

**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.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 4 NOS F TYPE QUARTERS AT BARI POLICE STATION IN THE DISTRICT OF JAJPUR.**

**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. 2022-23	AMOUNT IN RS.
<b>SCOPE [A]</b>	<b>Upgradation of existing 25 KVA 11/0.4KV S/S to 63 KVA 11/0.4KV (Star Rated) DP mounted sub station - 1 No</b>				
<b>SCOPE [B]</b>	<b>Dismantling of 25 KVA 11/0.4KV sub station - 1 No</b>				
<b>SCOPE [C]</b>	<b>Dismantling of 3 ph 4 wire LT line - 0.120 Km</b>				
<b>SCOPE [D]</b>	<b>Construction of 3 ph 4 wire LT line - 0.5 Km</b>				
1	9 mtr Long 300 KG PSC Pole	No	15	3000.00	45000.00
2	Transformer belting Angle 50x50x6mm-2.8 mtr long 2 nos(4.5Kg per mtr)with side angle(Total 7 mtr)	Kg	32	65	2080.00
3	Angle for mounting LT Distribution Box (50x50x6)mm 2.5 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	23	65	1495.00
4	3Pole 11KV 400A AB switch	set	1	11850.00	11850.00
5	3Pole 11KV 400A HG fuse	set	1	11530.00	11530.00
6	Lightning arrester ,12 KV- 10KA	No.	3	3550.00	10650.00
7	HT stay set complete	Pair	2	1050.00	2100.00
8	HT Stay Insulator	No.	2	50.00	100.00
9	HT stay clamp	Pair	2	125.42	250.00
10	7/10 SWG Stay wire	Kg	20	75.42	1500.00
11	GI Pipe earthing 40 mm dia medium gauge 3 Mtrs. Long	No	5	1050.00	5250.00
12	No.6/8 GI wire(Dia 4.6 mm)	Kg	20	75.00	1500.00
13	25x5 mm GI flat for earthing	Kg	20	75.00	1500.00
14	Earthing coil type	Ls	4	166.00	664.00
15	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	30	80.00	2400.00
16	Red Paint	Ltr	3	150.00	450.00
17	All. Paint	Ltr	4	200	800
18	Black Paint	Ltr	0.5	220	110
19	GI nut,bolt & washer	Kg	56	78.00	4368.00
20	63 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	86500.00	86500.00

21	LT distribution Box with MCCB,Aluminium Bus bar of single-bay with kit-kat fuse for 63 KVA Transformer	No.	1	18322.00	18322.00
22	3x50+1x35+1x16mm2 AB cable	Km	0.55	140000.00	77000.00
23	Dead end clamp	No.	8	65.00	520.00
24	Suspension clamp with I hook	No.	10	340.00	3400.00
25	Pole clamp with I hook(ABC)	No.	18	200.00	3600.00
26	LT stay set	Set	6	520.00	3120.00
27	7/12 SWG GI stay wire	Kg	60	75.00	4500.00
28	LT stay insulator	No.	6	110.00	660.00
29	LT stay clamp	No.	6	75.00	180.00
30	185 sq. mm 3.5 core LT PVC cable	Mtr	15	749.30	11239.50
31	All. Cable socket of 185 sq. mm	No.	20	41.30	826.00
32	Earthing materials	Ls	5	1890.00	9450.00
33	Sundries for survey, tree cutting , small size nut & bolt with washer, Allm. Binding tape, Danger Board etc.	Ls	1.5	3000.00	4500.00
34	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	1	2000	2000
35	TOTAL MATERIAL COST				<b>329414.50</b>
36	Escalation @6%for 2019-20				<b>349179.37</b>
37	Escalation @6%for 2020-21				<b>370130.13</b>
38	Escalation @6%for 2021-22				<b>392337.94</b>
39	Escalation @6%for 2022-23				<b>415878.22</b>
A	Escalation @6%for 2023-24				<b>440830.91</b>
B	Stock, Storage & Insurance @ 3% of A				<b>13224.93</b>
C	Sub Total (C=A+B)				<b>454055.84</b>
D	Contingency @3% of C				<b>13621.68</b>
E	T & P 2% of C				<b>9081.12</b>
F	Transportation @ 7.5% of C				<b>34054.19</b>
G	Erection Charges for PSC Pole @ 20%				<b>12405.35</b>
H	Erection Charges of DTR and Joist Poles @ 5%				<b>5961.46</b>
I	Erection Charges of other @ 10%				<b>27279.99</b>
J	Sub Total				<b>556459.62</b>
K	Labour+Transportation charges for Dismantling as per estimate	Ls	1	<b>9714.00</b>	<b>9714.00</b>
L	Total Rs.				<b>566173.62</b>
40	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.1485 cum(PCC 1:2:4)	No	8	965.00	7720.00
41	Material cost for Concreting of PSC Pole1.8 Mtrx0.5 Mtr.x0.5 Mtr=0.1485 cum(PCC 1:2:4)	No	15	2369.30	35539.50
42	Sub-station Fencing with metal spreading	No	1	19000.00	19000.00
	Sub Total Rs.				<b>6,28,433.12</b>
	Cess @1%				<b>6,284.33</b>
	Total Estimated Cost				<b>6,34,717.45</b>

	Total Estimated Cost in Figures				<b>6,34,717.00</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