

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 MODEL BUS STAND AT SIMILIGUDA IN THE DISTRICT OF KORAPUT.

BID REF NO :- 13 /PM/ELECT/OPHWC/2022-23

**NAME &
ADDRESS
OF THE
FIRM**

SCHEDULE OF WORKS

PART-I List of Materials with cost for 3 PH 3 W 11 KV line .

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.		AMOUNT IN RS.
				RATE IN RS.	RATE WITH ESCALATION CHARGES IN RS.	
1	11 KV V cross arm	No	12	810.00	1004.40	12,052.80
2	Back clamp for 11 KV V cross arm	No	12	80.00	99.20	1,190.40
3	11 KV F clamp 2.9 Kg each	No	12	240.00	297.60	3,571.20
4	11 KV Pin insulator polymer	No	36	200.00	248.00	8,928.00
5	11 kv Disc Insulator (T&C) 45 KN polymer	No.	17	860.00	1066.40	18,128.80
6	11 KV Hard ware fittings (T&C) 45 KN	No.	17	130.00	161.20	2,740.40
7	100x50x6 mm MS Channel	Kg	128.8	65.00	80.60	10,381.28
8	HT stay set (Complete) REC construction standard	No.	7	1050.00	1302.00	9,114.00
9	11 KV stay Insulator Type C	No.	7	50.00	62.00	434.00
10	HT Stay Clamp (1.9 kg/ Pair)	Pair	7	125.00	155.00	1,085.00
11	7/10 SWG GI Saty wire (Grade 2)	Kg	70	75.00	93.00	6,510.00
12	MS nuts, bolts and washers	Kg	30	71.00	88.04	2,641.20
13	3Cx55 sq. mm XLPE cable(Armoured)	Mtr	260	406.00	503.44	1,30,894.40
14	3Cx50 sq. mm XLPE cable joint(outdoor)	No	4	10949.00	13576.76	54,307.04
15	11 KV Lighting arrestor, 9KV, 10KA	No	3	1000.00	1240.00	3,720.00
16	80 sq. mm AAAC	Km	2.2248	43000.00	53320.00	1,18,626.34
17	Concrete material for stay anchor plate with CC 1:3:6 using 4 cm size hard granite metal (0.45x0.45x1.5) mtr 0.3037 cum @4158.84= 0.3037x4158.84=1263.03 or 1270	No.	3	1270.00	1270.00	
18	150x150 mm RS Joist Pole(9 Mtr)	No	13	17901.00	22197.24	2,88,564.12
19	150x150 mm RS Joist Pole(11 Mtr)	No	2	21879.00	27129.96	54,259.92
20	GI base plate (500x500x10)	No.	15	1500.00	1860.00	27,900.00

21	Earthing of Support coil type	No	15	166	205.84	3,087.60
22	Padding & Concreting material for support	No.	15	1460.00	1460.00	
23	GI wire for guarding	Kg	50	75.00	93.00	4,650.00
24	Guarding cross Arm	Kg	40.664	65.00	80.60	3,277.52
25	GI pipe earthing 40 mm dia medium gauge 2.5 Mtr. Long	No	8	1050.00	1302.00	10,416.00
26	Material for earthing including masonry work	No	8	1600.00	1600.00	
27	Sundries (Paint,Danger Board, Aluminium binding tape,insulating tape,Anticlimbing device,clamp connector,jumpering materials,socket & other cable accessories, etc)	LS	1	2000.00	2000.00	2,000.00
						7,78,480.01
PART-III	List of Materials with cost for Double pole mounted 11/0.4 KV 25 KVA S/S					
1	150x150 mm RS Joist Pole(9 Mtr)	No	2	17901.00	22197.24	44,394.48
2	Pressure channel 100X50X6mm 2.8 mtr long 2 nos for top channel	Kg.	51.52	65.00	80.60	4,152.51
3	AB switch & HG fuse mounting Channel (75x40x6mm) 2.8 mtr long 4 nos (6.8kg/Mtr)	Kg.	76.16	65.00	80.60	6,138.50
4	Transformer base channel (50x50x6)mm MS Angle 2.8 mtr long 2 nos with side angle	Kg.	51.52	65.00	80.60	4,152.51
5	Angle for mounting LT distribution box (50x50x6)mm 1.0 mtr long 2 nos	Kg.	34.2	65.00	80.60	2,756.52
6	11 kv Disc Insulator (T&C) 45 KN polymer	No.	3	860.00	1066.40	3,199.20
7	11 KV Hard ware fittings (T&C) 45 KN	No.	3	130.00	161.20	483.60
8	11KV AB switch 3 pole(200 Amp)	Set	1	7350.00	9114.00	9,114.00
9	11KV HG fuse 3 pole(200 Amp)	Set	1	6120.00	7588.80	7,588.80
10	11 KV Lighting arrestor, 12KV, 10KA	No.	3	1000.00	1240.00	3,720.00
11	LT Distribution box with MCCB, Al busbar for 2 bay with kitkat fuse for 25 KVA S/S	No.	1	14930.00	18513.20	18,513.20
12	Back Clamp for angle of kitkat fuse	No	2	80.31	99.58	199.17
13	HT stay set (Complete) REC construction standard	No.	2	1050.00	1302.00	2,604.00
14	11 KV stay Insulator Type C	No.	2	50.00	62.00	124.00
15	HT Stay Clamp (1.9 kg/ Pair)	Pair	2	125.00	155.00	310.00
16	7/10 SWG GI Saty wire (Grade 2)	Kg	20	75.00	93.00	1,860.00
17	GI Pipe earthing 40 mm Dia Medium gauge 3 mtrs long	No.	5	1050.00	1302.00	6,510.00
18	Earthing of Support coil type	No.	2	166.00	205.84	411.68
19	GI flat 25x6 mm	Kg	25	75.00	93.00	2,325.00
20	MS nuts & bolts	Kg	30	71.00	88.04	2,641.20
21	25 KVA, 11/0.4 KV Al. Transformer	No	1	53800.00	66712.00	66,712.00
22	LT 3 1/2 core 95 sqmm PVC cable	Mtr	15	333.00	412.92	6,193.80

23	GI base plate (500x500x10) for PSC pole (20KG)	No.	2	1500.00	1860.00	3,720.00
24	Sundries (Paint,Danger Board, Aluminium binding tape,insulating tape,Anticlimbing device,clamp connector,jumpering materials,socket & other cable accessories, etc)	LS	1	2000.00	2480.00	2,480.00
Sub Total of Part II						2,00,304.17
A. Sub Total material Cost in Rs						9,78,784.18
B. Stock, Storage & Insurance @ 3% of A						29,363.53
Sub Total (C=A+B)						10,08,147.71
T&P @ 2% of C						20,162.95
Contingency @ 3% of C						30,244.43
Transportation @ 7.5% of C						75,611.08
Erection Charges @ 5% for transformer cost including stock, storage & insurance @3%						23,377.42
Erection Charges @ 20% for PSC Pole cost including stock, storage & insurance @3%						-
Erection Charges @ 10% for Other materials cost including stock, storage & insurance @3%						54,059.92
Total Estimated Cost						12,11,603.51
25	Material for earthing including masonry work	No	10	1600		16,000.00
27	Concreting of stay CC 1:3:6 using 40 mm HBG metal	No	9	1270		11,430.00
28	Concreting of support CC 1:3:6 using 40 mm HBG metal	No	17	1460		24,820.00
29	Dismantalling of HT Pole	No	7	972		6,804.00
30	Dismantalling of HT span	span	9	500		4,500.00
						12,75,157.51
Cess @ 1%						12751.58
Total Estimated Cost						1287909.09
					Or Say	12,87,909.00
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)