

**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 :- 03 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 8-F TYPE QTRS. AT RESERVE OFFICE CAMPUS, BALASORE IN THE DIST. OF BALASORE.**

**BID REF NO :- 44/DGM/ELECT/OPHWC/2024-25**

<b>SCHEDULE OF WORKS</b>					
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 - 0.02 Km. Interposing Pole-1 No</b>				
1	150x150 mm 11 Mtr. Long GI Joist Pole	No.	1	<b>28545.00</b>	28,545.00
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	6	<b>130.00</b>	780.00
7	Disc insulator(T&C)45 KN Polymer	No	6	<b>860.00</b>	5,160.00
8	75X40X6mm GI Channel(each 2.8 Mtr. Long (6.8 Kg/mtr.,))with side angle	Kg	38.08	75.00	2,856.00
9	HT Stay set complete	Set	1	1050.00	1,050.00
10	7/10 SWG Stay wire	Kg	10	75.00	750.00
11	HT Stay Insulator	No.	1	50.00	50.00
12	HT stay clamp	Pair	1	125.00	125.00
13	PG Clamp for 100 sq. mm AAA Conductor	No	6	580.00	3,480.00
14	11 KV 1 Core ,100 sq. mm XLPE insulated AAA conductor(Un armoured)	Km	0.062	90000.00	5,562.00
15	Earthing support coil type	No	1	166.00	166.00
16	Danger Plate	No	1	80.00	80.00
17	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	2	<b>80.00</b>	160.00

18	GI nut,bolt & washer	Kg	5	<b>78.00</b>	390.00
19	Road cross guarding	No	1	<b>11031.00</b>	11,031.00
20	Sundries	LS	1	2000.00	2,000.00
21	TOTAL MATERIAL COST				<b>63,915.00</b>
22	Escalation @6%for 2019-20				<b>67,749.90</b>
23	Escalation @6%for 2020-21				<b>71,814.89</b>
24	Escalation @6%for 2021-22				<b>76,123.79</b>
25	Escalation @6%for 2022-23				<b>80,691.21</b>
26	Escalation @6%for 2023-24				<b>85,532.69</b>
<b>A</b>	Escalation @6%for 2024-25				<b>90,664.65</b>
<b>B</b>	Stock, Storage & Insurance @ 3% of A				<b>2,719.94</b>
<b>C</b>	Sub Total (C=A+B)				<b>93,384.59</b>
<b>D</b>	Contingency @3% of C				<b>2,801.54</b>
<b>E</b>	T & P 2% of C				<b>1,867.69</b>
<b>F</b>	Transportation @ 7.5% of C				<b>7,003.84</b>
<b>G</b>	Erection Charges for PSC Pole @ 20%				
<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%				<b>2,085.32</b>
<b>I</b>	Erection Charges of other @ 10%				<b>5,167.82</b>
<b>J</b>	Sub Total				<b>112,310.80</b>
27	Material cost for Concreting of Joist pole 2.13 Mtrx0.4 Mtr.x0.4 Mtr=0.34 cum(PCC 1:3:6)	No	1	2215.20	<b>2,215.20</b>
28	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	<b>965.00</b>
					<b>3,180.20</b>
	<b>Total Rs.</b>				<b>115,491.00</b>
<b>SCOPE [B]</b>	<b>Construction of 63 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>	57,090.00
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>	2,580.00
5	100x50x6 mm GI Channel(each 2.8 Mtr. Long(9.2 Kg/Mtr.)2 Nos.	Kg	103.04	75.00	7,728.00
6	75x40x6 GI Angle(each 2.8 Mtr. Long(6.8 Kg/Mtr.)with side angle	Kg	114.24	75.00	8,568.00
7	50x50x6 mm GI Angle(each 2.8 Mtr. Long(4.5 Kg/Mtr.)with side angle	Kg	50.4	75.00	3,780.00
8	HT Stay set complete	Set	2	1050.00	2,100.00
9	7/10 SWG Stay wire	Kg	20	75.00	1,500.00

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	3,600.00
13	LT distribution Box with MCCB,Aluminium Bus bar of single-bay with kit-kat fuse for 63 KVA Transformer	No.	1	18322.00	18,322.00
14	63 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	86500.00	86,500.00
15	11 KV 3 pole 200 A AB switch	Set	1	7350.00	7,350.00
16	11 KV 3 pole 200 A HG Fuse with PI	Set	1	6120.00	6,120.00
17	Lightning arrestor ,12 KV- 10KA	No	3	3550.00	10,650.00
18	PG Clamp for 100 sq. mm AAA Conductor	No	3	580.00	1,740.00
19	GI pipe earthing device 40 mm dia medium gauge 3 mtrs. Long	No	7	1050.00	7,350.00
20	Earthing material	Ls	7	1890.00	13,230.00
21	25x6 mm GI flat for earthing	Kg	40	75.00	3,000.00
22	50x6 mm GI flat for neutral earthing	Kg	30	75.00	2,250.00
23	GI nut,bolt & washer	Kg	15	<b>78.00</b>	1,170.00
24	3.5 core 95 sq. mm LT PVC cable(unarmoured)	Mtr	30	333.00	9,990.00
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>	1,664.00
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	2,000.00
30	TOTAL MATERIAL COST				<b>260,434.00</b>
31	Escalation @6%for 2019-20				<b>276,060.04</b>
32	Escalation @6%for 2020-21				<b>292,623.64</b>
33	Escalation @6%for 2021-22				<b>310,181.06</b>
34	Escalation @6%for 2022-23				<b>328,791.92</b>
35	Escalation @6%for 2023-24				<b>348,519.44</b>
<b>A</b>	Escalation @6%for 2024-25				<b>369,430.61</b>
<b>B</b>	Stock, Storage & Insurance @ 3% of A				<b>11,082.92</b>
<b>C</b>	Sub Total (C=A+B)				<b>380,513.52</b>
<b>D</b>	Contingency @3% of C				<b>11,415.41</b>
<b>E</b>	T & P 2% of C				<b>7,610.27</b>

<b>F</b>	Transportation @ 7.5% of C				<b>28,538.51</b>
<b>G</b>	Erection Charges for PSC Pole @ 20%				
<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%				<b>10,489.79</b>
<b>I</b>	Erection Charges of other @ 10%				<b>17,071.78</b>
<b>J</b>	Sub Total				<b>455,639.29</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	2215.20	<b>4,430.40</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>1,930.00</b>
38	Barbed Fencing with Grill gate ,metal and Sand.	Ls	1	35000.00	<b>35,000.00</b>
					<b>496,999.69</b>
<b>III</b>	<b>LT LINE</b>				
1	9 mtr Long 116x100 mm GI Joist Pole(30.6 Kg/Mtr.)	No.	4	15525.00	62,100.00
2	AB cable(3x50+1x35+1x16) sq. mm	Km	0.17	140000.00	23,800.00
3	Dead end clamp	No.	2	65.00	130.00
4	Suspension clamp with I hook	No.	3	340.00	1,020.00
5	Pole clamp with I hook(ABC)	Pair	5	200.00	1,000.00
6	Insulated piercing connector.Type-A-main 16 to 95 sq.mm & Tap-16 to 95 sq.mm	No	12	80.00	960.00
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	4	33.00	132.00
8	LT Stay set complete	Set	2	520.00	1,040.00
9	7/12 SWG GI stay wire	Kg	20	75.00	1,500.00
10	LT stay insulator	No.	2	110.00	220.00
11	LT stay clamp	No.	2	30.00	60.00
12	Earthing support coil type	No.	4	166.00	664.00
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	2,000.00
15	<b>Total Rs.</b>				<b>95,406.00</b>
16	Escalation @6%for 2019-20				<b>101,130.36</b>
17	Escalation @6%for 2020-21				<b>107,198.18</b>
18	Escalation @6%for 2021-22				<b>113,630.07</b>
19	Escalation @6%for 2022-23				<b>120,447.88</b>
20	Escalation @6%for 2023-24				<b>127,674.75</b>
<b>A</b>	Escalation @6%for 2024-25				<b>135,335.23</b>
<b>B</b>	Stock, Storage & Insurance @ 3% of A				<b>4,060.06</b>

<b>C</b>	Sub Total (C=A+B)				<b>139,395.29</b>
<b>D</b>	Contingency @3% of C				<b>4,181.86</b>
<b>E</b>	T & P 2% of C				<b>2,787.91</b>
<b>F</b>	Transportation @ 7.5% of C				<b>10,454.65</b>
<b>G</b>	Erection Charges for PSC Pole @ 20%				
<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%				<b>4,536.64</b>
<b>I</b>	Erection Charges of other @ 10%				<b>4,866.25</b>
<b>J</b>	Sub Total				<b>166,222.59</b>
21	Material cost for Concreting of RS Joist Pole 1.8 Mtrx0.4 Mtr.x0.4 Mtr=0.29 cum(PCC 1:3:6)@6500	No	4	1872.00	<b>7,488.00</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	2	641.52	<b>1,283.04</b>
	Total Rs.				<b>174,993.63</b>
	Sub Total Rs.				<b>787,484.32</b>
	Cess @1%				<b>7,874.84</b>
	Total Estimated Cost				<b>795,359.16</b>
	Total Estimated Cost in Figures				<b>795,359.00</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**

**Signature of Tenderer with seal**

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

**Sd/-  
D.M (Elect) I/C**

**Sd/-  
DGM Engg.(Elect.)**