

**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 :- 02 AS PER IFB**

**NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 120 MEN BARRACK AND ODRAF BUILDING AT 2ND I.R BN.,BHAMINI IN THE DISTRICT OF RAYAGADA.**

**BID REF NO.- 16/PM/ELECT/OPHWC/2022-23**

<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. 2022-23	AMOUNT IN RS.
<b>PART-I</b>	<b>3 phase 3W 11 KV line -0.9 Km</b>					
1	9 Mtr Long 300 KG PSC Pole	No.	19	3000.00	3540.00	67260.00
2	9 Mtr Long 150x150 mm RS Joist Pole	Kg	275.4	65.00	76.70	21123.18
3	11 Mtr Long 150x150 mm RS Joist Pole	Kg	2019.6	65.00	76.70	154903.32
4	Straight Channel 100x50x6 mm for straight cross arm 1.2 Mtr+0.25 Mtr. For top piece	Kg	309.12	65.00	76.70	23709.50
5	Back clamp for 11 KV 'V' cross arm	No.	28	80.00	94.40	2643.20
6	7/12 SWG stay wire	Kg	570	75.00	88.50	50445.00
7	3Cx35 sq. mm 11 KV XLPE cable(Armoured)	Mtr.	1854	359.00	423.62	785391.48
8	Heat shrinkable jointing kit for 3Cx5 sq. mm XLPE cable (outdoor type)	No.	8	9416.00	11110.88	88887.04
9	9KV 5KA LA	No.	6	980.00	1156.40	6938.40
10	GI Flat 25x4mm for earthing	Kg	40	75.00	88.50	3540.00
11	GI Pipe earthing 40 Dia Medium gauge 2.5 mtrs long	No.	4	1050.00	1239.00	4956.00
12	HT stay set complete	No.	5	1050.00	1239.00	6195.00
13	11KV stay insulator	No.	5	50.00	59.00	295.00
14	HT stay clamp	pair	5	125.00	147.50	737.50
15	7/10 SWG Stay Wire	Kg	50	75.00	88.50	4425.00
16	Earthing Device/ support coil type(GI)	No.	26	166.00	195.88	5092.88
17	Danger Board	No.	26	80.00	94.40	2454.40
18	RCC Base plate	No.	19	290.00	342.20	
19	GI Base plate500x500x10 mm plate for support(20 Kg)	No.	26	1500.00	1770.00	46020.00
20	MS Nut ,Bolt & Washer of different sizes	K.g	30	71.00	83.78	2513.40
21	Sundries	LS	1	1000.00	1000.00	1000.00
						<b>1278530.30</b>
<b>PART-II</b>	<b>Construction of LT 3ph 5W line using 3x50+1x35+1x16 sqmm XLPE AB Cable=0.85 Km</b>					
1	8 Mtr Long 200 KG PSC Pole	Set	28	2000.00	2360.00	66080.00
2	GI Base plate	No.	28	1500.00	1770.00	49560.00
3	3x50+1x35+1x16 sqmm XLPE AB Cable	Mtr.	875.5	140.00	165.20	144632.60
4	LT stay set complete	Set	5	520.00	613.60	3068.00
5	L.T Stay Insulator	No.	5	30.00	35.40	177.00
6	L.T Stay Clamp(1.4 K.g/Pair)	Pair	5	110.00	129.80	649.00
7	7/12 SWG Stay Wire	Kg	35	75.00	88.50	3097.50
8	Pole clamp for Eye Hook	No.	31	200.00	236.00	7316.00
9	Dead end clamp +Eye Hook	No.	7	125.00	147.50	1032.50

10	Suspension clamp with I Hook	No.	24	340.00	401.20	9628.80
11	Earthing Device/ support coil type(GI)	No.	28	166.00	195.88	5484.64
12	MS Nut ,Bolts	K.g	7	71.00	83.78	586.46
13	Sundries	LS	1	500.00	500.00	500.00
						<b>291812.50</b>
<b>PART-III</b>	<b>Installation of 100 KVA 11/0.4KV sub station - 1 No.</b>					
1	9 Mtr Long 150x150 mm RS Joist Pole	Kg	550.8	65.00	76.70	42246.36
2	Pressure Channel 100x50x6mm MS channel each 2.8 mtr long(9.2K.g/mtr)x 2 Nos.	K.g	51.52	65.00	76.70	3951.58
3	Transformer mounting Channel 100x50x6mm MS channel each 2.8 mtr long(9.2K.g/mtr)x 2	K.g	51.52	65.00	76.70	3951.58
4	AB switch &HG fuse mounting channel(75x40x6)mm,GI channel each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	65.00	76.70	5841.47
5	Cantilever channel for supporting HG Fuse ,75x40x6mm (6.8Kg/mtr)1 Mtr., 2 Nos.	K.g	13.6	65.00	76.70	1043.12
6	Cantilever Angle for supporting HG Fuse ,50x50x6mm (6.8Kg/mtr)1 Mtr., 2 Nos.	K.g	9	65.00	76.70	690.30
7	Angle for mounting LT distribution Box 35x35x5 mm MS angel-1.0 mtr each long 2nos (3.5 KGg per mtr)	Kg	9	65.00	76.70	690.30
8	11KV AB switch 3 pole(200 Amp)	Set	1	7350.00	8673.00	8673.00
9	11KV HG fuse 3 pole(200 Amp)	Set	1	6120.00	7221.60	7221.60
10	9KV 10KA LA	No.	3	980.00	1156.40	3469.20
11	LT Distribution Box for 100 KVA S/S	No	1	24419.00	28814.42	28814.42
12	HT stay set (Complete)	No.	2	1050.00	1239.00	2478.00
13	stay Insulator	No.	2	50.00	59.00	118.00
14	Stay clamp	pair	2	125.00	147.50	295.00
15	7/10 SWG GI Saty wire	Kg	20	75.00	88.50	1770.00
16	GI Pipe earthing 40 mm Dia Medium gauge 2.5 mtrs long	No.	5	1050.00	1239.00	6195.00
17	Earthing Device/ support coil type(GI)	No	2	166.00	195.88	391.76
18	GI Flat 25x4mm for earthing	Kg	50	75.00	88.50	4425.00
19	Clamp connector and jumpering materials	Ls	1	1100.00	1100.00	1100.00
20	100 KVA 11/0.4 KV (AL) Transformer with BIS Energy Level-II	No	1	117000.00	138060.00	138060.00
21	LT 3.5 core 50 sq. mm pvc Cable	Mtr.	13	418.00	493.24	6412.12
22	Socket & other cable accssories	Ls	1	330.00	330.00	330.00
23	MS Nuts and Bolts & washers	Kg	25	71.00	83.78	2094.50
24	GI Base plate	No	2	1500.00	1770.00	3540.00
25	Sundries(Aluminium binding tap,insulating tap,Anticlimbing device,paint ,danger board etc.)	LS	1	1000.00	1000.00	1000.00
						<b>Total material cost in Rs</b>
						274802.32
						<b>A.Sub Total Rs.</b>
						1845145.12
						<b>B. Stock, Storage &amp; Insurance @ 3% of A</b>
						55,354.35
						<b>Sub Total (C=A+B)</b>
						<b>19,00,499.48</b>
						<b>T&amp;P @ 2% of C</b>
						38,009.99
						<b>Contingency @ 3% of C</b>
						57,014.98
						<b>Transportation @ 7.5% of C</b>
						1,42,537.46
						<b>Erection Charges @ 5% for transformer cost including stock, storage &amp; insurance @3%</b>
						18,351.14
						<b>Erection Charges @ 20% for PSC Pole cost including stock, storage &amp; insurance @3%</b>
						27,468.04

Erection Charges @ 10% for Other materials cost including stock, storage & insurance @3%						1,39,613.64
Total Estimated Cost						<b>23,23,494.73</b>
26	Concrete material for stay anchor plate CC Foundation 1:3:6 size by using 4 cm size HBG metal=0.45x0.45x1.5)mtr	Nos	12		1270.00	15240
27	Cement concreting of support with CC Foundation 1:3:6 size by using 4 cm size HBG metal=0.45x0.45x1.5)mtr	Nos	56		1270.00	71120
28	Couping materials for supporting pole	Nos	9		190.00	1710
29	Materials for Massionary work for earth Pit, Charcoal, Salt etc for earthing	Nos	9		1600.00	14400
30	Plinth	No	1		16796.42	16796.42
31	Boundary wall	No	1		83331.00	83331
Total Material Cost						25,26,092.15
<b>Cess @ 1%</b>						25,260.92
Total Estimated Cost						25,51,353.07
Total Estimated Cost in Figures						<b>25,51,353.00</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.)**