

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**  
**JANAPATH, BHOINAGAR, BHUBANESWAR - 22**  
 [Electrical Division]  
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**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 QTRS. AT BALIAPAL FIRE STATION IN THE DIST. OF BALASORE.**

**BID REF NO :- 80/PM/ELECT/OPHWC/2023-24**

<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. 2018-19	AMOUNT IN RS.
<b>SCOPE [A]</b>	Upgradation of S/S from 25 KVA to 100 KVA (BIS energy Level-II) sub station with renovation of S/S-1 No.				
<b>SCOPE [B]</b>	Construction of 3 Ph 5W LT Line-0.24Km				
1	11 mtr Long 116x100 mm RS Joist Pole	No.	3	<b>21879.00</b>	65637.00
2	9 mtr Long 116x100 mm RS Joist Pole	No.	6	<b>13455.00</b>	80730.00
3	11 K.V. V cross arm	No.	2	<b>810.00</b>	1620.00
4	11 KV F clamp	No.	2	240.00	480.00
5	Back clamp for V cross arm	No.	2	<b>80.00</b>	160.00
6	11 KV Pin Insulator polymer	No.	6	200.00	1200.00
7	11 KV B&S Hardware (70 KN)	set	6	<b>350.00</b>	2100.00
8	Disc insulator(B&S)70 KN Polymer	No	6	<b>1150.00</b>	6900.00
9	100X50X6mm MS Channel	Kg	30	65.00	1950.00
10	18 mm GI HT stay	Set	3	1050.00	3150.00
11	7/10 SWG Stay wire	Kg	30	75.00	2250.00
12	HT Stay Insulator	No.	3	50.00	150.00
13	HT stay clamp	Pair	3	125.00	375.00
14	40 mm Pipe earthing device	No	5	1050.00	5250.00
15	50x6 mm GI flat	Kg	40	<b>75.00</b>	3000.00
16	Earthing Coil	No	3	<b>166.00</b>	498.00
17	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	6	<b>80.00</b>	480.00
18	GI nut,bolt & washer	Kg	46	<b>78.00</b>	3588.00
19	11 KV 100 sq. mm HT Cable	Km	0.15	<b>90000.00</b>	13500.00
20	80 sq. mm AAAC	Km	0.040	43000.00	1720.00
21	Road crossing	Span	1.000	12000.00	12000.00
22	11 KV 3 pole 400 A AB switch	Set	1	<b>11850.00</b>	11850.00

23	11 KV 3 pole 400 A HG Fuse with PI	Set	1	<b>11530.00</b>	11530.00
24	Lightning arrestor ,12 KV- 10KA	No	3	3550.00	10650.00
25	LT distribution Box with MCCB,Aluminium Bus bar of single-bay with kit-kat fuse for 100 KVA Transformer	No.	1	<b>24419.00</b>	24419.00
26	100 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	<b>117000.00</b>	117000.00
27	3.5 core 185 sq. mm LT PVC cable(unarmoured)	Mtr	15	635.00	9525.00
28	All. Cable lug of different sizes	No	30	22.00	660.00
29	Red Oxide Paint	Ltr	6	150.00	900.00
30	All. Paint	Ltr	8	200.00	1600.00
31	Black Paint	Ltr	2	220.00	440.00
32	16 mm LT/GI stay	Set	3	520.00	1560.00
33	7/12 SWG GI stay wire	Kg	30	75.00	2250.00
34	LT stay insulator	No.	3	110.00	330.00
35	LT stay clamp	No.	3	30.00	90.00
36	Pole clamp with I hook(ABC)	Pair	8	200.00	1600.00
37	Dead end clamp	No.	2	65.00	130.00
38	Suspension clamp with I hook	No.	6	340.00	2040.00
39	Piercing connector	No.	18	80.00	1440.00
40	Neutral connector	No.	6	33.00	198.00
41	Earthing Coil	No.	2	166.00	332.00
42	AB cable(3x50+1x35+1x16) sq. mm	Km	0.25	140000.00	35000.00
43	Earthing materials	No	5	1892.16	9460.80
44	Sundries for survey, tree cutting , insulated tape,mceal compound etc.	Ls	0.24	3000.00	720.00
45	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
46	TOTAL MATERIAL COST				<b>452462.80</b>
47	Escalation @6%for 2019-20				<b>479610.57</b>
48	Escalation @6%for 2020-21				<b>508387.20</b>
49	Escalation @6%for 2021-22				<b>538890.43</b>
50	Escalation @6%for 2022-23				<b>571223.86</b>
<b>A</b>	Escalation @6%for 2023-24				<b>605497.29</b>
<b>B</b>	Stock, Storage & Insurance @ 3% of A				<b>18164.92</b>
<b>C</b>	Sub Total (C=A+B)				<b>623662.21</b>
<b>D</b>	Contingency @3% of C				<b>18709.87</b>
<b>E</b>	T & P 2% of C				<b>12473.24</b>
<b>F</b>	Transportation @ 7.5% of C				<b>46774.67</b>
<b>G</b>	Erection Charges for PSC Pole @ 20%				
<b>H</b>	Erection Charges of DTR and Joist Poles @ 5%				<b>18150.89</b>
<b>I</b>	Erection Charges of other @ 10%				<b>26064.44</b>

J	Sub Total				<b>745835.32</b>
K	Transportation + Labour cost of Dismatled materials(as per Estimate)				11,348.99
L	Total Rs.				<b>757,184.31</b>
51	Material cost for Concreting of Joist Pole 2.46 Mtr x 0.4 Mtr x 0.4 Mtr = 0.34 cum (PCC 1:3:6)	No	9	2368.64	<b>21317.76</b>
52	Substation Fencing with metal spreading	No	1	35000.00	<b>35000.00</b>
53	Plinth for S/S	No	1	35000.00	<b>35000.00</b>
54	Material cost for Concreting of stay 1.65 Mtr x 0.3 Mtr x 0.3 Mtr = 0.150 cum (PCC 1:3:6)	No	6	965.25	<b>5790.00</b>
	<b>Total Rs.</b>				<b>97107.76</b>
	Total Estimated Cost				<b>854,292.07</b>
	Total Estimated Cost in Figures				<b>854,292.00</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.)