

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 16-F TYPE QTRS. AT BIJEPUR POLICE STATION, BERHAMPUR IN THE DIST. OF GANJAM.

BID REF NO.- 77/PM/ELECT/OPHWC/2023-24

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. 2023-24	AMOUNT IN RS.
PART-I	3 phase 3W 11 KV line with 35 sq. mm XLPE cable-0.02 Km(double circuit)				
1	3Cx35 sq. mm 11 Kv XLPE cableK(armoured)A2FXY(double Circuit)	Mtr.	42	466.70	19601.40
2	Heat shrinkable jointing kit for 3Cx35 sq. mm 11 KV XLPE cable (outdoor)type	No.	4	12240.80	48963.20
3	100x50x6 mm channel 9.2 Kg/Mtr.(2 Nos.)with galvanisation @ 2.2 Mtr. Long	Kg	40.48	97.50	3946.80
4	11 KV LA(9 KV, 10 KA)	No	3	1300.00	3900.00
5	25x6 mm GI flat, @ 1.2 Kg/mtr.	Kg	10	97.50	975.00
6	Disc insulator 70 KN (T&C) Polymer	No.	1	1495.00	1495.00
7	11 KV HW fitting (T&C)70 KN 3 Bolted	No	1	455.00	455.00
8	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	1	1365.00	1365.00
9	XLPE cable clamp to hold support wire	No	20	20.00	400.00
10	7/12 SWG GI stay wire	Kg	20	97.50	1950.00
11	GI Nuts and Bolts of assorted size	Kg	3	101.40	304.20
					83355.60
PART-II	Installation of 100 KVA 11/0.4KV sub station - 1 No.				
1	11 Mtr Long (160x152)WPB/150X150 mm GI Joist Pole(34.6 Kg/mtr)	No	2	37108.50	74217.00
2	Earthing support coil type	No	2	215.80	431.60
3	Top Pressure GI Channel 100x50x6mm channel each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	97.50	5023.20

4	Transformer mounting GI Channel 100x50x6mm channel each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	97.50	5023.20
5	AB switch &HG fuse mounting channel(75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	97.50	7425.60
6	Cantilever GI Channel for supporting AB switch Arm 75x40x6mm. 1 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	97.50	1326.00
7	Cantilever angle for supporting AB switch and HG fuse 50x50x6mm 1.5 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	18	97.50	1755.00
8	Transformer Belting GI angle 50x50x6 mm Angel(2.8 Mtrs., Long,2 Nos.)@ 4.5 kg./mtr.with side angle total 7 Mtr.	Kg.	31.5	97.50	3071.25
9	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr. .	K.g	11.25	97.50	1096.88
10	Disc insulator 45 KN (B&S) Polymer	No.	3	1118.00	3354.00
11	11 KV HW fitting(B&S)2 bolted	No	3	338.00	1014.00
12	11KV AB switch(3 pole,200 Amp,50Hz)	Set	1	9555.00	9555.00
13	11KV HG fuse (3 pole,200 Amp)with PI	Set	1	7956.00	7956.00
14	11 KV LA(9 KV, 10 KA)	No	3	1300.00	3900.00
15	HT stay set complete	No.	2	1365.00	2730.00
16	11KV stay insulator	No.	2	65.00	130.00
17	7/10 SWG stay wire, Grade-2	Kg	20	97.50	1950.00
18	HT stay clamp (1.9 Kg/Pair)	pair	2	162.50	325.00
19	LT Distribution Box with MCCB, Aluminium Bus Bar for single bay with Kitkat fuse for 100 KVA S/S .	No	1	31744.70	31744.70
20	100 KVA 11/0.4 KV (AL) Transformer with BIS Energy Level-II	No	1	152100.00	152100.00
21	3.5 core 120 sq. mm LT PVC cable(un armoured)	Mtr.	15	543.40	8151.00
22	55 sq. mm AAAC for jumpering	Km	0.05	39000.00	1950.00
23	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	6	1365.00	8190.00
24	25x6 mm GI flat(for others)	Kg	40	97.50	3900.00
25	25x4 mm GI flat(for LA)	Kg	10	97.50	975.00
26	GI Nuts and Bolts of assorted size	Kg	25	101.40	2535.00
27	Danger Board	No.	2	104.00	208.00
28	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	4	104.00	416.00
29	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1000.00
					341453.43
PART-III	Construction of LT 3ph 5 W line using 3x35+1x25+1x16 sqmm XLPE AB Cable=0.18 Km				
1	9 Mtr Long 300 KG PSC Pole	No	6	3900.00	23400.00
2	GI Base Plate(500x500x10 mm)	No	6	1950.00	11700.00
3	Earthing device coil type	No	6	215.80	1294.80
4	Pole clamp for holding of supporting of Eye Hook and Dead End clamp	No	9	260.00	2340.00

5	Suspension clamp with I Hook for ABC	Pair	3	442.00	1326.00
6	Dead End Clamp	No	6	84.50	507.00
7	Neutral Connector	No	9	42.90	386.10
8	Piercing connector, type-B main	No	27	52.00	1404.00
9	3x35+1x25+1x16 sqmm XLPE AB Cable	Mtr.	189.00	156.00	29484.00
10	L.T Stay set (Complete)	Set	4	676.00	2704.00
11	L.T Stay Insulator	No.	4	39.00	156.00
12	L.T Stay Clamp(1.4 K.g/Pair)	Pair	4	143.00	572.00
13	7/12 SWG Stay Wire	Kg	28	97.50	2730.00
14	Danger Board	No	6	104.00	624.00
15	Anticlimbing Device(GI barbed wire 2 Kg per support)	Kg	12	104.00	1248.00
16	GI Nuts and Bolts	Kg	12	101.40	1216.80
17	Sundries (insulation tape, Connectors, Anticlimbing Device ,binding Tape etc.)	LS	1	500.00	500.00
					81592.70
	A.Sub Total Rs.				5,06,401.73
B	Stock,storage and insurance (@3% on A)				15192.05
C	TOTAL RS.				521593.78
D	T&P @ 2% of C				10431.88
E	Contingency @ 3% of C				15647.81
F	Transportation @ 7.5% of C				39119.53
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				42914.26
H	TOTAL RS.				629707.26
18	Cement Concreting for support with C.C. 1:3:6 by using 4 cm size HBG metal= 0.45Mtr.x 0.45Mtrx1.5 mtr= 0.3037 cum+Couping with C.C .1:3:6 using 12 mm size HBG metal= 0.3Mtrx 0.3Mtrx0.45 mtr= 0.0405 cum	Nos.	2	1460.00	2920.00
19	Cement Concreting of stay set C.C. 1:3:6 using 40 mm HBG metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3037 cum	Nos.	6	1270.00	7620.00
20	Cement Concrete for support with CC 1:3:6 by using 4 cm size HBG metal= 0.45Mtrx 0.45Mtrx1.5 mtr= 0.3037 cum	Nos.	6	1270.00	7620.00
21	Materials for masonry work for earth pit, charcoal, salt etc., including construction of earthing chamber(size 2x2)ft and RCC slab cover.	No	7	1600.00	11200.00
22	Plinth for S/S	No	1	21270.00	21270.00
23	Boundary wall with sand filling and metal spreading, Fixing of iron grill gate with locking arrangement etc. as per TPCODL specification.	Ls	1	46317.72	46317.72
				Total Rs.	96,947.72
	Total Rs.				7,26,654.98

	Total Estimated Cost				7,26,654.98
	Total Estimated Cost in Figures				7,26,655.00
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.)