

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 :- 06 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO SABARANG POLICE STATION IN THE DIST. OF BHADRAK.

BID REF NO :- 50/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. 2022-23	AMOUNT IN RS.
SCOPE [A]	Construction of 3 ph 3 wire 11 KV line using 55 sq. mm SC HT Cable-0.02 Km				
SCOPE [B]	Installation of 25 KVA 11/0.4KV (Star Rated) DP mounted sub station - 1 No				
SCOPE [C]	Construction of 3 ph 5 wire LT line using 3X50+1X35+1x16 sq. mm XLPE Cable-0.25 Km				
SCOPE [D]	Interposing Pole-03 Nos.				
1	9 mtr Long RS Joist Pole(30.6 Kg/Mtr.)	No.	7	17901.00	125,307.00
2	10 Mtr. Long 150x150 mm RS joist Pole(34.6 Kg/Mtr.)	No.	5	22490.00	112,450.00
3	11 K.V. V cross arm(10.2 Kg)	No.	3	810.00	2,430.00
4	GI Back clamp for V cross Arm,11 KV	No.	3	80.00	240.00
5	11 KV F clamp	No.	3	240.00	720.00
6	11 KV Pin Insulator polymer	No.	12	200.00	2,400.00
7	11 KV B&S Hardware (70KN)3 Bolted	set	12	350.00	4,200.00
8	Disc insulator(B&S)70 KN Polymer	No	12	1150.00	13,800.00
9	Pressure Channel 100X50X6mm.2.8mtr. Long 2Nos.(9.2kg/mtr.)x2 Nos.	Kg.	92	65	5,980.00
10	Transformer mounting channel 100x50x6mm 2.8 mtr long (9.2K.g per mtr)x 2 nos	Kg	52	65	3,380.00
11	Angle for mounting LT Distribution Box (50x50x6)mm 2.5 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	23	65	1,495.00
12	3Pole 11KV 200A AB switch	set	1	7350.00	7,350.00
13	3Pole 11KV 200A HG fuse	set	1	6120.00	6,120.00
14	Lightning arrester ,12 KV- 10KA	No.	3	3550.00	10,650.00

15	HT stay set complete	Set	4	1050.00	4,200.00
16	HT Stay Insulator	No.	4	50.00	200.00
17	HT stay Clamp	Pair	4	125.00	500.00
18	7/10 SWG Stay wire	Kg	40	75.00	3,000.00
19	55 sq. mm Insulated conductor	Km	0.11	75920.14	8,351.22
20	Earthing support coil type	No.	9	166.00	1,494.00
21	Anticlimbing device made of GI Barbed wire , clamping arrangement(2 Kg per support)	Kg	11	80.00	880.00
22	Red Oxide paint	Ltr	9	150.00	1,350.00
23	All. Paint	Ltr	10	200.00	2,000.00
24	Black Paint	Ltr	2	220.00	440.00
25	GI Nut bolt & washer	Kg	51	78.00	3,978.00
26	25 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	53800.00	53,800.00
27	LT distribution Box including kit-kat fuse with MCCB for 25 KVA Transformer	No.	1	14930.00	14,930.00
28	3.5 core 120 sq. mm PVC cable(Un-armoured)	Mtr	30	418.00	12,540.00
29	All. Cable socket 120 sq. mm	No	12	22.00	264.00
30	3.5 core 95 sq. mm LT PVC cable(Un-armoured)	Mtr.	15	333.00	4,995.00
31	3X50+1X35+1x16 sq. mm LT XLPE AB Cable	Km	0.25	140000.00	35,000.00
32	LT stay set complete	No.	4	520.00	2,080.00
33	7/12 SWG Stay wire	Kg	40	75.00	3,000.00
34	LT stay clamp	No	4	110.00	440.00
35	LT Stay Insulator	No.	4	30.00	120.00
36	Dead end clamp	No.	5	65.00	325.00
37	Suspension clamp with eye Hook	No.	2	340.00	680.00
38	Pole clamp for Eye Hook	Pair	7	200.00	1,400.00
39	Neutral connector	No	8	40.00	320.00
40	Piercing Connector	No	22	80.00	1,760.00
41	Sundries for survey, tree cutting , small size nut & bolt with washer, Allm. Binding tape, Danger Board etc.	Ls	1	3000.00	3,000.00
42	Sundries for survey, PVC tape , ampire tape, danger board ,small size nut & bolt preparation of drawing All. Socket etc.	Ls	1	2000.00	2,000.00
43	TOTAL MATERIAL COST				459,569.22
44	Escalation @6%for 2019-20				487,143.37
45	Escalation @6%for 2020-21				516,371.97
46	Escalation @6%for 2021-22				547,354.29
47	Escalation @6%for 2022-23				580,195.55
A	Escalation @6%for 2023-24				615,007.28
B	Stock, Storage & Insurance @ 3% of A				18,450.22
C	Sub Total (C=A+B)				633,457.50

D	Contingency @3% of C				19,003.72
E	T & P 2% of C				12,669.15
F	Transportation @ 7.5% of C				47,509.31
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				20,093.71
I	Erection Charges of other @ 10%				23,158.34
J	Sub Total				755,891.73
48	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.1485 cum(PCC 1:2:4)	No.	14	834.00	11,676.00
49	Material cost for Concreting of Joist Pole1.8 Mtrx0.5 Mtr.x0.5 Mtr=0.45 cum(PCC 1:2:4)	No.	14	2040.00	28,560.00
50	Sub -station Brick Boundary wall with 1 mtr. Gate & metal spreading	Ls	1	35000.00	35,000.00
K	Total Estimated Cost				831,127.73
L	Total Estimated Cost in Figures				831,128.00
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.)**