

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 :- 03 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 6-E+10-F TYPE QUARTERS AT RESERVE OFFICE IN THE DISTRICT OF GAJAPATI.

BID REF NO.- 105/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.
PART-I	3 phase 3W 11 KV line with 80 sq. mm AAAC -0.01 Km				
1	11 Mtr Long (160x152)mm WPB Pole(30.44 Kg/mtr)for support	No	1	34321.52	34321.52
2	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1053.00	1053.00
3	11 KV F clamp 2.9 Kg each	No	1	312.00	312.00
4	GI Back clamp for 11 KV V Cross Arm	No.	1	104.00	104.00
5	100x50x6 mm GI channel for straight cross arm,1.45 Mtr.,9.2 Kg/Mtr.(2 Nos.)including top piece	Kg	26.68	84.50	2254.46
6	Galvanisation of all Ms and RS materials	Kg	40.63	13.00	528.19
7	Disc insulator 45 KN (T&C) Polymer	No.	3	1118.00	3354.00
8	11 KV HW fitting (T&C)45 KN	No	3	169.00	507.00
9	11KV Pin Insulator polymer	No.	6	260.00	1560.00
10	HT stay set complete	No.	1	1365.00	1365.00
11	11KV stay insulator	No.	1	65.00	65.00
12	7/10 SWG stay wire, Grade-2	Kg	10	97.50	975.00
13	HT stay clamp (1.9 Kg/Pair)	pair	1	162.50	162.50
14	Earthing support coil type	No	1	215.80	215.80
15	80 sq. mm AAAC	Km	0.0309	55900.00	1727.31
16	PG clamp for 80 sq. mm AAAC	No	3	689.00	2067.00
17	Danger Board	No	1	82.40	82.40
18	Fish plate(0.661 Kg/item)	No	6	64.44	386.64
19	GI Nuts and Bolts of assorted size	Kg	3	101.40	304.20
20	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1000.00
					52345.02
PART-II	Installation of 250 KVA 11/0.4KV sub station - 1 No.				

1	11 Mtr Long (160x152)mm WPB Pole(30.44 Kg/mtr)for support	No	2	34321.52	68643.04
2	Top Pressure Channel 100x50x6mm channel each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	84.50	4353.44
3	Transformer mounting GI channel 100x50x6 mm-2.8 Mtr. Long,2 Nos.(6.8Kg/mtr)	K.g	51.52	84.50	4353.44
4	AB switch &HG fuse mounting channel(75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	84.50	6435.52
5	Transformer belting GI angle 50x50x6 mm-2.8 Mtr. Long,2 Nos.(4.5Kg/mtr)with side angle total 7 Mtr.	Kg	31.5	84.50	2661.75
6	GI Cantilever angle for supporting HG fuse 75x40x6mm 1.0 mtr. Long 2 Nos. (6.8 kg./mtr.)	Kg.	13.6	84.50	1149.20
7	GI Cantilever Channel for supporting HG Fuse 50x50x6mm. 1.5 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.5	84.50	1140.75
8	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr. .	K.g	7	84.50	591.50
9	Galvanisation of all Ms and RS materials	Kg	244.8	13.00	3182.40
10	11KV AB switch(3 pole,400 Amp,50Hz)	Set	1	15405.00	15405.00
11	11KV HG fuse (3 pole,400 Amp)with PI	Set	1	14989.00	14989.00
12	Disc insulator 45 KN (T&C) Polymer	No.	3	1118.00	3354.00
13	11 KV HW fitting (T&C)45 KN	No	3	169.00	507.00
14	25x6 mm GI flat(for others)	Kg	40	97.50	3900.00
15	25x4 mm GI flat(for Neutral)	Kg	8	97.50	780.00
16	12 KV 10 KA LA	No.	3	4615.00	13845.00
17	Earthing of support coil type	No.	2	215.80	431.60
18	HT stay set complete	No.	2	1365.00	2730.00
19	11KV stay insulator	No.	2	65.00	130.00
20	7/10 SWG stay wire, Grade-2	Kg	20	97.50	1950.00
21	HT stay clamp (1.9 Kg/Pair)	pair	2	162.50	325.00
22	80 sq. mm AAAC for jumpering	Km	0.01	55900.00	559.00
23	3.5 core 300 sq. mm LT PVC cable(Un armoured)	Mtr.	15	1292.20	19383.00
24	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
25	250 KVA 11/0.4 KV (AL) Transformer with BIS Energy Level-II	No	1	348985.00	348985.00
26	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	7	1365.00	9555.00
27	PG clamp for 55 sq. mm AAAC	No	6	624.00	3744.00
28	Fish plate(0.661 Kg/item)	No	6	64.44	386.64
29	GI Nuts and Bolts of assorted size	Kg	25	101.40	2535.00
30	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1000.00
					599405.28
PART-III	Construction of LT 3ph 6 W line using 4x95+1x95+1x16 sqmm XLPE AB Cable=0.24 Km				

1	9 Mtr Long 300 KG PSC Pole	No	8	3900.00	31200.00
2	RCC Base plate	No	8	364.00	2912.00
3	1.1 KV(4x95+1x95+1x16) sqmm XLPE AB Cable	Km	0.25	368637.85	92896.74
4	L.T Stay set (Complete)	Set	5	676.00	3380.00
5	L.T Stay Insulator	No.	5	39.00	195.00
6	L.T Stay Clamp(1.4 K.g/Pair)	Pair	5	143.00	715.00
7	7/12 SWG Stay Wire	Kg	40	97.50	3900.00
8	Suspension clamp with I Hook	No.	5	442.00	2210.00
9	Dead end clamp suitable for XLPE cable	No	6	84.50	507.00
10	Pole clamp for eye Hook for AB cable	pair	8	260.00	2080.00
11	Piercing connector	No	16	104.00	1664.00
12	Neutral connector	No	8	42.90	343.20
13	Earthing device coil type	No	8	215.80	1726.40
14	Danger Board	No.	8	104.00	832.00
15	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. ,1No.	Kg	2.407	97.50	234.68
16	GI ply ,2.5 mm dia barbed wire for anticlimbing device	Kg	24	104.00	2496.00
17	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	9.629	97.50	938.83
18	GI Nuts and Bolts	Kg	1	101.40	101.40
19	Sundries	LS	1	500.00	500.00
					148832.25
					A.Sub Total Rs. 8,00,582.55
B	Stock,storage and insurance (@3% on A)				24017.48
C	TOTAL RS.				824600.02
D	T&P @ 2% of C				16492.00
E	Contigency @ 3% of C				24738.00
F	Transportation @ 7.5% of C				61845.00
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				62398.20
H	TOTAL RS.				990073.23
20	Stay concreting in ratio 1:2:4 as per TPSODL specification and drawing = 0.2 cum	Nos.	8	1235.58	9884.64
21	Concreting of 11 Mtr. Pole in ratio 1:1:5:3=0.45 cum	Nos.	11	2880.00	31680.00
22	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1600.00	11200.00
23	Brick wall Boundaring (size=5 Mtr.x4 Mtr.)with fixing of iron grill gate etc(as per the TPSODL specification)	No	1.00	85,064.10	85064.10
24	Sand and metal spreading	Ls	1.00	2,000.00	2000.00
25	Plinth for 11/0.4 KV, 250 KVA S/S	Ls	1.00	32,181.60	32181.60
				Total Rs.	1,72,010.34
	Sub Total Rs.				11,62,083.57

	Cess @ 1%				11,620.84
	Total Estimated Cost				11,73,704.40
	Total Estimated Cost in Figures				11,73,704.00
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/-
D.M (Elect) I/C**

**Sd/-
Project Manager(Elect.)**