

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR - 22
[Electrical Division]
Ph: 0674-2541545, 2542921, Fax: 0674-2541543
E-mail :- pmelectricalophwc2021@gmail.com, Website: www.ophwc.nic.in

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 TURUMUNGA POLICE STATION IN THE DIST. OF KEONJHAR.

BID REF NO :- 62/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]	Shifting and Reconstruction of 11 KV Line & LT Line.				
SCOPE [B]	Installation of 100 KVA(BIS Energy Level-II) 11/0.4KV DP mounted sub station - 1 No				
1	116x100 mm 9 mtr Long GI Joist Pole (30.6 Kg/mtr.)	No.	7	20655.00	144585.00
2	1x35+1x25 sq. mm LT XLPE AB Cable	Km	0.13	42000.00	5460.00
3	3x50+1x35+1x16 sq. mm LT XLPE AB Cable	Km	0.44	140000.00	61600.00
4	11 KV Pin Insulator polymer	No.	6	200.00	1200.00
5	Alluminium binding wire	Kg	35	420.00	14700.00
6	Earthing support coil type	No.	7	166.00	1162.00
7	Anticlimbing device made of GI Barbed wire , clamping arrangement(2 Kg per support)	No	7	200.00	1400.00
8	100x50x6 mm MS Channel	Kg	30	65.00	1950.00
9	75x40x6 mm MS Channel	Kg	30	65.00	1950.00
10	50x50x6 mm MS Angle	Kg	30	65.00	1950.00
11	Red Oxide paint	Ltr	5	150.00	750.00
12	All. Paint	Ltr	5	200.00	1000.00
13	Black Paint	Ltr	5	220.00	1100.00
14	Pole clamp for Eye Hook	Pair	8	200.00	1600.00
15	LT stay set complete	No.	6	520.00	3120.00
16	7/12 SWG Stay wire	Kg	6	75.00	450.00
17	LT stay clamp	No	6	110.00	660.00
18	LT Stay Insulator	No.	6	30.00	180.00
19	Dead end clamp	No.	5	65.00	325.00
20	Suspension clamp	No.	5	340.00	1700.00
21	50x6 mm GI flat for neutral earthing	Kg	65	75.00	4875.00

22	25x5 mm GI flat for neutral earthing	Kg	75	75.00	5625.00
23	7/10 SWG Stay wire, 10 Kg/stay	Kg	100	75.00	7500.00
24	GI nut,bolt & washer	Kg	35	78.00	2730.00
25	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.1485 cum(PCC 1:2:4)	No.	6	965.00	5790.00
26	Material cost for Concreting of 9 Mtr. RS Joist Pole1.8 Mtrx0.5 Mtr.x0.5 Mtr=0.45 cum(PCC 1:2:4)	No.	7	2215.00	15505.00
27	Sundries for survey, tree cutting , small size nut & bolt with washer, Allm. Binding tape, Danger Board etc.	Ls	1.5	5000.00	7500.00
28	TOTAL MATERIAL COST				296367.00
29	Escalation @6%for 2019-20				314149.02
30	Escalation @6%for 2020-21				332997.96
31	Escalation @6%for 2021-22				352977.84
32	Escalation @6%for 2022-23				374156.51
A	Escalation @6%for 2023-24				396605.90
B	Stock, Storage & Insurance @ 3% of A				11898.18
C	Sub Total (C=A+B)				408504.08
D	Contingency @3% of C				12255.12
E	T & P 2% of C				8170.08
F	Transportation @ 7.5% of C				30637.81
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				9964.60
I	Erection Charges of other @ 10%				20921.21
J	Sub Total				490452.90
	Installation of 100 KVA 11/0.4 KV S/S.				
1	Pressure Channel 100X50X6mm.2.8mtr. Long 2Nos.(9.2kg/mtr.)x2 Nos.	Kg.	75	65	4875.00
2	Transformer mounting channel 100x50x6mm 2.8 mtr long (9.2K.g per mtr)x 2 nos	Kg	75	65	4875.00
3	A/B switch and H.G Fuse Mounting Channel 75x40x6mm. 2.8mtr. Long 4Nos. (6.8kg./mtr.)	Kg.	75	65	4875.00
4	Transformer belting Angle 50x50x6mm-2.8 mtr long 2 nos(4.5Kg per mtr)with side angle(Total 7 mtr)	Kg	75	65	4875.00
5	Angle for mounting LT Distribution Box (50x50x6)mm 2.5 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	75	65	4875.00
6	3Pole 11KV 400A AB switch	set	1	11850.00	11850.00
7	3Pole 11KV 400A HG fuse	set	1	11530.00	11530.00

8	Lightning arrester ,12 KV- 10KA	No.	3	3550.00	10650.00
9	HT stay set complete	Set	2	1050.00	2100.00
10	HT Stay Insulator	No.	2	50.00	100.00
11	HT stay Clamp	Pair	2	125.00	250.00
12	7/10 SWG Stay wire	Kg	20	75.00	1500.00
13	GI Pipe earthing 40 mm dia medium gauge 3 Mtrs. Long	No	5	1050.00	5250.00
14	No. 6 GI wire	Kg	20	75.00	1500.00
15	25x6 mm GI flat for neutral earthing	Kg	20	75.00	1500.00
16	100 sq. mm insulated conductor	Km	0.04	90000.00	3600.00
17	Red Oxide paint	Ltr	8	150.00	1200.00
18	All. Paint	Ltr	8	200.00	1600.00
19	Black Paint	Ltr	8	220.00	1760.00
20	MS Nut,Bolt and washers	Kg	55	78.00	4290.00
21	100 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	117000.00	117000.00
22	LT distribution Box including Aluminium busbar for 2 way with kit-kat fuse with MCCB for 100 KVA S/S	No.	1	24419.00	24419.00
23	3.5 core 185 sq. mm PVC cable(unarmoured)	Mtr	15	635.00	9525.00
24	All cable socket of 185 sq. mm	No	32	35.00	1120.00
25	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.1485 cum(PCC 1:2:4)	No.	2	965.00	1930.00
26	Plinth	Ls	2	35000.00	52500.00
27	Boundary wall	Ls	2	35000.00	70000.00
28	Earthing materials	No	5	1890.00	9450.00
29	Sundries for survey, pvc tape, ampere Tape, Danger Board,small size Nut & Bolt with washer ,Allm. Binding tape,Danger Board etc.	No.	1	3000.00	3000.00
30	TOTAL MATERIAL COST				371999.00
31	Escalation @6%for 2019-20				394318.94
32	Escalation @6%for 2020-21				417978.08
33	Escalation @6%for 2021-22				443056.76
34	Escalation @6%for 2022-23				469640.17
A	Escalation @6%for 2023-24				497818.58
B	Stock, Storage & Insurance @ 3% of A				14934.56
C	Sub Total (C=A+B)				512753.13
D	Contingency @3% of C				15382.59
E	T & P 2% of C				10255.06
F	Transportation @ 7.5% of C				38456.49
G	Erection Charges for PSC Pole @ 20%				0.00
H	Erection Charges of DTR and Joist Poles @ 5%				8063.48

I	Erection Charges of other @ 10%				35148.36
J	Sub Total				620059.12
	Transportation and Labour cost for dismantling of PSC Pole, LT Line and 25 kVA S/S	Ls	1	8168.33	8168.33
	Sub Total Rs.				11,18,680.34
	Cess @1%				11,186.80
	Total Estimated Cost				11,29,867.15
	Total Estimated Cost in Figures				11,29,867.00
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.)