

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 4-F TYPE QUARTERS AT DHARAKOTE POLICE STATION IN THE DISTRICT OF GANJAM.

BID REF NO.- 90/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 55 sq. mm AAAC -0.03 Km.				
1	Disc insulator 45 KN (T&C) Polymer	No.	3	1118.00	3354.00
2	11 KV HW fitting (T&C)45 KN	No	3	169.00	507.00
3	11KV Pin Insulator polymer	No.	3	260.00	780.00
4	100x50x6 mm GI channel for straight cross arm including tapping point	Kg	49.68	97.50	4843.80
5	55 sq. mm AAAC	Km	0.0927	39000.00	3615.30
6	GI Nuts and Bolts of assorted size	Kg	1	101.40	101.40
7	HT stay set complete	No.	1	1365.00	1365.00
8	7/10 SWG stay wire, Grade-2	Kg	10	97.50	975.00
9	11KV stay insulator	No.	1	65.00	65.00
10	HT stay clamp (1.9 Kg/Pair)	pair	1	162.50	162.50
11	Sundries (survey, cutting of tree branches, binding tape and other accessories)	LS	1	500.00	500.00
	TOTAL RS.				16269.00
	A.Sub Total Rs.				16,269.00
B	Stock, storage and insurance (@3% on A)				488.07
C	TOTAL RS.				16757.07
D	T&P @ 2% of C				335.14
E	Contingency @ 3% of C				502.71
F	Transportation @ 7.5% of C				1256.78
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				1675.71
H	TOTAL RS.				20527.41
12	Stay concreting in ratio 1:2:4(0.5x0.5x0.8)Mtr.=0.2 Cu. Mtr.	Nos.	1	1235.58	1235.58
	Sub Total Rs.				21762.99

PART-II	Installation of 25 KVA 11/0.4KV sub station - 1 No.				
1	11 Mtr. Long 160x152 GI WPB Pole (30.44 Kg/Mtr.)	No	2	37108.50	74217.00
2	Pressure Channel 100x50x6mm channel each 2.8 mtr long,2 Nos(9.2K.g/mtr)with Galvanisation	K.g	51.52	97.50	5023.20
3	AB switch mounting channel(100x50x6)mm,(9.2 Kg/mtr)with Galvanisation	K.g	51.52	97.50	5023.20
4	AB switch & HG fuse mounting channel(75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)with Galvanisation	K.g	76.2	97.50	7429.50
5	Transformer belting 50x50x6 mm ,angle 2.8 Mtr. Long 2 Nos.,(4.5 Kg/mtr.)with side angle total (7 mtr.)with Galvanisation	K.g	31.5	97.50	3071.25
6	GI angle for mounting LT Distribution Box 50X50X6 mm Angle,4.5 Kg/Mtr. .	K.g	13.5	97.50	1316.25
7	CantileverAngle for supporting HG Fuse 50x50x6mm. MS Angle ,1.5 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg.	13.5	97.50	1316.25
8	11KV AB switch(3 pole,400 Amp,50Hz)	Set	1	15405.00	15405.00
9	11KV HG fuse (3 pole,400 Amp)with PI	Set	1	14989.00	14989.00
10	9KV 10KA LA, Station class	No.	3	1300.00	3900.00
11	Disc insulator 45 KN (T&C) Polymer	No.	3	1118.00	3354.00
12	11 KV HW fitting (T&C)type	No	3	169.00	507.00
13	HT stay set complete	No.	2	1365.00	2730.00
14	11KV stay insulator	No.	2	65.00	130.00
15	7/10 SWG stay wire, Grade-2	Kg	20	97.50	1950.00
16	HT stay clamp (1.9 Kg/Pair)	pair	2	162.50	325.00
17	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	5	1365.00	6825.00
18	25x6 mm GI flat	Kg	50	97.50	4875.00
19	LT Distribution Box with MCCB, Aluminium Bus Bar for single bay with Kitkat fuse for 25 KVA S/S .	No	1	19409.00	19409.00
20	25 KVA 11/0.4 KV (AL) Transformer with BIS Energy Level-II	No	1	69940.00	69940.00
21	GI Nuts and Bolts of assorted size	Kg	25	101.40	2535.00
22	55 sq. mm AAA for Jumpering	Km	0.05	39000.00	1950.00
23	LT 3.5 core 50 sq. mm LT PVC cable (Un armoured)	Mtr.	15	263.90	3958.50
24	GI Base plate (500x500x10)mm for support,20 Kg each	No	2	1950.00	3900.00
25	Earthing support coil type GI	No	2	215.80	431.60
26	No.8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.524	97.50	51.09
27	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	4	104.00	416.00

28	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg			
			4.896	97.50	477.36
29	Danger Board	No.	2	104.00	208.00
30	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg			
			0.612	97.50	59.67
31	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1000.00
	TOTAL RS.				256722.87
A.Sub Total Rs.					256,722.87
B	Stock,storage and insurance (@3% on A)				7701.69
C	TOTAL RS.				264424.56
D	T&P @ 2% of C				5288.49
E	Contingency @ 3% of C				7932.74
F	Transportation @ 7.5% of C				19831.84
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				19018.37
H	TOTAL RS.				316496.00
32	Stay concreting in ratio 1:2:4(0.5x0.5x0.8)Mtr.	Nos.	2	1235.58	2471.16
33	Concreting of Poles in ratio 1:1:5:3(500x500x1800mm)-0.45 Cu mtr.	Nos.	2	2880.00	5760.00
34	Couping of poles in ratio 1:1:5:3(500x500x475)=0.11875 Cu. Mtr.	Nos.	2	720.00	1440.00
35	Materials for massonary work for eathpit,charcoal ,Salt etc. for earthing of guarding.	Nos.	5	1600.00	8000.00
36	Brick Boundary wall for S/S(as per SOUTHCO Specification)	No	1.00	150,000.00	150000.00
	Sub Total Rs.				484167.16
PART-III	Construction of LT 3ph 6 W line using 4x50+1x50+1x16 sqmm XLPE AB Cable=0.22 Km				
1	9 Mtr. Long 300 KG PSC Pole	Nos.	6	3,900.00	23,400.00
2	4x50+1x50+1x16 sqmm XLPE AB Cable	Km	0.23	198018.01	45742.16
3	Pole clamp for eye Hook for AB cable	pair	6	260.00	1560.00
4	Dead end clamp (Double clamp provision at cut point)	No	3	84.50	253.50
5	Eye hook for Dead end clamp	No	3	78.00	234.00
6	Suspension clamp with eye Hook	pair	5	442.00	2210.00
7	GI Nuts Bolts of assorted size	Kg	2	101.40	202.80
8	L.T Stay set (Complete)	Set	4	676.00	2704.00
9	L.T Stay Insulator	No.	4	39.00	156.00
10	L.T Stay Clamp(1.4 K.g/Pair)	Pair	4	143.00	572.00
11	7/12 SWG Stay Wire	Kg	20	97.50	1950.00
12	GI Base plate (500x500x10)mm for support,20 Kg each	No	6	1950.00	11700.00
13	Earthing support coil type GI	No	6	215.80	1294.80

14	No.8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	1.57	97.50	153.08
15	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	104.00	624.00
16	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	3.672	97.50	358.02
17	Danger Board	No.	6	104.00	624.00
18	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.84	97.50	179.40
19	Sundries	LS	1	500.00	500.00
	A.Sub Total Rs.				94,417.76
B	Stock,storage and insurance (@3% on A)				2832.53
C	TOTAL RS.				97250.29
D	T&P @ 2% of C				1945.01
E	Contingency @ 3% of C				2917.51
F	Transportation @ 7.5% of C				7293.77
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				12135.23
H	TOTAL RS.				121541.80
20	Stay concreting in ratio 1:2:4(0.5x0.5x0.8)Mtr.	Nos.	4	1235.58	4942.32
21	Concreting of Poles in ratio 1:1:5:3(500x500x1800mm)-0.45 Cu mtr.	Nos.	6	2880.00	17280.00
22	Couping of poles in ratio 1:1:5:3(500x500x475)=0.11875 Cu. Mtr.	Nos.	6	720.00	4320.00
	Sub Total Rs.			Total Rs.	148,084.12
	Total Estimated Cost				654,014.27
	Total Estimated Cost in Figures				654,014.00
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/-
Project Manager(Elect.)

Sd/-
D.M (Elect) I/C