

**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 :- 05 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK (UPGRADATION OF S/S AND SHIFTING OF L.T LINE) FOR POWER SUPPLY TO 12-F TYPE QTRS. AT RESERVE OFFICE, NUAPADA.**

**BID REF NO :- 66/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>PART-A</b>					
1	Shifting & Upgradation of S/S from 100 KVA to 250 KVA S/S.	No	1		
2	11KV line with 3 Ph, 3 wire 55mmsq, AAAC.	Km	0.02		
3	3-Ph 5 Wire 95 mm <sup>2</sup> AB Cable on 8 mtr. X 200kg. PSC Pole for LT Line.	Km	0.42		
4	Dismantal of 100 KVA S/S	No	1		
<b>SCOPE-A</b>					
1	Support PSC Pole 9mtr. Long 300 KG PSC Pole	No.	15	3900.00	<b>58500.00</b>
	Total of Part -A				<b>58500.00</b>
<b>SCOPE-B</b>					
2	11/0.4 KV 250 KVA Transformer(Star-1,BIS/EEL-2)	No	1	348985.00	<b>348985.00</b>
	Total of Part -B				<b>348985.00</b>
<b>SCOPE-C</b>					
3	Construction of 3 ph 3 wire 11 KV line with 55 sq. mm AAA Conductor -0.02 Km	Km	0.063	39000.00	<b>2457.00</b>
<b>SCOPE-D</b>					
4	Plinth Mounted 250 KVA 11/0.4 KV S/S using 9mtrs. Long 300Kg PSC Pole -1 No.				
4	Pressure Channel 100X50X6 mm. 2.8mtr Long 2Nos(9.2Kg/Mtr)	Kg	51.52	<b>84.50</b>	4353.44
5	A/B switch and H.G Fuse mounting channel 75x40x6mm. 2.8mtr, Long 4Nos.(6.8 kg/mtr)	Kg	76.16	<b>84.50</b>	6435.52

6	Cantilever Channel for supporting A/B switch and HG Fuse Arm 75x40x5mm. 1.5mtr long, 2nos. (6.8kg/mtr.)	Kg	40.8	<b>84.50</b>	3447.60
7	Angel for contilever arrangement for A/B switch 50x50x8mm. 1.5mtr, 2nos (4.5kg/mtr.)	Kg	27	<b>84.50</b>	2281.50
8	Angel for mounting L.T Distribution box 50x50x6mm.-2.5mtr. Long. 2Nos. (4.5Kg./mtr.)	Kg	22.5	<b>84.50</b>	1901.25
9	75x40x6 mm Channel 1.5mtr. Long 1No (6.8kg/mtr) for supporting of AB switch handel.	Kg	10.2	<b>84.50</b>	861.90
10	11 KV Disc Insulator (B & S)	No.	3	<b>1495.00</b>	4485.00
11	11 KV H/W fitting (B & S Type)	No.	3	<b>169.00</b>	507.00
12	11 KV A/B switch 3 Pole.	Set	1	<b>15405.00</b>	15405.00
13	11 KV H/G Fuse 3 Pole with PI ( 11 KV 400 Amp)	Set	1	<b>14989.00</b>	14989.00
14	11 KV Lightning Arrestor (12 KV, 5KA)	No.	3	<b>4615.00</b>	13845.00
15	H.T Stay Set Complete	No.	2	<b>1365.00</b>	2730.00
16	HT Stay Insulator	No.	2	<b>65.00</b>	130.00
17	HT Stay Clamp	Pair	2	<b>162.50</b>	325.00
18	7/10 SWG Stay wire	Kg	21	<b>97.50</b>	2047.50
19	G.I pipe Earthing, 40 mm, Dia medium guage 3mtr, Long	No	5	<b>1365.00</b>	6825.00
20	Earthing of Support (Coil type)	Kg	2	<b>215.80</b>	431.60
21	No. 6 G.I wire for Earthing	No.	20	<b>97.50</b>	1950.00
22	Material for masonry work for earth pit	No	5	<b>520.00</b>	2600.00
23	Charcoal, Salt etc. for earthing	No	5	<b>585.00</b>	2925.00
24	Clamp, Connector & Jumpering material	L.S	1	<b>780.00</b>	780.00
25	G.I, Bolts, Nuts & Washers	Kg.	20	<b>101.40</b>	2028.00
26	Sundries (Aluminium Binding tap, insulating tap, fencing, metal spreading, Anticlimbing device, Paint Danger Board etc.)	L.S	1	<b>2600.00</b>	2600.00
27	L.T distribution box with MCCB, Aluminium busbar for 3 bay with kitkat fuse for 250 KVA S/S.	No.	2	<b>40000.00</b>	80000.00
28	L.T 3 1/2 Core PVC Cable : 9mtrs. 35mm.sq for 25KVA @ 179.36/-mtrs.. 50mm.sq for 63KVA @239.54/-mtr. 95mm.sq for 100KVA @ 392.94/-mtr.	Mtr.	9	<b>655.71</b>	5901.39
29	Socket & other Cable Accessories	L.S	1	<b>520.00</b>	520.00
	<b>Sub Total of Part -D</b>				<b>180305.70</b>
<b>SCOPE-E</b>	<b>Accessories for 3-Ph 5 Wire 95mm<sup>2</sup> AB Cable on 9mtr. X 300Kg, PSC Pole for LT line (30Mtr. span) =0.420 KM</b>				
30	Arial Bunch Conductor (ABC) with 30x95mm.sq. (for Phase)+ 1x70mm.sq. Catenary (Neutral) + 1x16mm.sq. for street light phase for over head line (30 mtr. Span)	Km.	0.45	315900.00	142155.00
31	Pole clamp for AB Cable	Nos.	13	260.00	3380.00
32	Dead and Clamp (For ABC)	Nos.	6	84.50	507.00

33	Suspension Clamp for AB cable	Nos.	13	442.00	5746.00
34	Neutral connector -Type-B	Nos.	24	42.90	1029.60
35	LT Stay Set	Nos.	6	676.00	4056.00
36	7/12 SWG Stay wire	Kg.	36	97.50	3510.00
37	LT Stay Clamp (1.40 Kg./Pair)	Pair	6	143.00	858.00
38	LT stay Insulator	Nos.	6	39.00	234.00
39	Earthing Coil	Nos.	13	215.80	2805.40
40	No. 8 G.I wire for earthing	Kg.	7	97.50	682.50
41	G.I Nut & Bolts (Assorted size)	Kg.	6	101.40	608.40
42	Service connection Distribution Box(8 way)	Nos.	7	5200.00	36400.00
43	Piercing Connector	Nos.	24	104.00	2496.00
	Sub Total of Part -E				204467.90
A	TOTAL MATERIAL COST IN RS				<b>794715.60</b>
B	Stock,storage and insurance (@3% on A)				<b>23841.47</b>
C	TOTAL RS.				<b>818557.07</b>
D	T&P @ 2% of C				<b>16371.14</b>
E	Contingency @ 3% of C				<b>24556.71</b>
F	Transportation @ 7.5% of C				<b>61391.78</b>
G	Erection charges of Joist Pole and Transformer @ 5% of				<b>17972.73</b>
H	Erection charges of PSc Pole@ 20% of C				<b>12051.00</b>
I	Erection charges for other materials@ 10%				<b>39884.75</b>
	Total Rs.				<b>990785.18</b>
44	Cost of Fencing of DTR	No	1	104661.02	<b>104661.02</b>
45	Plinth for 250 KVA S/S	No.	1	22033.90	<b>22033.90</b>
46	Couping of Pole(Including supply of materials 1Mx0.5Mx0.5M)	No.	15	2837.97	<b>42569.55</b>
47	Concreting of stay	No.	8	1652.54	<b>13220.32</b>
48	Dismantal of 100 KVA S/S	No	1	4750.00	<b>4750.00</b>
	<b>Sub Total</b>				<b>1178019.97</b>
	<b>PART-B</b>				
	<b>Shifting and Reconstruction of LT Line.</b>				
1	Support PSC Pole 9mtr. Long 300 KG PSC Pole	No.	20	3900.00	78000.00
2	Arial Bunch Conductor (ABC) with 30x95mm.sq. (for Phase)+ 1x70mm.sq. Catenery (Neutral) + 1x16mm.sq. for street light phase for over head line (30 mtr. Span)	Km.	0.64	315900.00	202176.00
3	Pole clamp for AB Cable	Nos.	20	260.00	5200.00
4	Dead and Clamp (For ABC)	Nos.	4	84.50	338.00
5	Suspension Clamp for AB cable	Nos.	20	442.00	8840.00
6	Neutral connector -Type-B	Nos.	12	42.90	514.80
7	LT Stay Set	Nos.	4	676.00	2704.00
8	7/12 SWG Stay wire	Kg.	24	97.50	2340.00
9	LT Stay Clamp (1.40 Kg./Pair)	Pair	4	143.00	572.00
10	LT stay Insulator	Nos.	4	39.00	156.00
11	Earthing Coil	Nos.	20	215.80	4316.00
12	No. 8 G.I wire for earthing	Kg.	10	97.50	975.00
13	G.I Nut & Bolts (Assorted size)	Kg.	9	101.40	912.60

14	Piercing Connector	Nos.	12	104.00	1248.00
	Sub Total Rs.				308292.40
A	TOTAL MATERIAL COST IN RS				308292.40
B	Stock,storage and insurance (@3% on A)				9248.77
C	TOTAL RS.				317541.17
D	T&P @ 2% of C				6350.82
E	Contingency @ 3% of C				9526.24
F	Transportation @ 7.5% of C				23815.59
G	Erection charges of Joist Pole and Transformer @ 5%				
H	Erection charges of PSc Pole@ 20%				16068.00
I	Erection charges for other materials@ 10%				23720.12
	Total Rs.				397021.94
15	Couping of Pole(Including supply of materials 1Mx0.5Mx0.5M)	No.	20	2837.97	56759.40
16	Concreting of stay	No.	4	1652.54	6610.16
17	Dismantal of LT Line	Km	0.9	17500.00	15750.00
	Sub Total Rs.				476141.50
	<b>Total Rs(PART-A+PART-B)</b>				<b>1,654,161.47</b>
	<b>Cess @1%</b>				<b>16541.61</b>
	<b>Total Estimated Cost</b>				<b>1,670,703.08</b>
	<b>Total Estimated Cost in Figures</b>				<b>1,670,703.00</b>
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)				
	Quoted Amount in Figure				
	Quoted Amount in words				

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)