

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**  
**JANAPATH, BHOINAGAR, BHUBANESWAR - 22**  
**[Electrical Division]**  
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**E-mail :- pmelectricalophwc2021@gmail.com, Website: www.ophwc.nic.in**

**PRICE BID FOR THE WORK UNDER SL. NO :- 12 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 12 NOS F TYPE QUARTERS AT RESERVE OFFICE, BHADRAK IN THE DISTRICT OF BHADRAK.**

**BID REF NO :- 04/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. 2018-19	AMOUNT IN RS.
<b>SCOPE [A]</b>	Shifting of 11 KV line -0.02 Km.				
<b>SCOPE [B]</b>	Shifting and Upgradation of S/S from 150 KVA to 250 KVA (BIS energy Level-II) sub station -1 No.				
1	9 mtr RS Joist pole(150x150)mm(30.6 Kg/Mtr.)	No.	27	17901.00	483327.00
2	11 mtr RS Joist pole(150x150)mm(34.6 Kg/Mtr.)	No.	2	24739.00	49478.00
3	11 KV Pin Insulator porcelain(Polymer)	No.	6	200.00	1200.00
4	11 KV B&S Hardware fitting (70KN),3 Bolted	set	9	350.00	3150.00
5	Disc insulator(B&S)70 KN,polymer	No	9	1150.00	10350.00
6	Pressure Channel 100x50x6mm MS channel each 2.8 mtr long 2 Nos. (9.2 K.g per mtr)	Kg	51.52	65.00	3348.8
7	Transformer mounting channel 100x50x6mm MS channel each 2.8 mtr long (9.2K.g per mtr)x 2 nos	Kg	51.52	65.00	3348.8
8	AB switch & HG Fuse,Mounting MS Channel (75x40x6)-2.8mtr long 2 nos(4.5 k.g per mtr)	Kg	76.16	65.00	4950.4
9	Transformer belting angle 50x50x6mm MS channel each 2.8 mtr long (9.2K.g per mtr)x 2 nos	Kg	31.5	65.00	2047.5
10	Angel for mounting LT distribution Box - 50x50x6 mm -2.5.0 mtrs each Long 2 Nos. (4.5 Kg per mtr)	Kg	23	65.00	1495
11	Fish Plate -50x6 mm -2.36Kg/ mtrs each 0.280 mtr. Length, 6 Nos. required	Kg	3.96	75.00	297
12	3Pole 11KV 400A AB switch	set	1	11850.00	11850
13	3Pole 11KV 400A HG Fuse with PI	set	1	11530.00	11530
14	11 KV LA 12 KV-10 KA	No	3	3550.00	10650
15	HT stay set complete	Set	3	1050.00	3150

16	HT Stay clamp	Pair	3	125.00	375
17	HT Stay Insulator	No.	3	50.00	150
18	7/10 SWG Stay wire	Kg	30	75.00	2250
19	40mm dia GI pipe Earthing device 3 Mtrs. Long	No.	5	1050.00	5250
20	Material for masonry work for earthpit, charcoal, salt etc. including construction of earth chamber(size 2"x2") and RCC slab Cover	Ls	5	1600.00	8000
21	No. 6/8 GI wire	Kg	8	75.00	600
22	25x5 mm GI Flat for neutral earthing	Kg	12	75.00	900
23	55 sq. mm Insulated conductor	Km	0.088	75920.14	6680.97
24	Earthing of support coil type	No	3	166.00	498.00
25	Anticlimbing device made of GI barbed wire with clamping arrangement(2 Kg. per support)	Kg	5	80.00	400.00
26	PG Clamp for 100 sq. mm AAA conductor	No	9	580.00	5220.00
27	Red Oxide Paint	Ltr	4	150.00	600.00
28	All. Paint	Ltr	4	200.00	800
29	Black Paint	Ltr	1	220.00	220
30	GI nut,bolt & washer	Kg	17	<b>78.00</b>	1326.00
31	LT Distrubution Box with MCCB, Aluminim Busbar of 3 Bay with kit kat Fuse for 250 KVA S/S.	No.	1	48000.00	48000
32	250 KVA 11/0.4 KV Transformer(BIS energy Level-II)	No.	1	268450.00	268450
33	240 sq. mm 3.5 core PVC Cable	Mtr.	30	808.00	24240
34	All. Cable socket of 240 sq. mm	No	12	45.00	540
35	3.5 core 185 sq. mm LT PVC cable(Armoured)	Mtr.	16	635.00	10160.00
36	ACB LT for 250 KVA S/S(400 Amp)	No	1	41850.00	41850.00
37	All. Cable Lug of different size	No	8	52.00	416.00
38	3x95+1x70+1x16 sq. mm LT XLPE Aerial Bunched cable	Km	0.9	243000.00	218700.00
39	LT stay set	Set	13	520.00	6760.00
40	7/12 SWG GI stay wire	Kg	130	75.00	9750.00
41	LT stay insulator	No.	13	110.00	1430.00
42	LT stay clamp	No.	13	30.00	390.00
43	Dead end clamp	No.	11	65.00	715.00
44	Suspension clamp with I hook for ABC	Pair	23	340.00	7820.00
45	Pole clamp for I hook(ABC)	No	29	200.00	5700.00
46	Piercing connector	No	86	80.00	6840.00
47	Neutral connector	No	29	40.00	1140.00
48	Sundries for survey, tree cutting , small size nut & bolt with washer, Allm. Binding tape, Danger Board etc.	Ls	1	3000.00	3000.00
49	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	1	2000.00	2000
50	TOTAL MATERIAL COST				<b>1291343.47</b>
51	Escalation @6%for 2019-20				<b>1368824.08</b>
52	Escalation @6%for 2020-21				<b>1450953.53</b>

53	Escalation @6%for 2021-22				<b>1538010.74</b>
54	Escalation @6%for 2022-23				<b>1630291.38</b>
<b>A</b>	Escalation @6%for 2023-24				<b>1728108.86</b>
<b>B</b>	Stock, Storage & Insurance @ 3% of A				<b>51843.27</b>
<b>C</b>	Sub Total (C=A+B)				<b>1779952.13</b>
<b>D</b>	Contingency @3% of C				<b>53398.56</b>
<b>E</b>	T & P 2% of C				<b>35599.04</b>
<b>F</b>	Transportation @ 7.5% of C				<b>133496.41</b>
<b>G</b>	Erection Charges for PSC Pole @ 20%				
<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%				<b>55221.39</b>
<b>I</b>	Erection Charges of other @ 10%				<b>67552.44</b>
<b>J</b>	Sub Total				<b>21,25,219.98</b>
K	Transportation + Labour cost of Dismatled materials(as per Estimate)				22,458.00
L	Total Rs.				<b>21,47,677.98</b>
M	Salvage Value of Dismantled material				<b>19,600.00</b>
N	Total Cost				<b>21,28,077.98</b>
55	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.1485 cum(PCC 1:2:4)	No	16	834.00	<b>13344.00</b>
56	Material cost for Concreting of Joist Pole 1.8 Mtrx0.5 Mtr.x0.5 Mtr=0.45 cum(PCC 1:3:6)	No	29	2040.00	<b>59160.00</b>
57	Substation Brick Boundary wall with 1 Mtr. Gate and metal spreading	No	1	35000.00	<b>35000.00</b>
58	Plinth for Transformer	No	1	35297.00	<b>35297.00</b>
	Sub Total Rs.				<b>2270878.98</b>
	Cess @ 1%				<b>22708.79</b>
	Total Estimated Cost				<b>22,93,587.77</b>
	Total Estimated Cost in Figures				<b>22,93,588.00</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/-  
Project Manager(Elect.)

Sd/-  
DM (Elect) I/C