

**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 :- 10 AS PER IFB**

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

**BID REF NO :-105/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.	AMOUNT IN RS.
	<b>11 KV LINE -0.09 KM</b>				
1	11 mtr Long 150X150 mm RS Joist pole(34.6 Kg/Mtr.)(SAIL/JINDAL/TATA MAKE)	No.	1	24739.00	24739.00
2	11 KV T&C Hardware (45KN)	set	6	130.00	780.00
3	Disc insulator(T&C)45 KN Polymer	No	6	860.00	5160.00
4	11 K.V. V cross arm	No.	1	810.00	810.00
5	11 KV F clamp	No.	1	240.00	240.00
6	Back clamp for V cross arm	No.	1	80.00	80.00
7	11 KV Pin Insulator polymer	No.	6	200.00	1200.00
8	100x50x6 mm MS channel	Kg	27	65.00	1755.00
9	75x40x6 mm MS channel	Kg	14	65.00	910.00
10	3 Core 50 sq. mm 11 KV XLPE cable(armoured)A2XFY	Mtr.	90	406.00	36540.00
11	All. Binding wire	Kg	4	420.00	1680.00
12	Earthing coil type	No	1	166.00	166.00
13	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	2	80.00	160.00
14	HT stay set complete	Pair	1	1050.00	1050.00
15	HT Stay Insulator	No.	1	50.00	50.00
16	HT stay clamp	Pair	1	125.42	125.00
17	7/10 SWG Stay wire	Kg	10	75.42	750.00
18	GI nut,bolt & washer	Kg	15	78.00	1170.00
19	Red Oxide paint	Ltr	3	150	450.00
20	All. Paint	Ltr	2	200	400.00
21	Black Paint	Ltr	1	220	220.00
22	Heat Shrinkable jointing kit for 3Cx50 sq. mm 11 KV XLPE cable(Outdoor Type)	EA	4	10949.00	43796.00

23	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	1	3000	3000.00
24	TOTAL MATERIAL COST				<b>125231.00</b>
25	Escalation @6%for 2019-20				<b>132744.86</b>
26	Escalation @6%for 2020-21				<b>140709.55</b>
27	Escalation @6%for 2021-22				<b>149152.12</b>
28	Escalation @6%for 2022-23				<b>158101.25</b>
<b>A</b>	Escalation @6%for 2023-24				<b>167587.33</b>
<b>B</b>	Stock, Storage & Insurance @ 3% of A				<b>5027.62</b>
<b>C</b>	Sub Total (C=A+B)				<b>172614.95</b>
<b>D</b>	Contingency @3% of C				<b>5178.45</b>
<b>E</b>	T & P 2% of C				<b>3452.30</b>
<b>F</b>	Transportation @ 7.5% of C				<b>12946.12</b>
<b>G</b>	Erection Charges for PSC Pole @ 20%				
<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%				<b>1704.98</b>
<b>I</b>	Erection Charges of other @ 10%				<b>13851.54</b>
<b>J</b>	Sub Total				<b>209748.34</b>
29	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No	1	<b>1138.70</b>	<b>1138.70</b>
30	Material cost for Concreting of Joist Pole1.8 Mtrx0.4 Mtr.x0.4 Mtr=0.29 cum(PCC 1:3:6)	No	1	<b>2613.70</b>	<b>2613.70</b>
	<b>Total Rs.</b>				<b>2,13,500.74</b>
	<b>SUB STATION(100 KVA)</b>				
1	11 mtr Long 150X150 mm RS Joist pole(34.6 Kg/Mtr.)(SAIL/JINDAL/TATA MAKE)	No.	2	24739.00	49478.00
2	Pressure Channel 100x50x6mm MS channel each 2.8 mtr long 2 Nos. (9.2 K.g per mtr)	Kg	104	65.00	6760.00
3	Transformer mounting channel 100x50x6mm MS channel each 2.8 mtr long (9.2K.g per mtr)x 2 nos	Kg	76	65.00	4940.00
4	Transformer belting angle 50x50x6mm MS channel each 2.8 mtr long (9.2K.g per mtr)x 2 nos	Kg	32	65.00	2080.00
5	Angle for mounting LT Distribution Box (50x50x6)mm 2.5 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	23	65	1495.00
6	3Pole 11KV 200A AB switch	set	1	7350.00	7350.00
7	3Pole 11KV 200A HG Fuse	set	1	6120.00	6120.00
8	11 KV LA12 KV-10 KA	No	3	3550.00	10650.00

9	HT stay set complete	Set	2	1050	2100.00
10	HT Stay clamp	Pair	2	125	250.00
11	HT Stay Insulator	No.	2	50	100.00
12	7/10 SWG Stay wire	Kg	20	75	1500.00
13	40mm dia GI pipe Earthing device 3 Mtrs. Long	No.	5	1050	5250.00
14	No. 6 GI wire	Kg	20	75	1500.00
15	25x5 mm GI Flat for neutral earthing	Kg	75	75	5625.00
16	55 sq. mm OH insulated conductor	Km	75816	0.04	3032.64
17	Red Oxide paint	Ltr	4	150	600.00
18	All. Paint	Ltr	3	200	600.00
19	Black Paint	Ltr	2	220	440.00
20	GI Nut, Bolt & washer	Kg	36	78	2808.00
21	100 KVA 11/0.4 KV Transformer(BIS energy Level-II)	No.	1	117000.00	117000.00
22	LT distribution Box including kit-kat fuse with MCCB for 100 KVA Transformer	No.	1	24419.00	24419.00
23	35 sq. mm 3.5 core PVC Cable	Mtr.	15	152	2280.00
24	All. Cable Lug of different sizes	No	25	35	875.00
25	Earthing materials	No	5	1890.00	9450.00
26	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	1	3000	3000.00
27	TOTAL MATERIAL COST				<b>269702.64</b>
28	Escalation @6%for 2019-20				<b>285884.80</b>
29	Escalation @6%for 2020-21				<b>303037.89</b>
30	Escalation @6%for 2021-22				<b>321220.16</b>
31	Escalation @6%for 2022-23				<b>340493.37</b>
A	Escalation @6%for 2023-24				<b>360922.97</b>
B	Stock, Storage & Insurance @ 3% of A				<b>10827.69</b>
C	Sub Total (C=A+B)				<b>371750.66</b>
D	Contingency @3% of C				<b>11152.52</b>
E	T & P 2% of C				<b>7435.01</b>
F	Transportation @ 7.5% of C				<b>27881.30</b>
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				<b>11473.44</b>
I	Erection Charges of other @ 10%				<b>14228.20</b>
J	Sub Total				<b>443921.13</b>
32	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No	2	1138.70	2277.40
33	Material cost for Concreting of Joist Pole1.8 Mtrx0.4 Mtr.x0.4 Mtr=0.29 cum(PCC 1:3:6)	No	2	2613.70	5227.40

34	Boundary wall with bricks	Ls	1	35000.00	35000.00
35	Plinth for S/S	No	1	35000.00	35000.00
	Total Rs.				<b>5,21,425.93</b>
	<b>LT LINE-309 MTR.</b>				
1	9 mtr Long 116x100 mm RS Joist pole(23Kg/Mtr.)(SAIL/JINDAL/TAT A MAKE)	No.	7	13455.00	94185.00
2	LT XLPE AB cable(3x95+1x70+1x16) sq. mm	Mtr.	309	243.00	75087.00
3	LT Stay set complete	Set	5	520.00	2600.00
4	7/12 SWG GI stay wire	Kg	50	75.00	3750.00
5	LT stay insulator	No.	5	30.00	550.00
6	LT stay clamp	No.	5	110.00	150.00
7	Pole clamp with I hook(ABC)	Pair	8	200.00	1600.00
8	Suspension clamp with I hook	No.	5	340.00	1700.00
9	Dead end clamp	No.	5	65.00	325.00
10	Piercing connector	No.	24	80.00	1920.00
11	Neutral connector	No.	8	40.00	320.00
12	GI nut,bolt of assorted size	Kg	40	78.00	3120.00
13	No. 6 GI wire	Kg	10	75.00	750.00
14	Earthing coil	No	7	166.00	1162.00
15	4 way service Distribution Box with kit kat Fuse	No	4	2210.00	8840.00
16	All. Cable socket 95 sq. mm	No	16	20.00	320.00
17	3.5 core 35 sq. mm PVC cable	Mtr.	8	152	1216.00
18	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	14	80.00	1120.00
19	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	1	3000	3000.00
20	<b>Total Rs.</b>				<b>201715.00</b>
21	Escalation @6%for 2019-20				<b>213817.90</b>
22	Escalation @6%for 2020-21				<b>226646.97</b>
23	Escalation @6%for 2021-22				<b>240245.79</b>
24	Escalation @6%for 2022-23				<b>254660.54</b>
<b>A</b>	Escalation @6%for 2023-24				<b>269940.17</b>
<b>B</b>	Stock, Storage & Insurance @ 3% of A				<b>8098.21</b>
<b>C</b>	Sub Total (C=A+B)				<b>278038.38</b>
<b>D</b>	Contingency @3% of C				<b>8341.15</b>
<b>E</b>	T & P 2% of C				<b>5560.77</b>
<b>F</b>	Transportation @ 7.5% of C				<b>20852.88</b>
<b>G</b>	Erection Charges for PSC Pole @ 20%				
<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%				<b>6491.10</b>
<b>I</b>	Erection Charges of other @ 10%				<b>14821.64</b>

J	Sub Total				<b>334105.91</b>
25	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.1485 cum(PCC 1:3:6)	No	5	1138.70	5693.50
26	Material cost for Concreting of Joist Pole1.8 Mtrx0.4 Mtr.x0.4 Mtr=0.29cum(PCC 1:3:6)	No	7	2209.00	15463.00
	Total Rs.				<b>355262.41</b>
	Sub Total Rs.				<b>10,90,189.08</b>
	Cess @1%				<b>10,901.89</b>
	Total Estimated Cost				<b>11,01,090.97</b>
	Total Estimated Cost in Figures				<b>11,01,091.00</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/-  
D.M (Elect) I/C

Sd/-  
Project Manager(Elect.)