

**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 1-E & 8-F TYPE STAFF QUARTERS AT SORADA FIRE STATION IN THE DISTRICT OF GANJAM.**

**BID REF NO - 56/PM/ELECT/OPHWC/2025-26**

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.
PART-I	Upgradation of S/S from 25 KVA to 100 KVA S/S with existing DP-1 No.				
1	11KV AB switch 3 pole(200 Amp, 50 Hz)	Set	1	10,437.00	10,437.00
2	11KV HG fuse 3 pole(200 Amp)	Set	1	8,690.40	8,690.40
3	100 KVA, 11/0.4 KV (AL) Transformer,BIS Energy Level-II	No	1	166,140.00	166,140.00
4	LT Distribution box(GI) with MCCB including kitkat fuse for 100 KVA S/S.	No	1	34,674.98	34,674.98
5	1 C x 150 sq. mm XLPE Cable	Mtr.	40	396.18	15,847.20
6	GI Nuts, Bolts of assorted size	Kg	5	110.76	553.80
7	Sundries(Al. Binding Tape, insulation tape,clamp connector , jumpering materials, socket and cable accessories etc.)	LS	1	1,000.00	1,000.00
	Total				237,343.38
PART-II	Conversion & Heightening of 11 Kv Line with 1Cx55 sq. mm XLPE Insulated covered conductor-0.15 Km with existing PSC Pole.				
8	11 Mtr Long (160x160)mm WPB Pole(30.44 Kg/mtr)for Support	No	2	34,321.52	68,643.04
9	10 Mtr. Long 150x150 mm GI Joist Pole(34.6 Kg/Mtr.),Stud Pole	No	2	36,849.00	73,698.00
10	Stud pole clamp	No	2	177.50	355.00
11	Earthing Device coil type GI	No	4	235.72	942.88
12	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	1.048	106.50	111.61

13	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 4 Nos, & 0.3 Mtr. Long 4 Nos.including tapping point	Kg	51.52	106.50	5,486.88
14	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1,150.20	1,150.20
15	GI Back clamp for V Cross Arm	No.	1	113.60	113.60
16	11 KV F Clamp 2.9 Kg each	No.	1	340.80	340.80
17	Galvanisation of MS Material	Kg	13.1	14.20	186.02
18	11KV Disc insulator T & C,45 KN polymer	No.	9	1,221.20	10,990.83
19	11 KV Pin insulator	Nos.	8	284.00	2,272.00
20	1Cx55 sq. mm 11 KV XLPE Insulated covered conductor	Km	0.4725	99,740.00	47,127.15
21	IPC for covered conductor	No.	9	550.00	4,950.00
22	Tension Assembly wedge type with Anchoring clamp for 11 KV covered conductor	Nos.	9	905.00	8,145.00
23	Non-Metallic ties 11 KV (covered conductor)	Nos.	8	286.00	2,288.00
24	HT stay set complete	No.	1	1,491.00	1,491.00
25	11KV stay insulator	No.	1	71.00	71.00
26	7/8 SWG stay wire, Grade 2	Kg	10	106.50	1,065.00
27	HT stay clamp (1.9 Kg/Pair)	pair	1	177.50	177.50
28	Danger Board	No	2	113.60	227.20
29	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6	106.50	63.90
30	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	12	113.60	1,363.20
31	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	4.81	106.50	512.27
32	GI Nut, bolt & washer	Kg	5	110.76	553.81
33	Black paint	Ltr.	1	312.40	312.40
34	Yellow colour paint for Background	Ltr.	2	212.77	425.54
35	sundries(binding wire, clamp, connector etc.)	Ls	1	200.00	200.00
	<b>Total</b>				<b>233,263.83</b>
<b>PART-III</b>	<b>LT Line-0.035 Km</b>				
36	9 Mtr. Long 300 KG PSC Pole	No	2	4,260.00	8,520.00
37	RCC Base Plate	No	2	361.34	722.68
38	Earthing support coil type	No	2	235.72	471.44
39	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
40	Pole clamp for eye Hook for AB cable	Pair	2	284.00	568.00
41	Dead end clamp	No	1	177.50	177.50
42	Suspension clamp with Eye Hook	No	1	482.80	482.80
43	3x35+1x25 sqmm XLPE AB Cable	Km	0.04	153,360.00	5,635.98
44	L.T Stay set (Complete )	Set	1	738.40	738.40

45	L.T Stay Insulator	No.	1	42.60	42.60
46	L.T Stay clamp (1.40 K.g/Pair)	Pair	1	156.20	156.20
47	7/12 SWG Stay Wire ,Grade-2	Kg	8	106.50	852.00
48	GI Nut, bolt & washer	Kg	2	110.76	221.53
49	Danger Board	No	2	113.60	227.20
50	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6	106.50	63.90
51	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
52	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	2.407	106.50	256.35
53	Black paint	Ltr.	3	312.40	781.00
54	Yellow colour paint for Background	Ltr.	5	212.77	1,063.85
55	sundries(binding wire, clamp, connector etc.)	Ls	1	100.00	100.00
					21,818.83
<b>A</b>	<b>Sub Total Rs.</b>				<b>492,426.04</b>
<b>B</b>	<b>Stock,storage and insurance (@3% on A)</b>				<b>14,772.78</b>
<b>C</b>	<b>TOTAL RS.</b>				<b>507,198.82</b>
<b>D</b>	<b>T&amp;P @ 2% of C</b>				<b>10,143.98</b>
<b>E</b>	<b>Contingency @ 3% of C</b>				<b>15,215.96</b>
<b>F</b>	<b>Transportation @ 7.5% of C</b>				<b>38,039.91</b>
<b>G</b>	<b>Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles</b>				<b>35,710.53</b>
<b>H</b>	<b>TOTAL RS.</b>				<b>606,309.20</b>
56	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum @6648.85	Nos.	4	1,329.77	5,319.08
57	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3=0.45 cum+Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	2	3,739.98	7,479.96
58	Concreting of 8 Mtr./9 Mtr. PSC Pole in ratio 1:1:5:3(500x500x1500mm)=0.375 cum + Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	2	3,241.31	6,482.62
59	Construction of plinth with Brick Mortar, 12 mm cement plaster and for 63 KVA Transformer as per standard drawing, scope of work includes excavation of earth, supply of all materials and disposal of extra malba as per EIC instruction and as per TPSODL.	Ls	1	28,000.00	28,000.00
60	Construction of Brick wall Boundary with GI gate with Lock and key arrangement and spreading of Gravel, sand etc(3 Mx3M space, 12 RM)	Ls	1	87,601.00	87,601.00
61	Survey of incremental / delta network and assets changes of 11 KV network and updatation in GESW database.	Km	0.15	9,633.00	1,444.95
62	Survey of incremental / delta network and assets changes of LT network and updatation in GESW database.	Km	0.035	9,633.00	337.16

63	Survey and digitization of new DSS and its internals including attrubutes.	Job	1	6,883.00	6,883.00
64	Dismantling of ACSR /AAAC 34 sq. mm for OH Line recoiling, loading, transportation, unloading and staking at a proper place in safe position/ site store.	Mtr.	145	6.44	933.80
65	Dismantling of 9/8 Mtr. PSC Pole after digging the pit and taking out the pole ,transportation, stacking the pole at a proper place in safe position with in 10 KM / site store and refilling the pit with Loose earth and ramming including removal and disposal of malba at proper location as per instruction of EIC.	Nos.	2	920.61	1,841.22
66	Dismantling of existing 11/0.4 KV, 33/0.4 KV Three phase Distribution Transformer 25 KVA including removal of HT /LT leads, earth connections and uploading by crane if required. Scope of work also includes loading , transportation, unloading and staking at a proper place in safe position/ site store.	No	1	1,534.35	1,534.35
	Total Rs.				147,857.14
	Sub Total Rs.				754,166.33
	Cess @ 1%				7,541.66
	Total Estimated Cost				761,708.00
	Total Estimated Cost in Figures				761,708.00
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)**