3884.16
5	50x50x6mm Cross Bracing angle,GI 4.0 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	36	102.00	3672.00
6	A/B switch Mounting Channel 75x40x6mm. GI 2.8 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	38.08	102.00	3884.16
7	AB Switch side support Channel (100x50x6 mm) , 0.35 Mtr. Length,9.2 Kg/Mtr.	Kg.	6.44	102.00	656.88
8	Channel support for down pipe 75x40x6 mm GI channel(6.8kg/mtr,1 Nos.)each channel length 0.8 Mtr.	Kg.	5.44	102.00	554.88
9	Disc insulator 45 KN (B&S) Polymer	No.	6	1169.60	7017.60
10	11 KV HW fitting B&S)2 Bolted	No	6	353.60	2121.60
11	PG clamp for 55 sq. mm AAAC	No	6	652.80	3916.80
12	Fish plate 50x8 mm, 3.14 Kg/Mtr.,each 0.280 Mtr. Length	Kg	5.275	102.00	538.05
13	11 Kv pin insulator Polymer	No	3	272.00	816.00
14	11KV AB switch( 3 pole,400 Amp,50Hz)	Set	1	16116.00	16116.00
15	9KV 10KA LA, Station class	No.	3	1360.00	4080.00
16	HT stay set complete	No.	4	1428.00	5712.00
17	11KV stay insulator Polymer	No.	4	68.00	272.00
18	7/10 SWG stay wire	Kg	40	102.00	4080.00
19	HT stay clamp (1.9 Kg/Pair)	pair	4	170.00	680.00
20	Earthing support coil type GI	No	2	225.76	451.52
21	No.8 GI wire(dia 4.6 mm)0.131 Kg/Mtr.,2 Mtr. For connecting pole with coil earthing	Kg	0.52	102.00	53.45
22	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	3	1428.00	4284.00
23	50x6 mm GI flat for earthing ,2.36 Kg/Mtr.(2.5 Mtr. For mesh formation and 2.5 Mtr. For	Kg	35.4	102.00	3610.80
24	Danger Board	No	2	108.80	217.60

25	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
26	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	108.80	652.80
27	Back clamp for barbed wire anticlimbing device 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	2.407	102.00	245.51
28	GI Nuts and Bolts of assorted size	Kg	12	106.08	1272.96
29	Sundries (Aluminium binding tape,insulating tape etc.)	LS	1	1000.00	1000.00
					<b>84083.20</b>
<b>PART-III</b>	<b>11/0.23 KV,16 KVA S/S.(without transformer)</b>				
1	9 Mtr. Long 300 KG PSC Pole	No	1	4080.00	4080.00
2	RCC Base Plate	No	1	408.00	408.00
3	Earthing support coil type GI	No	1	225.76	225.76
4	No.8 GI wire(dia 4.6 mm)0.131 Kg/Mtr.,2 Mtr. For connecting pole with coil earthing	Kg	0.262	102.00	26.72
5	Transformer mounting Bracket (65x65x6 mm.)suitable for 16/10 KVA ,11/0.23 KV Transformer.	No	1	3400.00	3400.00
6	A/B switch Mounting Bracket 75x40x6mm. GI 6 Mtr. (6.8kg./mtr.)	Kg.	40.8	102.00	4161.60
7	Channel support for AB Switch 50x40x6 mm GI angle, 3.5 Mtr. Long (4.5 Kg/Mtr.)	Kg.	15.75	102.00	1606.50
8	Homgap Fuse mounting channel(75x40x6)mm ,2.2 Mtr.,6.8 Kg/Mtr.	Kg.	14.96	102.00	1525.92
9	Disc insulator 45 KN (B&S) Polymer	No.	2	1169.60	2339.20
10	11 KV HW fitting B&S)2 Bolted	No	2	353.60	707.20
11	11KV AB switch( 2 pole,200 Amp,50Hz)	Set	1	7208.00	7208.00
12	11KV HG Fuse( 2 pole,200 Amp)	Set	1	5576.00	5576.00
13	9KV 5 KA LA, Station class	No.	2	1332.80	2665.60
14	HT stay set complete	No.	1	1428.00	1428.00
15	11KV stay insulator Polymer	No.	1	68.00	68.00
16	7/10 SWG stay wire	Kg	10	102.00	1020.00
17	HT stay clamp (1.9 Kg/Pair)	pair	1	170.00	170.00
18	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	5	1428.00	7140.00
19	25x4 mm GI flat for Neutral	Kg	8	102.00	816.00
20	25x6 mm GI flat	Kg	15	102.00	1530.00
21	55 sq. mm AAAC	Km	0.04	40800.00	1632.00
22	PG clamp for 55 sq. mm AAAC	No	2	652.80	1305.60
23	Fish plate 50x8 mm, 3.14 Kg/Mtr.,each 0.280 Mtr. Length	Kg	1.758	102.00	179.32
24	GI Nuts and Bolts of assorted size	Kg	20	106.08	2121.60
25	LT Distribution Box for 16 KVA S/S .	No	1	8840.00	8840.00
26	16 sq. mm LT 2 core PVC cable	Mtr.	9	136.00	1224.00
27	Danger Board	No	1	108.80	108.80

28	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	0.301	102.00	30.70
29	GI 2 ply,2.5 mm dia barbed wire for anticlimbing device	Kg	3	108.80	326.40
30	Back clamp for barbed wire anticlimbing device 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	1.204	102.00	122.81
31	Sundries (Aluminium binding tape,insulating tape etc.)	LS	1	1000.00	1000.00
					<b>62993.73</b>
	A.Sub Total Rs.				<b>4,23,662.65</b>
	B.Deduction of Salvage Value @8 %				<b>33,893.01</b>
	C. Total Material cost after deducting Salvage Value @8%				<b>3,89,769.64</b>
	D. Stock, Storage & Insurance @ 3% of C				11,693.09
	E. Sub Total (E=C+D)				<b>4,01,462.73</b>
	T&P @ 2% of E				8,029.25
	Contingency @ 3% of E				12,043.88
	Transportation @ 7.5% of E				30,109.70
	Erection Charges @ 5% for Joist /WPB Pole cost including stock, storage & insurance @3%				
	Erection Charges @ 20% for PSC Pole cost including stock, storage & insurance @3%				19,331.04
	Erection Charges @ 10% for Other materials cost including stock, storage & insurance @3%				30,480.75
					<b>501457.36</b>
32	Stay Concreting in ratio 1:2:4 as per TPSODL specification and drawing = 0.2 cum, @ 6177.92	Nos.	8	1235.58	9884.64
33	Concreting of Poles in ratio 1:1:5:3(500x500x1800 mm)=0.375 cum @6400	Nos.	25	2400.00	60000.00
34	Couping of Poles in ratio 1:1:5:3,0.1125 cum @6400	Nos.	25	720.00	18000.00
35	Barbed fencing ,erection of RCC fencing post ,sand filling and metal spreading ,fixing of Iron grill gate etc. as per TPSODL specification.	No	1.00	16,796.42	16796.42
36	Dismantling of 34-55 sq. mm AAAC/ACSR conductor from overhead line ,transportation,loading, unloading and staking at a proper place in safe position.	Mtr.	300	6.44	1932.00
37	Dismantling of existing 9 Mtr. PSC Pole	Ls	5	972.00	4860.00
38	Dismantling of existing 11/0.4 KV, 3 phase DTR 16 kVA including removal of HT/LT leads, earth connections and unloading by crane, scope also includes loading ,transportation, unloading and staking as per TPSODL.	No.	1	1380.92	1380.92

				Total Rs.	1,12,853.98
	<b>Sub Total Rs.</b>				6,14,311.34
	<b>Cess @ 1%</b>				6,143.11
	<b>Total Estimated Cost</b>				6,20,454.45
	<b>Total Estimated Cost in Figures</b>				6,20,454.00
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/-  
DM I/C (Elect)

Sd/-  
Project Manager(Elect.)