

**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 :- 04 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 6-F+4-E & 2-D TYPE QUARTERS AND DFSL BUILDING AT RESERVE OFFICE, NABARANGPUR.**

**BID REF NO.- 105/PM/ELECT/OPHWC/2023-24**

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
<b>PART-I</b>	<b>Erection of LT 3ph 5 W line using 3x95+1x70+1x16 sqmm XLPE AB Cable=0.24 Km and Conversion of LT XLPE cable-0.14 Km on existing Pole.</b>				
1	8 Mtr. Long 200 KG PSC pole	No	8	2600.00	20800.00
2	Base plate	No	8	340.00	2720.00
3	3x95+1x70+1x16 sqmm XLPE AB Cable	Mtr.	380.00	315.90	120042.00
4	Pole clamp with I hook	No	8	260.00	2080.00
5	Suspension clamp with I Hook	No	8	442.00	3536.00
6	Dead end clamp Eye Hook	No	10	84.50	845.00
7	Piercing connector	No	8	104.00	832.00
8	Neutral connector	No	8	42.90	343.20
9	Earthing support coil type	No	8	215.80	1726.40
10	L.T Stay set (Complete )	Set	6	676.00	4056.00
11	L.T Stay Insulator	No.	6	39.00	234.00
12	L.T Stay Clamp(1.4 K.g/Pair)	Pair	6	143.00	858.00
13	7/12 SWG Stay Wire	Kg	48	97.50	4680.00
14	GI Nuts and Bolts of assorted size	Kg	12	101.40	1216.80
15	Sundries	LS	1	500.00	500.00
	A.Sub Total Rs.				<b>1,64,469.40</b>
B	Stock,storage and insurance (@3% on A)				<b>4934.08</b>
C	TOTAL RS.				<b>169403.48</b>
D	T&P @ 2% of C				<b>3388.07</b>
E	Contingency @ 3% of C				<b>5082.10</b>
F	Transportation @ 7.5% of C				<b>12705.26</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers and 20% on PSC poles				<b>19082.75</b>
H	TOTAL RS.				<b>209661.67</b>
16	Couping with CC 1:3:6 by using 12 mm size Hard broken granite chips= 0.3Mtrx 0.3Mtrx0.45 mtr= 0.0405 cum	Nos.	8	193.00	1544.00
17	Cement Concreting for stay anchor plate with CC 1:3:6 using 4 cm size HBG metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3 cum	Nos.	6	1160.00	6960.00

	Total Rs.(Part-I)				<b>2,18,165.67</b>
<b>PART-II</b>	<b>Upgradation of S/S from 63 KVA,11/0.4 KV to 250 KVA 11/0.4KV sub station - 1 No.</b>				
1	Top Pressure Channel 100x50x6mm MS channel each 2.8 mtr long(9.2K.g/mtr)GI	K.g	51.52	97.50	5023.20
2	AB switch &HG fuse mounting channel(75x40x6)mm,GI channel each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	97.50	7425.60
3	Cantilever Channel for supporting HG Fuse 75x40x6mm. MS Angle 1 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	97.50	1326.00
4	Cantilever Channel for supporting HG Fuse 50x50x6mm MS Angle 1 mtr. Long 2 Nos. (4.5 kg./mtr.)GI	Kg.	9	97.50	877.50
5	Cantilever Channel for supporting arrangement AB switch 50x50x6mm MS Angle 2 mtr. Long 2 Nos. (4.5 kg./mtr.)GI	Kg.	18	97.50	1755.00
6	Angle for mounting LT Distribution Box (50x50x6)mm 3 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	13.5	97.50	1316.25
7	11 KV HW fitting 3 Bolt T&C	No	3	169.00	507.00
8	Disc insulator 45 KN (T&C) Polymer	No.	3	1118.00	3354.00
9	11KV AB switch 3 pole(400 Amp)	Set	1	15405.00	15405.00
10	11KV HG fuse 3 pole(400 Amp)	Set	1	14989.00	14989.00
11	9KV 5KA LA, Station class	No.	3	1274.00	3822.00
12	LT Distribution Box with MCCB, Aluminium Bus Bar for 3- bay with Kitkat fuse for 250 KVA S/S.	No	1	62400.00	62400.00
13	40 mm Nominal bore GI Pipe Medium gauge earthing device 3 mtrs long	No	5	1365.00	6825.00
14	Materials for earthing including massonary work for eathpit, charcoal,salt & RCC cover etc.	No	5	1500.00	7500.00
15	No. 6 GI Wire for earthing	Kg	25	97.50	2437.50
16	GI Flat 25x6 mm for neutral & body earthing of DTR	Kg	25	97.50	2437.50
17	GI Nuts and Bolts of assorted size	Kg	20	101.40	2028.00
18	250 KVA ,11/0.4 KV(AL) Transformer BIS energy Level-II	No	1	348985.00	348985.00
19	LT 3.5 core ,95 sq. mm PVC cable(Unarmoured)	Mtr.	6	432.90	2597.40
20	Back clamp for ACD (25x3 mm GI earth Flat,0.59 Kg/Mtr. & 0.51 Mtr. For each Back Clamp.)	Kg	0.602	97.50	58.70
21	Sundries (Paint,insulating tape,clamp connector,jumpering materials,socket & other acessories etc.	LS	1	3500.00	3500.00
	A.Sub Total Rs.				<b>494569.65</b>
B	Stock,storage and insurance (@3% on A)				<b>14837.09</b>
C	TOTAL RS.				<b>509406.73</b>
D	T&P @ 2% of C				<b>10188.13</b>
E	Contingency @ 3% of C				<b>15282.20</b>
F	Transportation @ 7.5% of C				<b>38205.51</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers and 20% on PSC poles				<b>32967.94</b>
H	TOTAL RS.				<b>606050.52</b>

22	Brick Boundary wall for fencing with sand and metal spreading to the New DP mounted DSS	Ls	1	40000.00	40000.00
23	MS Grill gate 1.5mtr (h) x 1.5mtr (w) made of 35x35x6 mm Angel and 25x6mm flat (Angel for outside boarder with horizontal & vertical crossing for i)35x35x6mm MS Angel=1.5mtr x 4 = 6mtr @ 3kg/mtr = 18kg@ Rs.93.00/kg=Rs.1674.00/- (with galvanisation charges) ii) 25x6 mm GI flat = 1.5mtr x8x2=24mtr@1.2kg/mtr=28.8kg@Rs.93.00/kg=Rs.2678.80 iii) Painting of gate with 2 coat= Rs.200/- (LS) Total = Rs.(1674+2678+200)= Rs.4552.80	No	1	4552.80	4552.80
24	Filling Sand @ 431.60/cmt for(8ft x 12ft x 1/2ft) = 48 Cft= 1.359Cm. i.e 1.359 x 431.60= 586.54 or 587.00		1	587.00	587.00
25	40MM Size HBG Metal @ Rs.981.36/cmt for (8ft x 12ft x 1/4ft) = 24Cft = 0.679Cmt i.e. 0.679 x 981.36 = 666.75 or say Rs. 667.00		1	667.00	667.00
26	Sundries (Danger Board,anticlimbing device etc.)	LS	1	350.00	350.00
27	Earth work for digging foundation Plinth=2 Mtr.x2 Mtr.x0.9 Mtr.=3.6 Cum @ Rs.99/Cum	LS	1	356.40	356.40
28	Filling in foundation and Plinth with sand, water and rammed as directed by Engineer-in charge 0.15 Mtr.x2mtr.x2mtr.=0.6 cum	LS	1	237.41	237.41
29	Cement concreting 1:4:8 with 4 cm size HBG metal 1 mtr.x2mtr.x2mtr.=0.4 cum	Ls	1	1156.52	1156.52
30	RR Hg stone masonry in cement mortar(1:6) in foundation plinth per 1 cum (0.65x2x2)Mtr=2.6 cum (1.4x1.8x1.8)Mtr=4.54 cum Total 7.14 cum@2157.74/cum	Ls	1	15406.26	15406.26
31	Cement Concreting e with CC 1:2:4 using 12mm size HBG chips= 0.1 Mtrx 1.8 Mtrx1.8 mtr= 0.32 cum	Nos.	1	1462.21	1462.21
32	8 mm Rod=1.8 Mtr.x13x2=46.8 Mtr @ 0.39 Kg/Mtr.	Nos.	1	970.33	970.33
33	16 mm thick cement plaster (1:6) over brick work & stone work 4x1.8x1.8+1x1.8x1.8=12.96+3.24=16.2sq.ft @ Rs.103.73/sq. ft.	Ls	1	1680.43	1680.43
					67426.36
				Total Rs.	<b>6,73,476.88</b>
	Total Estimated Cost				<b>8,91,642.54</b>
	Total Estimated Cost in Figures				<b>8,91,643.00</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.)**