

**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.com /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 POLICE STATION BUILDING AND 4-F TYPE QTRS. AT REMUNA IN THE DIST. OF BALASORE.****BID REF NO :- 44/DGM/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. 2018-19	AMOUNT IN RS.
<b>SCOPE [A]</b>	<b>Construction of 3 ph 3W 11 KV Line -0.05 Km.</b>				
1	150x150 mm 11 Mtr. Long GI Joist Pole	No.	1	<b>28545.00</b>	28545.00
2	11 K.V. V cross arm	No.	1	<b>810.00</b>	810.00
3	11 KV F clamp	No.	1	240.00	240.00
4	Back clamp for V cross arm	No.	1	<b>80.00</b>	80.00
5	11 KV Pin Insulator polymer	No.	3	200.00	600.00
6	11 KV T&C Hardware (45KN)	set	3	<b>130.00</b>	390.00
7	Disc insulator(T&C)45 KN Polymer	No	3	<b>860.00</b>	2580.00
8	PG Clamp for 100 sq. mm AAA Conductor	No	3	580.00	1740.00
9	HT Stay set complete	Set	2	1050.00	2100.00
10	7/10 SWG Stay wire	Kg	20	75.00	1500.00
11	HT Stay Insulator	No.	2	50.00	100.00
12	HT stay clamp	Pair	2	125.00	250.00
13	11 KV 1 Core ,100 sq. mm XLPE insulated AAA conductor(Un armoured)	Km	0.155	90000.00	13905.00
14	100X50X6mm GI Channel(each 2.8 Mtr. Long (9.2 Kg/mtr.,2 Nos)with side angle	Kg	51.52	75.00	3864.00
15	GI nut,bolt & washer	Kg	10	<b>78.00</b>	780.00
16	Earthing support coil type	No	1	166.00	166.00
17	Danger Plate	No	1	80.00	80.00

18	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	2	<b>80.00</b>	160.00
19	Sundries	LS	1	3000.00	3000.00
20	TOTAL MATERIAL COST				<b>60890.00</b>
21	Escalation @6%for 2019-20				<b>64543.40</b>
22	Escalation @6%for 2020-21				<b>68416.00</b>
23	Escalation @6%for 2021-22				<b>72520.96</b>
24	Escalation @6%for 2022-23				<b>76872.22</b>
25	Escalation @6%for 2023-24				<b>81484.56</b>
<b>A</b>	Escalation @6%for 2024-25				<b>86373.63</b>
<b>B</b>	Stock, Storage & Insurance @ 3% of A				<b>2591.21</b>
<b>C</b>	Sub Total (C=A+B)				<b>88964.84</b>
<b>D</b>	Contingency @3% of C				<b>2668.95</b>
<b>E</b>	T & P 2% of C				<b>1779.30</b>
<b>F</b>	Transportation @ 7.5% of C				<b>6672.36</b>
<b>G</b>	Erection Charges for PSC Pole @ 20%				
<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%				<b>2085.32</b>
<b>I</b>	Erection Charges of other @ 10%				<b>4725.85</b>
<b>J</b>	Sub Total				<b>106896.61</b>
26	Material cost for Concreting of Joist pole 2.13 Mtrx0.4 Mtr.x0.4 Mtr=0.34 cum(PCC 1:3:6)	No	1	2803.61	<b>2803.61</b>
27	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	<b>1930.00</b>
					<b>4733.61</b>
	<b>Total Rs.</b>				<b>111,630.22</b>
<b>SCOPE [B]</b>	<b>Construction of 100 KVA (BIS energy Level-II) sub station -1 No.</b>				
1	150x150 mm 11 Mtr. Long GI joist Pole	No.	2	<b>28545.00</b>	57090.00
2	11 KV Pin Insulator polymer	No.	3	200.00	600.00
3	11 KV T&C Hardware (45KN)	set	3	<b>130.00</b>	390.00
4	Disc insulator(T&C)45 KN Polymer	No	3	<b>860.00</b>	2580.00
18	PG Clamp for 100 sq. mm AAA Conductor	No	3	580.00	1740.00
5	100x50x6 mm GI Channel(each 2.8 Mtr. Long(9.2 Kg/Mtr.)2 Nos.	Kg	103.04	75.00	7728.00
6	75x40x6 GI Angle(each 2.8 Mtr. Long(6.8 Kg/Mtr.)with side angle	Kg	114.24	75.00	8568.00
7	50x50x6 mm GI Angle(each 2.8 Mtr. Long(4.5 Kg/Mtr.)with side angle	Kg	50.4	75.00	3780.00
8	HT Stay set complete	Set	2	1050.00	2100.00
9	7/10 SWG Stay wire	Kg	20	75.00	1500.00
10	HT Stay Insulator	No.	2	50.00	100.00
11	HT stay clamp	Pair	2	125.00	250.00
12	11 KV 1 Core ,100 sq. mm XLPE insulated AAA conductor(Un armoured)	Km	0.040	90000.00	3600.00

13	LT distribution Box with MCCB, Aluminium Bus bar of 2-bay with kit-kat fuse for 100 KVA Transformer	No.	1	24419.00	24419.00
14	100 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	117000.00	117000.00
15	11 KV 3 pole 200 A AB switch	Set	1	7350.00	7350.00
16	11 KV 3 pole 200 A HG Fuse with PI	Set	1	6120.00	6120.00
17	Lightning arrester ,12 KV- 10KA	No	3	3550.00	10650.00
19	GI pipe earthing device 40 mm dia medium gauge 3 mtrs. Long	No	5	1050.00	5250.00
20	Earthing material	Ls	5	1890.00	9450.00
21	25x6 mm GI flat for body earthing	Kg	20	75.00	1500.00
22	50x6 mm GI flat for neutral earthing	Kg	20	75.00	1500.00
23	GI nut,bolt & washer	Kg	35	<b>78.00</b>	2730.00
24	3.5 core 95 sq. mm LT PVC cable(unarmoured)	Mtr	15	333.00	4995.00
25	Earthing support coil type	No	2	166.00	332.00
26	Danger Board	No	2	<b>80.00</b>	160.00
27	All. Cable socket	No	32	<b>52.00</b>	1664.00
28	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	4	<b>80.00</b>	320.00
29	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	1	2000.00	2000.00
30	TOTAL MATERIAL COST				<b>285466.00</b>
31	Escalation @6%for 2019-20				<b>302593.96</b>
32	Escalation @6%for 2020-21				<b>320749.60</b>
33	Escalation @6%for 2021-22				<b>339994.57</b>
34	Escalation @6%for 2022-23				<b>360394.25</b>
35	Escalation @6%for 2023-24				<b>382017.90</b>
A	Escalation @6%for 2024-25				<b>404938.98</b>
B	Stock, Storage & Insurance @ 3% of A				<b>12148.17</b>
C	Sub Total (C=A+B)				<b>417087.15</b>
D	Contingency @3% of C				<b>12512.61</b>
E	T & P 2% of C				<b>8341.74</b>
F	Transportation @ 7.5% of C				<b>31281.54</b>
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				<b>12717.93</b>
I	Erection Charges of other @ 10%				<b>16272.87</b>
J	Sub Total				<b>498213.84</b>
36	Material cost for Concreting of Joist pole 2.13 Mtrx0.4 Mtr.x0.4 Mtr=0.34 cum(PCC 1:3:6)	No	2	2803.61	<b>5607.22</b>
37	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	<b>1930.00</b>

38	Barbed Fencing with Grill gate ,metal and Sand.	Ls	1	35000.00	<b>35000.00</b>
					<b>540751.06</b>
III	<b>LT LINE</b>				
1	9 mtr Long 150x150 mm GI Joist Pole(30.6 Kg/Mtr.)	No.	5	20655.00	103275.00
2	AB cable(3x50+1x35+1x16) sq. mm	Km	0.206	140000.00	28840.00
3	Dead end clamp	No.	3	65.00	195.00
4	Suspension clamp with I hook	No.	2	340.00	680.00
5	Pole clamp with I hook(ABC)	Pair	5	200.00	1000.00
6	Insulated piercing connector.Type-A-main 16 to 95 sq.mm & Tap-16 to 95 sq.mm	No	3	80.00	240.00
7	Neutral connector.Type-B-main 35 to 70 sq.mm & Tap-2.5 to 10 sq.mm service cable over by black weather resistant insulation cover	No	1	33.00	33.00
8	LT Stay set complete	Set	3	520.00	1560.00
9	7/12 SWG GI stay wire	Kg	30	75.00	2250.00
10	LT stay insulator	No.	3	110.00	330.00
11	LT stay clamp	No.	3	30.00	90.00
12	Earthing support coil type	No.	5	166.00	830.00
13	GI nut,bolt of assorted size	Kg	10	78.00	780.00
14	Sundries for survey, tree cutting, insulated tape, mceal compound etc.	Ls	1	2000.00	2000.00
15	<b>Total Rs.</b>				<b>142103.00</b>
16	Escalation @6%for 2019-20				<b>150629.18</b>
17	Escalation @6%for 2020-21				<b>159666.93</b>
18	Escalation @6%for 2021-22				<b>169246.95</b>
19	Escalation @6%for 2022-23				<b>179401.76</b>
20	Escalation @6%for 2023-24				<b>190165.87</b>
A	Escalation @6%for 2024-25				<b>201575.82</b>
B	Stock, Storage & Insurance @ 3% of A				<b>6047.27</b>
C	Sub Total (C=A+B)				<b>207623.10</b>
D	Contingency @3% of C				<b>6228.69</b>
E	T & P 2% of C				<b>4152.46</b>
F	Transportation @ 7.5% of C				<b>15571.73</b>
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				<b>7544.63</b>
I	Erection Charges of other @ 10%				<b>5673.06</b>
J	Sub Total				<b>246793.67</b>
21	Material cost for Concreting of RS Joist Pole 1.5 Mtrx0.4 Mtr.x0.4 Mtr=0.28 cum(PCC 1:3:6)@6500	No	5	1560.00	<b>7800.00</b>
22	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.1485 cum(PCC 1:2:4)@4320	No	3	965.00	<b>2895.00</b>

	Total Rs.				<b>257488.67</b>
	Sub Total Rs.				<b>909,869.95</b>
	Cess @1%				<b>9,098.70</b>
	Total Estimated Cost				<b>918,968.65</b>
	Total Estimated Cost in Figures				<b>918,969.00</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/-  
DGM Engg.(Elect.)**