

**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 :- 03 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 4-E+4-F TYPE QUARTERS AT JAJPUR ROAD POLICE STATION IN THE DISTRICT OF JAJPUR.**

**BID REF NO :- 92/PM/ELECT/OPHWC/2023-24**

<b>NAME &amp; ADDRESS OF THE FIRM</b>	
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**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>	Erection of interposing Pole on 11 KV Line-1 No.				
<b>SCOPE [B]</b>	Upgradation of 25 KVA S/S to 63 KVA 11/0.4KV (Star Rated) DP mounted sub station - 1 No(on existing DP)				
<b>SCOPE [C]</b>	Construction of 3 ph 5 wire LT line using 3X50+1X35+1x16 sq. mm XLPE Cable- 0.350 Km				
<b>SCOPE [D]</b>	Dismantaling of existing 25 KVA 11/0.4 KV S/S-1 No.				
1	9 mtr Long 300 Kg PSC pole	No.	13	3000.00	39000.00
2	11 mtr Long RS Joist pole(34.6 Kg/Mtr.)(SAIL/JINDAL/TATA MAKE)Proof of purchase of Joist poles should be submitted)	No.	1	<b>24739.00</b>	<b>24739.00</b>
3	11 K.V. V cross arm	No.	1	810.16	810.16
4	11 KV F clamp	No.	1	240.00	240.00
5	Back clamp for V cross arm	No.	1	80.00	80.00
6	11 KV Pin Insulator polymer	No.	3	200.00	600.00
7	11 KV T&C Hardware (45KN)	set	3	130.00	390.00
8	Disc insulator(T&C)45 KN Polymer	No	3	860.00	2580.00
9	3Pole 11KV 400A AB switch	set	1	11850.00	11850.00
10	3Pole 11KV 400A HG fuse	set	1	11530.00	11530.00
11	Lightning arrester ,12 KV- 10KA	No.	3	3550.00	10650.00
12	HT stay set complete	Pair	1	1050.00	1050.00
13	HT Stay Insulator	No.	1	50.00	50.00
14	HT stay clamp	Pair	1	125.42	125.00
15	7/10 SWG Stay wire	Kg	10	75.42	750.00

16	GI Pipe earthing 40 mm dia medium gauge 3 Mtrs. Long	No	3	1050.00	3150.00
17	No.6/8 GI wire(Dia 4.6 mm)	Kg	20	75.00	1500.00
18	25x5 mm GI flat for earthing	Kg	20	75.00	1500.00
19	55 sq. mm 11 KV Insulated conductor	Km	0.04	75920.34	3036.81
20	Earthing coil type	Ls	12	166.00	1992.00
21	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	2	80.00	160.00
22	Red Paint	Ltr	3	150.00	450.00
23	All. Paint	Ltr	4	200	800
24	Black Paint	Ltr	0.5	220	110
25	GI nut,bolt & washer	Kg	10	78.00	780.00
26	63 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	86500.00	86500.00
27	LT distribution Box with MCCB,Aluminium Bus bar of singe-bay with kit-kat fuse for 63 KVA Transformer	No.	1	18322.00	18322.00
28	185 sq. mm 3.5 core cable	Mtr	15	635.00	9525.00
29	All. Cable socket	No.	32	35.00	1120.00
30	3x50+1x35+1x16mm <sup>2</sup> AB cable	Km	0.385	140000.00	53900.00
31	Dead end clamp	No.	8	82.06	520.00
32	Suspension clamp with I hook	No.	5	429.24	1700.00
33	Pole clamp with I hook(ABC)	Ltr	13	212.00	2600.00
34	Piercing connector	Ltr	24	84.80	1920.00
35	Neutral connector	Ltr	8	42.40	320.00
36	LT stay set	Set	5	656.49	2600.00
37	7/12 SWG GI stay wire	Kg	50	94.69	3750.00
38	LT stay insulator	No.	5	138.87	550.00
39	LT stay clamp	No.	5	37.87	150.00
40	Earthing materials	Ls	3	1889.83	5669.49
41	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	1.35	2000	2700
42	TOTAL MATERIAL COST				<b>309769.46</b>
43	Escalation @6%for 2019-20				<b>328355.63</b>
44	Escalation @6%for 2020-21				<b>348056.97</b>
45	Escalation @6%for 2021-22				<b>368940.39</b>
46	Escalation @6%for 2022-23				<b>391076.81</b>
<b>A</b>	Escalation @6%for 2023-24				<b>414541.42</b>
<b>B</b>	Stock, Storage & Insurance @ 3% of A				<b>12436.24</b>
<b>C</b>	Sub Total (C=A+B)				<b>426977.66</b>
<b>D</b>	Contingency @3% of C				<b>12809.33</b>
<b>E</b>	T & P 2% of C				<b>8539.55</b>
<b>F</b>	Transportation @ 7.5% of C				<b>32023.32</b>
<b>G</b>	Erection Charges for PSC Pole @ 20%				<b>10751.30</b>

<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%				<b>7666.44</b>
<b>I</b>	Erection Charges of other @ 10%				<b>21989.24</b>
<b>J</b>	Sub Total				<b>520756.85</b>
<b>K</b>	Labour+Transportation charges(detail as per estimate)				<b>8740.00</b>
<b>L</b>	Total Rs.				<b>529496.85</b>
<b>M</b>	Salvage value of Dismantaled materials				<b>7116.00</b>
<b>N</b>	Sub total Rs.				<b>522380.85</b>
47	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No	6	<b>834.00</b>	<b>5004.00</b>
48	Material cost for Concreting of psc Pole1.8 Mtrx0.5 Mtr.x0.5 Mtr=0.45 cum(PCC 1:3:6)	No	13	<b>834.00</b>	<b>10842.00</b>
49	Material cost for Concreting of Joist Pole1.8 Mtrx0.5 Mtr.x0.5 Mtr=0.45 cum(PCC 1:3:6)	No	1	<b>2040.00</b>	<b>2040.00</b>
50	Substation fencing with metal spreing	No	1	<b>19000.00</b>	<b>19000.00</b>
	Total Estimated Cost				<b>559,266.85</b>
	Total Estimated Cost in Figures				<b>559,267.00</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/-  
Dy. Manager (Elect) I/C**

**Sd/-  
Project Manager(Elect.)**