

**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 / www.ophwc.com**

**PRICE BID FOR THE WORK UNDER SL. NO :- 05 AS PER IFB**

**NAME OF THE WORK :-EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO REVISIONAL COURT BUILDING AT KEONJHAR IN THE DISTRICT OF KEONJHAR.**

**BID REF NO :- 13/PM/ELECT/OPHWC/2024-25**

<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.	AMOUNT IN RS.
<b>SCOPE [A]</b>	Installation of 63 KVA 11/0.4KV S/S- 1 No				
<b>SCOPE [B]</b>	Construction of 3 ph 3 wire 11 KV line using 100 sq. mm XLPE Insulated AAAC-0.010 Km				
<b>SCOPE [C]</b>	Construction of 3 ph 4 wire LT line using 3X50+1X35+1x16 sq. mm XLPE Cable- 0.2 Km				
	<b>11 KV LINE</b>				
1	11 mtr Long 150X150 GI Joist pole(34.6 Kg/Mtr.)(SAIL/JINDAL/TATA MAKE)	No.	1	28545.00	28545.00
2	11 KV Pin Insulator polymer	No.	3	200.00	600.00
3	11 K.V. V cross arm	No.	1	810.00	810.00
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 T&C Hardware (45KN)	set	3	130.00	390.00
7	Disc insulator(T&C)45 KN Polymer	No	3	860.00	2580.00
8	100x50x6 mm GI Channel	Kg	27	75.00	2025.00
9	11 KV 100 sq. mm XLPE Insulated covered AAA Conductor (Un-Armoured)	Km	0.033	90000.00	2970.00
10	PG clamp for 100 sq. mm conductor	No	3	580.00	1740.00
11	Aluminium binding wire	Kg	2	420.00	840.00
12	HT stay set complete	Set	1	1050.00	1050.00
13	HT Stay Insulator	No.	1	50.00	50.00
14	HT stay Clamp	Pair	1	125.00	125.00
15	7/10 SWG Stay wire	Kg	10	75.00	750.00
16	Earthing Device coil type	No	1	166.00	166.00

17	Anticlimbing device made of GI Barbed wire , clamping arrangement(2 Kg per Support)	Kg	2	80.00	160.00
18	GI nut,bolt & washer of different sizes	Kg	10	78.00	780.00
19	Danger Board	No	1	80.00	80.00
20	Black Paint,yellow paint	Ltr	2	220.00	440.00
21	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	1	3000	3000.00
22	TOTAL MATERIAL COST				<b>47421.00</b>
23	Escalation @6%for 2019-20				<b>50266.26</b>
24	Escalation @6%for 2020-21				<b>53282.24</b>
25	Escalation @6%for 2021-22				<b>56479.17</b>
26	Escalation @6%for 2022-23				<b>59867.92</b>
<b>A</b>	Escalation @6%for 2023-24				<b>63460.00</b>
<b>B</b>	Stock, Storage & Insurance @ 3% of A				<b>1903.80</b>
<b>C</b>	Sub Total (C=A+B)				<b>65363.79</b>
<b>D</b>	Contingency @3% of C				<b>1960.91</b>
<b>E</b>	T & P 2% of C				<b>1307.28</b>
<b>F</b>	Transportation @ 7.5% of C				<b>4902.28</b>
<b>G</b>	Erection Charges for PSC Pole @ 20%				
<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%				<b>1967.28</b>
<b>I</b>	Erection Charges of other @ 10%				<b>2601.82</b>
<b>J</b>	Sub Total				<b>78103.37</b>
27	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No	1	965.00	965.00
28	Material cost for Concreting of Joist Pole 2.13 Mtrx0.4 Mtr.x0.4 Mtr=0.34 cum(PCC 1:3:6)	No	1	2215.00	2215.00
					<b>81283.37</b>
	<b>Installation of 63 KVA 11/0.4KV (Star Rated) DP mounted sub station - 1 No</b>				
1	11 mtr Long 150X150 GI Joist pole(34.6 Kg/Mtr.)(SAIL/JINDAL/TATA MAKE)	No.	2	28545.00	57090.00
2	11 KV Pin Insulator polymer	No.	3	200.00	600.00
3	11 KV T&C Hardware (45KN)	set	3	130.00	390.00
4	Disc insulator(T&C)45 KN Polymer	No	3	860.00	2580.00
5	100x50x6mm GI channel each 2.8 mtr long 4 Nos. (9.2 K.g per mtr)	Kg	103.04	75.00	7728.00

6	75x40x6mm GI channel each 2.8 mtr long (6.8 K.g per mtr)with side angle	Kg	76.16	75.00	5712.00
7	50x50x6mm GI Angle each 2.8 mtr long (4.5 K.g per mtr)with side angle	Kg	50.4	75.00	3780.00
8	HT stay set complete	Set	2	1050.00	2100.00
9	HT Stay Insulator	No.	2	50.00	100.00
10	HT stay Clamp	Pair	2	125.00	250.00
11	7/10 SWG Stay wire	Kg	20	75.00	1500.00
12	55 sq. mm Insulated conductor	Km	0.04	75816.00	3032.64
13	63 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	86500.00	86500.00
14	LT distribution Box including kit-kat fuse with MCCB for 63 KVA Transformer	No.	1	18322.00	18322.00
15	3Pole 11KV 200A AB switch, 3 Pole 50 HZ	set	1	7350.00	7350.00
16	3Pole 11KV 200A HG Fuse,3 Pole 50 HZ with PI	set	1	6120	6120.00
17	11 KV LA12 KV-10 KA	No	3	3550	10650.00
18	GI Pipe earthing 40 mm dia medium gauge 3 Mtrs. Long	No	5	1050.00	5250.00
19	25x6 mm GI flat for earthing	Kg	49.56	75.00	3717.00
20	25x5 mm GI flat for neutral earthing	Kg	37.76	75.00	2832.00
21	No.6/8 GI wire(dia 4.6 mm)	Kg	5	75.00	375.00
22	GI nut,bolt & washer	Kg	36	78.00	2808.00
23	3.5 core 35 sq. mm PVC cable(Un-Armoured)	Mtr	15	152.00	2280.00
24	Earthing Device coil type	No	2	166.00	332.00
25	Danger Board	No	2	80.00	160.00
26	Anticlimbing device made of GI Barbed wire , clamping arrangement(2 Kg per Support)	Kg	4	80.00	320.00
27	All. Cable sockets	No	30	52.00	1560.00
28	Earthing materials	No	5	1890.00	9450.00
29	Black Paint,yellow paint	Ltr	2	220.00	440.00
30	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	1	3000	3000.00
31	TOTAL MATERIAL COST				<b>246328.64</b>
32	Escalation @6%for 2019-20				<b>261108.36</b>
33	Escalation @6%for 2020-21				<b>276774.86</b>
34	Escalation @6%for 2021-22				<b>293381.35</b>
35	Escalation @6%for 2022-23				<b>310984.23</b>
<b>A</b>	Escalation @6%for 2023-24				<b>329643.29</b>
<b>B</b>	Stock, Storage & Insurance @ 3% of A				<b>9889.30</b>
<b>C</b>	Sub Total (C=A+B)				<b>339532.59</b>

D	Contingency @3% of C				<b>10185.98</b>
E	T & P 2% of C				<b>6790.65</b>
F	Transportation @ 7.5% of C				<b>25464.94</b>
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				<b>9896.02</b>
I	Erection Charges of other @ 10%				<b>14161.21</b>
J	Sub Total				<b>406031.39</b>
36	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No	2	965.00	1930.00
37	Material cost for Concreting of Joist Pole 2.13 Mtrx0.4 Mtr.x0.4 Mtr=0.34 cum(PCC 1:3:6)	No	2	2215.00	4430.00
38	barbed fencing with Grill gate ,metal & Sand	Ls	1	35000.00	35000.00
	<b>Total Rs.(Part-B)</b>				<b>447391.39</b>
	<b>Construction of 3 ph 5 wire LT line using 3X50+1X35+1x16 sq. mm XLPE Cable-0.2 Km</b>				
1	9 mtr Long 150X150 GI Joist pole(30.6 Kg/Mtr.)(SAIL/JINDAL/TATA MAKE)	No.	6	20655.00	123930.00
2	AB cable(3X50+1X35+1x16) sq. mm	Mtr.	206	140.00	28840.00
3	LT Stay set complete	Set	4	520.00	2080.00
4	7/12 SWG GI stay wire	Kg	40	75.00	3000.00
5	LT stay insulator	No.	4	30.00	440.00
6	LT stay clamp	No.	4	110.00	120.00
7	Pole clamp with I hook(ABC)	Pair	7	200.00	1400.00
8	Dead end clamp	No.	2	65.00	130.00
9	Suspension clamp	No.	5	340.00	1700.00
10	Piercing connector	No.	3	80.00	240.00
11	Neutral connector	No.	1	40.00	40.00
12	GI nut,bolt of assorted size	Kg	5	78.00	390.00
13	No. 6 GI wire	Kg	3	75.00	225.00
14	Earthing Device coil type	No	6	166.00	996.00
15	Anticlimbing device made of GI Barbed wire , clamping arrangement(2 Kg per Support)	Kg	12	80.00	960.00
16	4 way service Distribution Box with kitkat Fuse	No	3	2210.00	6630.00
17	All. Cable socket 95 sq. mm	No	12	20.00	240.00
18	3.5 core 35 sq. mm PVC cable	Mtr	6	152.00	912.00
19	Black yellow paint	Ltr	4	220.00	880.00
20	Danger Board	No	6	80.00	480.00
21	Sundries for survey,tree cutting, insulated Tape, Mceal compound etc.	Ls	1	3000	3000.00

22	<b>Total Rs.(Part-C)</b>				<b>176633.00</b>
23	Escalation @6%for 2019-20				<b>187230.98</b>
24	Escalation @6%for 2020-21				<b>198464.84</b>
25	Escalation @6%for 2021-22				<b>210372.73</b>
26	Escalation @6%for 2022-23				<b>222995.09</b>
<b>A</b>	Escalation @6%for 2023-24				<b>236374.80</b>
<b>B</b>	Stock, Storage & Insurance @ 3% of A				<b>7091.24</b>
<b>C</b>	Sub Total (C=A+B)				<b>243466.04</b>
<b>D</b>	Contingency @3% of C				<b>7303.98</b>
<b>E</b>	T & P 2% of C				<b>4869.32</b>
<b>F</b>	Transportation @ 7.5% of C				<b>18259.95</b>
<b>G</b>	Erection Charges for PSC Pole @ 20%				
<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%				<b>8541.08</b>
<b>I</b>	Erection Charges of other @ 10%				<b>7264.44</b>
<b>J</b>	Sub Total				<b>289704.82</b>
27	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No	4	965.00	3860.00
28	Material cost for Concreting of Joist Pole1.8 Mtrx0.4 Mtr.x0.4 Mtr=0.288 cum(PCC 1:3:6)@6500	No	6	1872.00	11232.00
	Total Rs.				<b>304796.82</b>
	Sub Total Rs.				<b>8,33,471.58</b>
	Cess @ 1%				<b>8,334.72</b>
	Total Estimated Cost				<b>8,41,806.29</b>
	Total Estimated Cost in Figures				<b>8,41,806.00</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/-  
DM (Elect) I/C

Sd/-  
Project Manager(Elect.)