

**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 :- 01 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 6-F TYPE QUARTERS AT BINJHARPUR FIRE STATION IN THE DISTRICT OF JAJPUR.**

**BID REF NO :- 65/PM/ELECT/OPHWC/2023-24**

**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>Construction of 11 Mt. Long Joist Pole-02 Nos.</b>				
<b>SCOPE [B]</b>	<b>Installation of 63 kVA S/S with 400 AMP AB SWITCH,HG FUSE,LA)-1 No.</b>				
<b>SCOPE [C]</b>	<b>Conversion of 11 KV OH line with 55 sq. mm AAAC to 55 sq. mm Insulted conductor-0.21 Km(over existing support)</b>				
<b>SCOPE [D]</b>	<b>Construction of 3 Ph 4W LT Line with 3x50+1x35 sq. mm LT AB Cable-0.24 Km.</b>				
<b>SCOPE [E]</b>	<b>Dismantling of 11 KV Line with 5 sq. mm AAAC-0.21 Km</b>				
<b>SCOPE [F]</b>	<b>Dismantling of existing 25 KVA ,11/0.4 KV Transformer,AB switch,HG Fuse,LA &amp; DB.</b>				
1	9 mtr Long 300 Kg PSC pole	No.	6	3000.00	18,000.00
2	11 mtr Long GI Joist pole(34.6 Kg/Mtr.)(SAIL/JINDAL/TATA MAKE)	No.	2	24739.00	49,478.00
3	11 K.V. V cross arm	No.	2	810.00	1,620.00
4	11 KV F clamp	No.	2	240.00	480.00
5	Back clamp for V cross arm	No.	2	80.00	160.00
6	11 KV Pin Insulator polymer	No.	6	200.00	1,200.00
7	11 KV T&C Hardware (45KN)	set	12	130.00	1,560.00
8	Disc insulator(T&C)45 KN Polymer	No	12	860.00	10,320.00
15	3Pole 11KV 400A AB switch	set	1	11850.00	11,850.00
16	3Pole 11KV 400A HG fuse with PI	set	1	11529.66	11,529.66
17	Lightning arrester ,12 KV- 10KA	No.	3	3550.00	10,650.00

9	HT stay set complete	Pair	4	1050.00	4,200.00
10	HT Stay Insulator	No.	4	50.00	200.00
11	HT stay clamp	Pair	4	125.42	500.00
12	7/10 SWG Stay wire	Kg	40	75.42	3,000.00
22	GI Pipe earthing 40 mm dia medium gauge 3 Mtrs. Long	No	5	1050.00	5,250.00
21	No.6/8 GI wire(Dia 4.6 mm)	Kg	10	75.00	750.00
19	25x5 mm GI flat for earthing	Kg	20	75.00	1,500.00
23	55 sq. mm 11 KV Insulated conductor	Km	0.7	75920.34	53,144.24
27	Earthing coil type	Ls	2	166.00	332.00
26	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	4	80.00	320.00
30	Red Paint	Ltr	3	150.00	450.00
31	All. Paint	Ltr	4	200	800.00
32	Black Paint	Ltr	0.5	220	110.00
22	GI nut,bolt & washer	Kg	30	78.00	2,340.00
12	63 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	86500.00	86,500.00
13	LT distribution Box with MCCB,Aluminium Bus bar of singe-bay with kit-kat fuse for 63 KVA Transformer	No.	1	18322.00	18,322.00
14	185 sq. mm 3.5 core cable	Mtr	15	635.00	9,525.00
24	All. Cable socket	No.	32	35.00	1,120.00
38	3x50+1x35+1x16mm2 AB cable	Km	0.265	130000.00	34,450.00
43	Dead end clamp	No.	2	82.06	130.00
44	Suspension clamp with I hook	No.	4	429.24	1,360.00
45	Pole clamp with I hook(ABC)	Ltr	6	212.00	1,200.00
46	Piercing connector	Ltr	18	84.80	1,440.00
47	Neutral connector	Ltr	6	42.40	240.00
39	LT stay set	Set	3	656.49	1,560.00
40	7/12 SWG GI stay wire	Kg	30	94.69	2,250.00
41	LT stay insulator	No.	3	138.87	330.00
42	LT stay clamp	No.	3	37.87	90.00
	Earthing materials	Ls	5	1889.83	9,449.15
48	Sundries for survey, tree cutting , small size nut & bolt with washer, Allm. Binding tape, Danger Board etc.	Ls	1.21	3000.00	3,630.00
49	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	0.21	2000	420.00
50	TOTAL MATERIAL COST				<b>361,760.05</b>
51	Escalation @6%for 2019-20				<b>383,465.65</b>
52	Escalation @6%for 2020-21				<b>406,473.59</b>
53	Escalation @6%for 2021-22				<b>430,862.01</b>
54	Escalation @6%for 2022-23				<b>456,713.73</b>
<b>A</b>	Escalation @6%for 2023-24				<b>484,116.55</b>
<b>B</b>	Stock, Storage & Insurance @ 3% of A				<b>14,523.50</b>

<b>C</b>	Sub Total (C=A+B)				<b>498,640.05</b>
<b>D</b>	Contingency @3% of C				<b>14,959.20</b>
<b>E</b>	T & P 2% of C				<b>9,972.80</b>
<b>F</b>	Transportation @ 7.5% of C				<b>37,398.00</b>
<b>G</b>	Erection Charges for PSC Pole @ 20%				<b>4,962.14</b>
<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%				<b>9,371.42</b>
<b>I</b>	Erection Charges of other @ 10%				<b>28,640.10</b>
<b>J</b>	Sub Total				<b>603,943.71</b>
<b>K</b>	Transportation + Labour cost of Dismatled materials(as per Estimate)				15,256.00
	Total Rs.				<b>619,199.71</b>
	Salvage Value of Dismantled material				<b>12,182.88</b>
	Total Cost				<b>607,016.83</b>
34	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No	7	<b>965.00</b>	<b>6,755.00</b>
35	Material cost for Concreting of PSC Pole1.80 Mtrx0.45 Mtr.x0.45 Mtr=0.3645 cum(PCC 1:3:6)	No	6	<b>2369.49</b>	<b>15,350.40</b>
35	Material cost for Concreting of Joist Pole2.46 Mtrx0.4 Mtr.x0.4 Mtr=0.34 cum(PCC 1:3:6)	No	2	<b>2215.20</b>	<b>5,116.80</b>
36	Substation Brick Boundary wall with 1 Mtr. Gate and metal spreading	No	1	<b>35000.00</b>	<b>35,000.00</b>
	Total Estimated Cost				<b>669,239.03</b>
	Total Estimated Cost in Figures				<b>669,239.00</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/-  
Asst. Project Manager (Elect) (Hqr)**

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