

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 4-F TYPE QUARTERS AT KUAKHIA POLICE STATION IN THE DISTRICT OF JAJPUR.

BID REF NO :- 103/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.	AMOUNT IN RS.
SCOPE [A]	Construction of 3 ph 3 wire 11 KV line using 55 sq. mm Insulated conductor-0.080 Km(1 No. cut Point)				
SCOPE [B]	Installation of 100 KVA 11/0.4KV (Star Rated) Plinth mounted sub station - 1 No				
SCOPE [C]	Construction of 3 ph 5 wire LT line using 3X50+1X35+1x16 sq. mm XLPE Cable-0.250 Km				
1	9 mtr Long 150X150 RS Joist pole(34.6 Kg/Mtr.)(SAIL/JINDAL/TATA MAKE)	No.	8	20241.00	161928.00
2	10 mtr Long 150X150 RS Joist pole(34.6 Kg/Mtr.)(SAIL/JINDAL/TATA MAKE)	No.	2	22490.00	44980.00
3	11 KV Pin Insulator polymer	No.	6	200.00	1200.00
4	11 KV T&C Hardware (45KN)	set	12	130.00	1560.00
5	Disc insulator(T&C)45 KN Polymer	No	12	860.00	10320.00
6	Pressure Channel 100X50X6mm.2.8mtr. Long 2Nos.(9.2kg/mtr.)x2 Nos.	Kg.	142	65	9230.00
7	Transformer mounting channel 100x50x6mm 2.8 mtr long (9.2K.g per mtr)x 2 nos	Kg	52	65	3380.00
8	A/B switch and H.G Fuse Mounting Channel 75x40x6mm. 2.8mtr. Long 4Nos. (6.8kg./mtr.)	Kg.	76	65.00	4940.00
9	Transformer belting Angle 50x50x6mm-2.8 mtr long 2 nos(4.5Kg per mtr)with side angle(Total 7 mtr)	Kg	32	65	2080.00

10	Angle for mounting LT Distribution Box (50x50x6)mm 2.5 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	23	65	1495.00
11	3Pole 11KV 400A AB switch	set	1	11850.00	11850.00
12	3Pole 11KV 400A HG fuse	set	1	11530.00	11530.00
13	Lightning arrester ,12 KV- 10KA	No.	3	3550.00	10650.00
14	HT stay set complete	Pair	5	1050.00	5250.00
15	HT Stay Insulator	No.	5	50.00	250.00
16	HT stay clamp	Pair	5	125.42	627.10
17	7/10 SWG Stay wire	Kg	50	75.42	3771.00
18	GI Pipe earthing 40 mm dia medium gauge 3 Mtrs. Long	No	5	1050.00	5250.00
19	No.6/8 GI wire(Dia 4.6 mm)	Kg	20	75.00	1500.00
20	25x5 mm GI flat for earthing	Kg	20	75.00	1500.00
21	55 sq. mm 11 KV Insulated conductor	Km	0.3	75920.14	22776.04
22	Earthing coil type	Ls	4	166.00	664.00
23	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	16	80.00	1280.00
24	Red Paint	Ltr	3	150.00	450.00
25	All. Paint	Ltr	4	200	800.00
26	Black Paint	Ltr	1.5	220	330.00
27	GI nut,bolt & washer	Kg	46	78.00	3588.00
28	100 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	117000.00	117000.00
29	LT distribution Box with MCCB,Aluminium Bus bar of 2-bay with kit-kat fuse for 100 KVA Transformer	No.	1	24419.00	24419.00
30	3x50+1x35+1x16mm ² AB cable	Km	0.275	140000.00	38500.00
31	Dead end clamp	No.	4	65.00	260.00
32	Suspension clamp with I hook	No.	4	340.00	1360.00
33	Pole clamp with I hook(ABC)	No.	8	200.00	1600.00
34	LT stay set	Set	2	520.00	1040.00
35	7/12 SWG GI stay wire	Kg	20	75.00	1500.00
36	LT stay insulator	No.	2	110.00	220.00
37	LT stay clamp	No.	2	75.00	150.00
38	185 sq. mm 3.5 core LT PVC cable	Mtr	15	635.00	9525.00
39	All. Cable socket of 185 sq. mm	No.	20	35.00	700.00
40	Earthing materials	Ls	5	1890.00	9450.00

41	Sundries for survey, tree cutting , small size nut & bolt with washer, Allm. Binding tape, Danger Board etc.	Ls	1.5	3000.00	4500.00
42	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	1	2000	2000.00
43	TOTAL MATERIAL COST				535403.14
44	Escalation @6%for 2019-20				567527.33
45	Escalation @6%for 2020-21				601578.97
46	Escalation @6%for 2021-22				637673.71
47	Escalation @6%for 2022-23				675934.13
A	Escalation @6%for 2023-24				716490.18
B	Stock, Storage & Insurance @ 3% of A				21494.71
C	Sub Total (C=A+B)				737984.88
D	Contingency @3% of C				22139.55
E	T & P 2% of C				14759.70
F	Transportation @ 7.5% of C				55348.87
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				22323.29
I	Erection Charges of other @ 10%				29151.91
J	Sub Total				881708.19
48	Dismantling charges(Detail as per estimate)Labour+Transportation				8063.00
49					889771.19
50	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No	7	965.00	6755.00
51	Material cost for Concreting of Joist Pole1.8 Mtrx0.5 Mtr.x0.5 Mtr=0.45 cum(PCC 1:3:6)	No	10	2210.00	22100.00
52	Substation Fencing with metal spreading	Ls	1	19000.00	19000.00
	Transformer Plinth	No	1	37800.00	37800.00
	Total Estimated Cost				975,426.19
	Total Estimated Cost in Figures				975,426.00
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.)