

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 :- 07 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 6-E+4-E+6-E+6-E TYPE QUARTERS AT BSF CAMP, MV-03, IN THE DISTRICT OF MALKANGIRI.

BID REF NO.- 85/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	11 KV LINE -0.03 Km				
1	11 Mtr. Long 160X152 WPB Pole(30.44 Kg/Mtr.)	No.	1	34321.5	34321.50
2	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1053.00	1053.00
3	Back clamp for 11 KV V Cross Arm	No.	1	104.00	104.00
4	11 KV Top F clamp for PSC Pole ,2.9 Kg	No.	1	312.00	312.00
5	Earthing support coil type	No	1	215.80	215.80
6	11KV Pin Insulator polymer	No.	5	260.00	1300.00
7	Disc insulator 70 KN (B&S) Polymer	No.	3	1495.00	4485.00
8	11 KV HW fitting (B&S)3 bolted	No	3	455.00	1365.00
9	PG clamp for 80 sq. mm AAAC	No	3	689.00	2067.00
10	HT stay set complete	No.	1	1365.00	1365.00
11	11KV stay insulator	No.	1	65.00	65.00
12	HT stay clamp (1.9 Kg/Pair)	pair	1	162.50	162.50
13	7/10 SWG stay wire, Grade-2	Kg	10	97.50	975.00
14	No. 8 GI wire(dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.26	97.50	25.35
15	GI Nuts and Bolts of assorted size	Kg	3	101.40	304.20
16	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	500.00	500.00
17	80 sq. mm AAAC	Km	0.0927	55900.00	5181.93
18	Danger Board	No.	1	104.00	104.00
19	Back clamp for Danger Plate 25x3 mm flat,0.59 kg/Mtr.,flat of 0.510 Mtr.,1 No.	Kg	0.3	97.50	29.25
20	GI barbed wire anticlimbing device	Kg	3	104.00	312.00
21	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.2	97.50	117.00
A.Sub Total Rs.					54,364.53
PART-II	LT 3ph 5 W line using 3x95+1x70+1X16 sqmm XLPE AB Cable-1.16 Km				

1	9 Mtr. Long 300 KG PSC Pole	No	33	3900.00	128700.00
2	RCC Base Plate	No	33	364.00	12012.00
3	Danger Board	No.	33	104.00	3432.00
4	Back clamp for Danger Plate 25x3 mm flat,0.59 kg/Mtr.,flat of 0.510 Mtr.,1 No.	Kg	9.9297	97.50	968.15
5	GI barbed wire anticlimbing device	Kg	99	104.00	10296.00
6	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	39.719	97.50	3872.60
7	Pole clamp for eye Hook for AB cable	Pair	33	260.00	8580.00
8	Suspension clamp with I Hook for ABC	No.	33	442.00	14586.00
9	Eye Hook for AB Cable for Dead end point	No.	13	84.50	1098.50
10	Conductor Dead End clamp suitable for bare messenger XLPE Areial bunched cable(25-70 sq. mm)	No.	13	162.50	2112.50
11	L.T Stay set (Complete)	Set	11	676.00	7436.00
12	L.T Stay Insulator	No.	11	39.00	429.00
13	L.T Stay Clamp(1.4 K.g/Pair)	Pair	11	143.00	1573.00
14	7/12 SWG Stay Wire	Kg	88	97.50	8580.00
15	Earthing device coil type(GI)	No	33	215.80	7121.40
16	No.8 GI wire (Dia 4.6 mm)0.131 Kg/Mtr.,2 Mtr.for connecting pole with coil earthing	Kg	8.65	97.50	843.38
17	End Cap for ABC Cable	No	65	108.00	7020.00
18	3x95+1x70+1X16 sqmm LT XLPE AB Cable	Km	1.03	315900.00	325377.00
19	GI Nuts and Bolts of assorted size	Kg	25	101.40	2535.00
A.Sub Total Rs.					5,46,572.52
PART-III	250 KVA 11/0.4KV sub station -01 No.				
1	11 Mtr. Long 160X152 WPB Pole(30.44 Kg/Mtr.)	No.	2	34321.5	68643.00
2	250 KVA 11/0.4 KV (AL) Transformer with BIS Energy Level-II	No	1	348985.00	348985.00
3	LT Distribution box with MCCB, Aluminium Bus bar with Kitkat Fuse for 250 KVA S/S	No	1	62400.00	62400.00
4	11KV AB switch(3 pole,400 Amp,50Hz)	Set	1	15405.00	15405.00
5	9KV 10KA LA, Station class	No.	3	1300.00	3900.00
6	11KV HG fuse (3 pole,400 Amp)with PI	Set	1	14989.00	14989.00
7	Cable 1.1 KV Al 1Cx300 sq. mm	Mtr.	40	496.00	19840.00
8	Gland for 1.1 KV Al 1Cx300 sq. mm	No	4	840.00	3360.00
9	Pressure Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)	K.g	51.52	97.50	5023.20
10	AB switch &HG fuse mounting channel(75x40x6)mm,2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	97.50	7425.60
11	Bracing channel(75x40x6)mm 2.8 Mtr. Long,2 No.(6.8 Kg/Mtr.)	K.g	38.08	97.50	3712.80
12	Angle for Cross Bracing(50x50x6)mm 3.5 Mtr. Long 2 Nos.(4.5Kg/Mtr.)	Kg	31.5	97.50	3071.25
13	Cantilever Channel for supporting HG Fuse (75x40x6) mm 1 Mtr. 2 No.(6.8 Kg/Mtr.)	Kg	13.6	97.50	1326.00

14	Angle for mounting LT Distribution Box (50x50x6)mm 1 mtr. Long 2 No.(4.5 Kg/Mtr.)	Kg.	9	97.50	877.50
15	AB switch Operating pipe Diagonal Angle support 50x50x6 mm GI(388 mm Long)(4.5 Kg/Mtr.)	Kg.	1.75	97.50	170.63
16	AB switch Operating pipe Diagonal Base Angle support 50x50x6 mm GI(340 mm Long)(4.5 Kg/Mtr.)	Kg.	1.53	97.50	149.18
17	Cantilever support angle 50x50x6 mm GI (1282 mm Long)(4.5 Kg/Mtr.)	Kg.	5.769	97.50	562.48
18	Disc insulator 70 KN (B&S) Polymer	No.	3	1495.00	4485.00
19	11 KV HW fitting (B&S)3 bolted	No	3	455.00	1365.00
20	HT stay set (Complete)	No.	4	1365.00	5460.00
21	stay Insulator, Type-C	No.	4	65.00	260.00
22	Stay clamp	pair	4	162.50	650.00
23	7/10 SWG GI Saty wire, grade-2	Kg	40	97.50	3900.00
24	Earthing coil type	No	2	215.80	431.60
25	No. 8 GI wire(dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.626	97.50	61.04
26	25x6 mm GI flat for earthing	Kg	45	97.50	4387.50
27	25x4 mm GI Flat(LA)	Kg	20	97.50	1950.00
28	GI nut,bolt & washers	Kg	25	101.40	2535.00
29	Lug AL crimping 300 sq. mm XLPE one Hole	EA	8	38.42	307.36
30	40 mm nominal bore GI pipe (medium gauge)earthing device with 3 Mtr. Long	No	7	1365.00	9555.00
31	80 sq. mm AAAC	Km	0.02	55900.00	1118.00
32	Danger Board	No.	2	104.00	208.00
33	Back clamp for Danger Plate 25x3 mm flat,0.59 kg/Mtr.,flat of 0.510 Mtr.,1 No.	Kg	0.6018	97.50	58.68
34	GI barbed wire anticlimbing device	Kg	6	104.00	624.00
35	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.4072	97.50	234.70
					597431.50
	A.Sub Total Rs.				11,98,368.55
B	Stock,storage and insurance (@3% on A)				35951.06
C	TOTAL RS.				1234319.61
D	T&P @ 2% of C				24686.39
E	Contingency @ 3% of C				37029.59
F	Transportation @ 7.5% of C				92573.97
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				113412.65
H	TOTAL RS.				15,02,022.21
36	Cement Concrete for stay anchor plate CC foundation 1:2:4 size as per TPSODL specification.	Nos.	16	1235.58	19769.28

37	Cement Concreting for 11 Mtr. Long WPB Pole in ratio 1:1:5:3 and coupling of poles in ratio 1:1:5:3	Nos.	3	3600.00	10800.00
38	Cement Concreting for 9 Mtr. PSC Pole in ratio 1:1:5:3 and coupling of poles in ratio 1:1:5:3	Nos.	33	3120.00	102960.00
39	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal and RCC cover etc.	Ls	7	1600.00	11200.00
40	Plinth for 250 KVA S/S	No	1	21269.55	21269.55
41	Boundary wall for 250 KVA S/S	No	1	150000.00	150000.00
42	Dismantling charges of existing LT Line	Span	2	400.00	800.00
Total Rs.(Part-III)					18,18,821.04
Cess @ 1%					18,188.21
Total Estimated Cost					18,37,009.25
Total Estimated Cost in Figures					18,37,009.00
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.)