

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 :- 04 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO POLICE OUT POST BUILDING AT PITALA IN THE DISTRICT OF GANJAM.

BID REF NO.-15/PM/ELECT/OPHWC/2024-25

NAME & ADDRESS OF THE FIRM	
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SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
PART-I	Installation of 25 KVA 11/0.4KV sub station - 1 No.				
1	11 Mtr Long (160x160)mm WPB Pole(30.44 Kg/mtr)for Support	No	2	34321.52	68643.04
2	Earthing coil for support	No	2	225.76	451.52
3	Danger board	No	2	108.80	217.60
4	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.2	102.00	122.40
5	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	108.80	652.80
6	Back clamp for ACD (25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	4.8144	102.00	491.07
7	Pressure Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	102.00	5255.04
8	Transformer mounting Channel 100x50x6mm channel 2.8 mtr long,4 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	102.00	5255.04
9	AB switch &HG fuse mounting channel GI(75x40x6)mm,2.8mtr long 4 No(6.8Kg/mtr)with Galvanisation	K.g	76.16	102.00	7768.32
10	Cantilever Channel for supporting HG Fuse 75x40x6mm. MS Angle 1 mtr. Long 2 Nos. (6.8kg./mtr.)with Galvanisation	Kg.	13.6	102.00	1387.20
11	Cantilever angle for supporting HG Fuse 50x50x6mm MS Angle 1.5 mtr. Long 2 Nos. (4.5 kg./mtr.)with Galvanisation	Kg.	9	102.00	918.00

12	Angel for cantilever arrangement for AB switch and HG Fuse 50x50x6mm 2 Mtr. Long each ,2 Nos.(4.5Kg./mtr)	Kg.	18	102.00	1836.00
13	GI Belting 50x50x6 mm ,angle 3.5 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg.	31.5	102.00	3213.00
14	Angle for mounting LT Distribution Box (50x50x6)mm 1 Mtr. Long 2 Nos.(3.5 Kg/Mtr.)with Galvanisation	Kg	7	102.00	714.00
15	11KV Disc insulatorT & C,45 KN Polymer	No.	3	1169.60	3508.80
16	11KV H.W Fittings T&C 45KN	No.	3	176.80	530.40
17	11KV AB switch 3 pole(400 Amp, 50 Hz)	Set	1	9996.00	9996.00
18	11KV HG fuse 3 pole(400 Amp)	Set	1	8323.20	8323.20
19	11 KV LA(9 KV, 5 KA)	No.	3	1332.80	3998.40
20	HT stay set (Complete)REC Construction standard	No.	2	1428.00	2856.00
21	HT stay Insulator, Type-C	No.	2	68.00	136.00
22	Stay clamp(1.9 Kg/Pair)	pair	2	170.00	340.00
23	7/10 SWG GI Saty wire, grade-2	Kg	20	102.00	2040.00
24	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1428.00	9996.00
25	No.6 GI wire for earthing	Kg	25	102.00	2550.00
26	25x4 mm GI flat for earthing	Kg	10	102.00	1020.00
27	25 KVA, 11/0.4 KV (AL) Transformer,BIS Energy Level-II	No	1	73168.00	73168.00
28	LT Distribution box with MCCB, Aluminium Bus bar for single bay with Kitkat Fuse for 25 KVA S/S	No	1	20304.80	20304.80
29	50 sq. mm 3.5 core LT XLPE Cable(Un-Armoured)	Mtr.	12	276.08	3312.96
30	GI Nuts, Bolts and washers of assorted size	Kg	25	106.08	2652.00
31	Sundries (Paint,Binding wire,Insulating Tape,pole numbering etc.	LS	1	1500.00	1500.00
A.Sub Total Rs.					243157.59
PART-II	3 phase 3W 11 KV line with 3 C 35 sq. mm XLPE cable-0.01 Km				
1	11 Mtr Long (160x160)mm WPB Pole(30.44 Kg/mtr)for Support	No	1	34321.52	34321.52
2	Earthing support coil type	No	1	225.76	225.76
3	Danger Board	No	1	108.80	108.80
4	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	0.6018	102.00	61.38
5	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	108.80	326.40
6	Back clamp for ACD (25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	2.4072	102.00	245.53
7	100x50x6 mm channel for straight cross arm,1.2 Mtr.,9.2 Kg/Mtr.(10 Nos.)with galvanisation	Kg	22.08	102.00	2252.16
8	Fish Plate(50x8)mm,Each 0.28 Mtr. ,0.97 Kg/Mtr.	Kg	0.5432	102.00	55.41

9	75x40x6 mm GI channel 1.2 Mtr. Long 2 Nos. @6.8 Kg/Mtr. For providing support for 2 Nos. Road crossing guarding	Kg	16.32	102.00	1664.64
10	11 KV LA(For 11 KV XLPE cable)	No.	3	1332.80	3998.40
11	Heat Shrinkable jointing kit for 3Cx35 sq. mm 11 KV XLPE cable(out door type)	No.	4	12805.76	51223.04
12	3Cx35 sq. mm 11 KV XLPE cable(armoured)A2XFY	Mtr.	21	488.24	10253.04
13	7/12 SWG Stay GI Wire for support of XLPE Cable	Kg	6.425	102.00	655.35
14	11 KV XLPE cable clamp to to hold support wire	No	20	20.00	400.00
15	Pole clamp for eye Hook for AB cable	pair	4	272.00	1088.00
16	Dead end clamp	No	4	88.40	353.60
17	Eye Hook for Dead end Clamp	No.	4	81.60	326.40
18	GI pipe earthing 40 mm dia medium gauge,3 Mtr. Long	No	3	1428.00	4284.00
19	25x4 mm GI flat earthing for XLPE cable & LA	Kg	50	102.00	5100.00
20	HT stay set (Complete)	No.	1	1428.00	1428.00
21	HT stay Insulator, Type-C	No.	1	68.00	68.00
22	HT Stay clamp(1.9 Kg/Pair)	pair	1	170.00	170.00
23	7/8 SWG GI Saty wire, grade-2	Kg	12	102.00	1224.00
24	GI Nut, Bolt & washer of assorted size	Kg	5	106.00	530.00
25	Saundries(Binding wire, Insulating Tape, Pole numbering etc.	No.	1	1000.00	1000.00
					121363.43
PART-III	Construction of LT 3ph 6 W line using 4x50+1x50+1x16 sqmm XLPE AB Cable=0.18 Km(6 Span)				
1	9 Mtr. Long 300 KG PSC Pole	No	7	4080.00	28560.00
2	GI Base plate for support(500x500x10)MM,20 Kg	No	7	2040.00	14280.00
3	Earthing support coil type	No	7	225.76	1580.32
4	Danger Board	No	7	108.80	761.60
5	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	4.2126	102.00	429.69
6	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	21	108.80	2284.80
7	Back clamp for ACD (25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	16.8504	102.00	1718.74
8	L.T Stay set (Complete)	Set	8	707.20	5657.60
9	L.T Stay Insulator	No.	8	40.80	326.40
10	L.T Stay Clamp(1.4 K.g/Pair)	Pair	8	149.60	1196.80
11	7/12 SWG Stay Wire	Kg	64	102.00	6528.00
12	4x50+1x50+1x16 sqmm XLPE AB Cable	Km	0.19	198018.01	37425.40
13	Pole clamp for eye Hook for AB cable	pair	10	272.00	2720.00
14	Suspension clamp with Eye Hook	No	2	462.40	924.80
15	Dead end clamp for Bare messenger of ABC	No	8	88.40	707.20
16	Insulated piercing connector.Type-B-main 16 to 95 sq.mm to Tap-16 to 95 to 10 sq.mm	No	8	54.40	435.20

17	Neutral connector Type-B suitable for main-35-70 sq. mm AAAC & Tap-2.5 to 10 sq. mm service cable cover by black weather resistant insulation cover.	No	2	44.88	89.76
18	GI Nut, Bolt & washer	Kg	10	106.08	1060.80
19	Saundries(Al. Binding tape, Insulating Tape, Paint etc.	No.	1	2500.00	2500.00
					109187.11
	A.Sub Total Rs.				473708.13
B	Stock,storage and insurance (@3% on A)				14211.24
C	TOTAL RS.				487919.38
D	T&P @ 2% of C				9758.39
E	Contingency @ 3% of C				14637.58
F	Transportation @ 7.5% of C				36593.95
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				42662.79
H	TOTAL RS.				591572.09
20	Construction of Brick wall Boundary with civil and MS material with metal and sand spreading .	Mtr.	16.00	4,725.80	75612.80
21	Concreting of support C:C 1:1:5:3,0.375 cum @6400 for 9 Mtr. PSC Pole	Nos.	7	2400.00	16800.00
22	Concreting of support C:C 1:1:5:3,0.45 cum @6400 for 11 Mtr. WPB Pole	Nos.	3	2880.00	8640.00
23	Couping with C.C 1:1:5:3,0.1125 cum @6400	Nos.	10	720.00	7200.00
24	Cement concreting for stud & stay anchor Plate with C.C ,1:2:4,0.2 cum @6177.92	Nos.	11	1235.58	13591.38
25	Materials for Masonary work for earth pit, charcoal, salt etc. including construction of earthing chamber (size -2"x2") and RCC slab cover.	No	10	1600.00	16000.00
					137844.18
					7,29,416.27
	Sub Total Rs.				7,294.16
	Cess @ 1%				7,36,710.43
	Total Estimated Cost				7,36,710.00
	Total Estimated Cost in Figures				7,36,710.00

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.)**