

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 6-F TYPE QTRS. AT OUPADA FIRE STATION IN THE DIST. OF BALASORE.

BID REF NO :- 76/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. 2018-19	AMOUNT IN RS.
SCOPE [A]	Construction of 3 ph 3 wire 11 KV line - 0.12 Km. 11 KV LINE AB Switch-1 No. Road Cross guarding-1 Span				
SCOPE [B]	Upgradation of S/S from 25 KVA to 63 KVA (BIS energy Level-II) sub station -1 No.				
SCOPE [C]	Construction of 3 Ph 5W LT Line- 0.24Km				
SCOPE [D]	Dismantling of 25 KVA 11/0.4 KV S/S-1 No.				
1	9 mtr Long 300 Kg PSC Pole	No.	12	3000.00	36000.00
2	11 mtr Long 150x150 mm RS Joist Pole	No.	2	24739.00	49478.00
3	11 K.V. V cross arm	No.	5	810.00	4050.00
4	11 KV F clamp	No.	5	240.00	1200.00
5	Back clamp for V cross arm	No.	5	80.00	400.00
6	11 KV Pin Insulator polymer	No.	18	200.00	3600.00
7	11 KV T&C Hardware (45KN)	set	15	130.00	1950.00
8	Disc insulator(T&C)45 KN Polymer	No	15	860.00	12900.00
9	100X50X6mm MS Channel	Kg	160	65.00	10400.00
10	75x40x6mm MS Channel	Kg	120	65.00	7800.00
11	50x50x6 mm MS Angle	Kg	80	65.00	5200.00
12	18 mm GI HT stay	Set	4	1050.00	4200.00
13	7/10 SWG Stay wire	Kg	40	75.00	3000.00
14	HT Stay Insulator	No.	4	50.00	200.00
15	HT stay clamp	Pair	4	125.00	500.00
16	40 mm Pipe earthing device	No	5	1050.00	5250.00
17	No.6/8 GI wire(Dia 4.6 mm)	Kg	20	75.00	1500.00
18	Earthing Device material	No	14	166.00	2324.00
19	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	24	80.00	1920.00

20	GI nut,bolt & washer	Kg	50	78.00	3900.00
21	11 KV 100 sq. mm HT Cable	Km	0.38	90000.00	34200.00
22	55 sq. mm AAAC	Km	0.040	30000.00	1200.00
23	11 KV 3 pole 200 A AB switch	Set	2	11850.00	23700.00
24	11 KV 3 pole 200 A HG Fuse with PI	Set	1	11530.00	11530.00
25	Lightning arrestor ,12 KV- 10KA	No	3	3550.00	10650.00
26	LT distribution Box with MCCB,Aluminium Bus bar of singe-bay with kit-kat fuse for 25 KVA Transformer	No.	1	18122.00	18122.00
27	63 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	86500.00	86500.00
28	3.5 core 185 sq. mm LT PVC cable(unarmoured)	Mtr	15	635.00	9525.00
29	Pole clamp with I hook(ABC)	Pair	7	200.00	1400.00
30	Dead end clamp	No.	2	65.00	130.00
31	Suspension clamp with I hook	No.	5	340.00	1700.00
32	Piercing connector	No.	7	80.00	560.00
33	Neutral connector	No.	7	40.00	280.00
34	AB cable(3x50+1x35+1x16) sq. mm	Km	0.25	140000.00	35000.00
35	LT stay set	Set	3	520.00	1560.00
36	7/12 SWG GI stay wire	Kg	30	75.00	2250.00
37	LT stay insulator	No.	3	110.00	330.00
38	LT stay clamp	No.	3	30.00	90.00
39	All. Lug of different sizes	No	30	22.00	660.00
40	Red Paint	Ltr	4	150.00	600.00
41	All. Paint	Ltr	3	200.00	600.00
42	Black Paint	Ltr	0.5	220.00	110.00
43	Danger Board	Kg	14	150.00	2100.00
44	Guarding	Ls	1	12000.00	12000.00
45	Material for masonry work for earthpit, charcoal, salt etc. including construction of earth chamber(size 2"x2") and RCC slab Cover	Ls	5	1994.00	9970.00
46	Sundries for survey, tree cutting , insulated tape,mceal compound etc.	Ls	1	2000.00	2000.00
47	Sundries for survey, tree cutting , small size nut & bolt with washer, Allm. Binding tape, Danger Board etc.	Ls	1	3000.00	3000.00
48	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	1	2000.00	2000.00
49	TOTAL MATERIAL COST				427539.00
50	Escalation @6%for 2019-20				453191.34
51	Escalation @6%for 2020-21				480382.82
52	Escalation @6%for 2021-22				509205.79
53	Escalation @6%for 2022-23				539758.14
A	Escalation @6%for 2023-24				572143.63
B	Stock, Storage & Insurance @ 3% of A				17164.31

C	Sub Total (C=A+B)				589307.93
D	Contingency @3% of C				17679.24
E	T & P 2% of C				11786.16
F	Transportation @ 7.5% of C				44198.10
G	Erection Charges for PSC Pole @ 20%				9924.28
H	Erection Charges of DTR and Joist Poles @ 5%				9371.42
I	Erection Charges of other @ 10%				35225.82
J	Sub Total				717492.95
K	Transportation + Labour cost of Dismatled materials(as per Estimate)				9,501.36
L	Total Rs.				7,26,994.31
54	Material cost for Concreting of psc Pole1.8 Mtrx0.4 Mtr.x0.4 Mtr=0.34 cum(PCC 1:3:6)	No	12	2369.00	28428.00
55	Material cost for Concreting of Joist Pole2.46 Mtrx0.4 Mtr.x0.4 Mtr=0.34 cum(PCC 1:3:6)	No	2	2558.00	5116.00
56	Substation Fencing with metal spreading	No	1	35000.00	35000.00
57	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
	Total Rs.				75299.00
	Total Estimated Cost				8,02,293.31
	Total Estimated Cost in Figures				8,02,293.00
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.)**