

**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 :- 03 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 12-F (6-F+6-F) TYPE QUARTERS AT OSAP 3rd. Bn., KORAPUT IN THE DISTRICT OF KORAPUT.**

**BID REF NO.- 71/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. 2023-24	AMOUNT IN RS.
<b>PART-I</b>	<b>11 KV LINE</b>				
1	11 KV 'V' cross arm(10.2 Kg each)	No.	4	1053.00	4212.00
2	GI Back clamp for 11 KV V Cross Arm	No.	4	104.00	416.00
3	Top F clamp for PSC Pole ,2.9 Kg	No.	4	312.00	1248.00
4	Disc insulator 45 KN (B&S) Polymer	No.	9	1118.00	10062.00
5	11 KV HW fitting (B&S)2 bolted	No	9	169.00	1521.00
6	11KV Pin Insulator polymer	No.	19	260.00	4940.00
7	HT stay set complete	No.	3	1365.00	4095.00
8	11KV stay insulator	No.	3	65.00	195.00
9	HT stay clamp (1.9 Kg/Pair)	pair	3	162.50	487.50
10	7/10 SWG stay wire, Grade-2	Kg	30	97.50	2925.00
11	Earthing support coil type	No	5	215.80	1079.00
12	GI Nuts and Bolts of assorted size	Kg	10	101.40	1014.00
13	100x50x6 mm channel for straight cross arm,1.2 Mtr. Each 2 Nos,0.3 Mtr. Long 2 Nos. @9.2 Kg/Mtr.	Kg	77.28	97.50	7534.80
14	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	15	104.00	1560.00
15	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	6.12	97.50	596.70
16	Danger Board	No.	5	104.00	520.00
17	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.53	97.50	149.18
18	11 Mtr. Long 160X160 WPB GI Pole (Including intermediate Poles)	No	5	34321.52	171607.60
19	55 sq. mm AAAC	Km	0.0618	39000.00	2410.20
20	Sundries (Al. binding tape, paint etc.)	LS	1	500.00	500.00
	A.Sub Total Rs.				<b>2,17,072.98</b>
B	Stock,storage and insurance (@3% on A)				<b>6512.19</b>

C	TOTAL RS.				<b>223585.16</b>
D	T&P @ 2% of C				<b>4471.70</b>
E	Contingency @ 3% of C				<b>6707.55</b>
F	Transportation @ 7.5% of C				<b>16768.89</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				<b>13520.72</b>
H	TOTAL RS.				<b>2,65,054.03</b>
21	Cement Concrete for stay anchor plate CC 1:3:6 by using 4 cm size HBG metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3 cum	Nos.	3	1270.00	3810.00
22	Cement Concreting for support with C.C. 1:3:6 by using 4cm size HBG metal= 0.45Mtr.x 0.45Mtrx1.5 mtr= 0.3037 cum	Nos.	5	1270.00	6350.00
	<b>Total Rs.(Part-I)</b>				<b>2,75,214.03</b>
<b>PART-II</b>	<b>63 KVA 11/0.4KV sub station</b>				
1	11 Mtr. Long 160X160 WPB GI Pole	No	2	34321.52	68643.04
2	Pressure Channel (GI)100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	97.50	5023.20
3	Transformer mounting Channel(GI) 100x50x6mm channel 2.8 mtr long,2 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	97.50	5023.20
4	AB switch &HG fuse mounting channel(GI)(75x40x6)mm,2.8mtr long 4 No(6.8Kg/mtr)with Galvanisation	K.g	76.16	97.50	7425.60
5	Transformer belting 50x50x6 mm angel 2.8 mtr long,2 Nos.(4.5K.g/mtr)with side angel total 7 Mtr.	Kg.	31.5	97.50	3071.25
6	Angle for mounting LT Distribution Box (50x50x6)mm 1 Mtr. Long 2 Nos.(3.5 Kg/Mtr.)with Galvanisation	Kg	9	97.50	877.50
7	Disc insulator 45 KN (B&S) Polymer	No.	3	1118.00	3354.00
8	11 KV HW fitting (B&S)2 bolted	No.	3	169.00	507.00
9	11KV AB switch( 3 pole,200 Amp,50Hz)	Set	1	9555.00	9555.00
10	11KV HG fuse (3 pole,200 Amp)with PI	Set	1	7956.00	7956.00
11	12KV 10KA LA, Station class	No.	3	4615.00	13845.00
12	LT Distribution box with MCCB, Aluminium Bus bar of single bay Kitkat Fuse for 63 KVA S/S	No	1	23818.60	23818.60
13	LT 3.5 core 95 sq. mm PVC cable(Un-armoured)	Mtr	15	432.90	6493.50
14	HT stay set (Complete)	No.	2	1365.00	2730.00

15	stay Insulator, Type-C	No.	2	65.00	130.00
16	Stay clamp	pair	2	162.50	325.00
17	7/10 SWG GI Saty wire, grade-2	Kg	20	97.50	1950.00
18	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long	No	7	1365.00	9555.00
19	Earthing coil for support	No	2	215.80	431.60
20	No. 6 GI wire for earthing	Kg	70	97.50	6825.00
21	GI nut,bolt & washers	Kg	25	101.40	2535.00
22	63 KVA ,11/0.4 Kv (AL) Transformer BIS Energy Level-II	No.	1	112450.00	112450.00
23	55 sq. mm AAAC	Km	0.02	39000.00	780.00
24	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	104.00	624.00
25	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.448	97.50	238.68
26	Danger Board	No.	2	104.00	208.00
27	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.612	97.50	59.67
28	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1000.00
A.Sub Total Rs.					<b>2,95,434.84</b>
B	Stock,storage and insurance (@3% on A)				<b>8863.05</b>
C	TOTAL RS.				<b>304297.89</b>
D	T&P @ 2% of C				<b>6085.96</b>
E	Contingency @ 3% of C				<b>9128.94</b>
F	Transportation @ 7.5% of C				<b>22822.34</b>
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				<b>21103.50</b>
H	TOTAL RS.				<b>3,63,438.62</b>
29	Cement Concrete for stay anchor plate CC 1:3:6 by using 4 cm size HBG metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3 cum	Nos.	2	1270.00	2540.00
30	Cement Concreting for support with C.C. 1:3:6 by using 4cm size HBG metal= 0.45Mtr.x 0.45Mtrx1.5 mtr= 0.3037 cum+Couping with C.C .1:3:6 using 12 mm size HBG metal= 0.3Mtrx 0.3Mtrx0.45 mtr= 0.0405 cum	Nos.	2	1460.00	2920.00
31	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1600.00	11200.00

32	Fencing and sand & metal spreading 1) RCC Pillar of 6ft Long 2) Cooping of Pillar with C.C 1:3:6 using 40mm HBG metal size 3) GI barbed wire @ 6.044 mtr/kg 6 Nos run=40 ft x 6= 240 ft = 73.152 mtr =12.10 kg 4) MS grill gate 1.5 mtr (h) x 1.5 mtr (w) made of 35x35x6 mm MS angel and 25x6 mm flat (Angel for out side border with horizontal & vertical crossing for i) 35x35x6 mm MS Angel= 1.5 mtr x 4=6@3 Kg/mtr=18 Kg. ii) 25x6 mm flat=1.5 mtrx8x2=24 mtr @ 1.2 Kg/Mtr=28 Kg iii) Painting of gate with 2coat. 5) Filling sand@ 1.359 Cmt 6) 40mm size HBG metal @0.679 Cmt.	No	1	16796.42	16796.42
<b>Total Rs.(Part-II)</b>					<b>3,96,895.04</b>
<b>PART-III</b>	<b>Construction of LT 3ph 5 W line using 3x50+1x35+1x16 sqmm XLPE AB Cable on existing Pole-0.240 Km Construction of LT 3ph 5 W line using 3x50+1x35+1x16 sqmm XLPE AB Cable using 9 Mtr. Long 300 KG PSC Pole-0.160 Km</b>				
1	L.T Stay set (Complete )	Set	1	676.00	676.00
2	L.T Stay Insulator	No.	1	39.00	39.00
3	L.T Stay Clamp(1.4 K.g/Pair)	Pair	1	143.00	143.00
4	7/12 SWG Stay Wire	Kg	8	97.50	780.00
5	Suspension clamp with I Hook for ABC	No.	11	442.00	4862.00
6	Eye Hook for XLPE AB Cable	No.	4	78.00	312.00
7	Dead end clamp suitable for XLPE cable	No	4	84.50	338.00
8	Pole clamp for eye Hook for AB cable	pair	15	260.00	3900.00
9	Neutral connector ,Type-B suitable for main 35-70 sq. mm AAAC & Tap-2.5 to10 sq. mm service cable cover by black weather resistant insulation cover.	No	2	42.90	85.80
10	Insulated Piercing connector ,Type-A main 16-95 sq. mm & Tap-16 to 95 sq. mm	Mno	8	104.00	832.00
11	GI Nuts and Bolts of assorted size	Kg	14	101.40	1419.60
12	3x50+1x35+1x16 sqmm LT XLPE AB Cable	Km	0.42	182000.00	76440.00
13	8 Mtr. Long 200 KG PSC Pole	No	5	2600.00	13000.00
14	Earthing device coil type(GI)	No	5	215.80	1079.00
15	GI base palte(500x500x10 mm) for PSC Pole(20 kg)	No	5	1950.00	9750.00
16	Danger Plate	No	5	104.00	520.00
17	Sundries (paint, binding tape etc.)	LS	1	600.00	600.00
<b>A.Sub Total Rs.</b>					<b>1,14,776.40</b>
B	Stock, storage and insurance (@3% on A)				<b>3443.29</b>
C	TOTAL RS.				<b>118219.69</b>
D	T&P @ 2% of C				<b>2364.39</b>
E	Contingency @ 3% of C				<b>3546.59</b>
F	Transportation @ 7.5% of C				<b>8866.48</b>

G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				<b>13160.97</b>
H	TOTAL RS.				<b>146158.12</b>
18	Cement Concrete for stay anchor plate CC 1:3:6 by using 4 cm size HBG metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3 cum	Nos.	1	1270.00	1270.00
19	Cement Concreting for support with C.C. 1:3:6 by using 4cm size HBG metal= 0.45Mtr.x 0.45Mtrx1.5 mtr= 0.3037 cum	Nos.	5	1270.00	6350.00
	<b>Total Rs(PART-III)</b>				<b>153778.12</b>
	Total Estimated Cost				<b>8,25,887.19</b>
	Total Estimated Cost in Figures				<b>8,25,887.00</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.)