

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 :- 02 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 6-F TYPE QTRS. AT JALESWAR FIRE STATION IN THE DIST. OF BALASORE.

BID REF NO :- 76/PM/ELECT/OPHWC/2023-24

NAME & ADDRESS OF THE FIRM	
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SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS. 2018-19	AMOUNT IN RS.
SCOPE [A]	Upgradation of S/S from 63 KVA to 100 KVA (BIS energy Level-II) sub station with renovation of S/S-1 No.				
SCOPE [B]	Construction of 3 Ph 5W LT Line-0.28Km				
1	9 mtr Long 116x100 mm RS Joist Pole	No.	5	13455.00	67275.00
2	11 KV T&C Hardware (45KN)	set	3	130.00	390.00
3	Disc insulator(T&C)45 KN Polymer	No	3	860.00	2580.00
4	18 mm GI HT stay	Set	2	1050.00	2100.00
5	7/10 SWG Stay wire	Kg	20	75.00	1500.00
6	HT Stay Insulator	No.	2	50.00	100.00
7	HT stay clamp	Pair	2	125.00	250.00
8	40 mm Pipe earthing device	No	5	1050.00	5250.00
9	50x6 mm GI flat	Kg	40	75.00	3000.00
10	GI nut,bolt & washer	Kg	46	78.00	3588.00
11	80 sq. mm AAAC	Km	0.040	43000.00	1720.00
12	11 KV 3 pole 400 A AB switch	Set	1	11850.00	11850.00
13	11 KV 3 pole 400 A HG Fuse with PI	Set	1	11530.00	11530.00
14	Lightning arrestor ,12 KV- 10KA	No	3	3550.00	10650.00
15	LT distribution Box with MCCB,Aluminium Bus bar of single-bay with kit-kat fuse for 100 KVA Transformer	No.	1	24419.00	24419.00
16	100 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	117000.00	117000.00
17	3.5 core 185 sq. mm LT PVC cable(unarmoured)	Mtr	15	635.00	9525.00
18	All. Cable lug of different sizes	No	30	22.00	660.00
19	Red Oxide Paint	Ltr	4	150.00	600.00

20	All. Paint	Ltr	3	200.00	600.00
21	Black Paint	Ltr	0.5	220.00	110.00
22	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
23	LT stay set complete	Set	4	520.00	2080.00
24	7/12 SWG GI stay wire	Kg	40	75.00	3000.00
25	LT stay insulator	No.	4	110.00	440.00
26	LT stay clamp	No.	4	30.00	120.00
27	Pole clamp with I hook(ABC)	Pair	7	200.00	1400.00
28	Dead end clamp	No.	8	65.00	520.00
29	Suspension clamp with I hook	No.	3	340.00	1020.00
30	Piercing connector	No.	6	80.00	480.00
31	Neutral connector	No.	6	40.00	240.00
32	Earthing Coil	No.	5	166.00	830.00
33	AB cable(3x50+1x35+1x16) sq. mm	Km	0.29	140000.00	40600.00
34	Sundries for survey, tree cutting , insulated tape,mceal compound etc.	Ls	1	2000.00	2000.00
35	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
36	TOTAL MATERIAL COST				339397.00
37	Escalation @6%for 2019-20				359760.82
38	Escalation @6%for 2020-21				381346.47
39	Escalation @6%for 2021-22				404227.26
40	Escalation @6%for 2022-23				428480.89
A	Escalation @6%for 2023-24				454189.75
B	Stock, Storage & Insurance @ 3% of A				13625.69
C	Sub Total (C=A+B)				467815.44
D	Contingency @3% of C				14034.46
E	T & P 2% of C				9356.31
F	Transportation @ 7.5% of C				35086.16
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				12699.98
I	Erection Charges of other @ 10%				21381.59
J	Sub Total				560373.94
K	Transportation + Labour cost of Dismatled materials(as per Estimate)				3,141.82
L	Total Rs.				563,515.76
55	Material cost for Concreting of Joist Pole2.46 Mtrx0.4 Mtr.x0.4 Mtr=0.34 cum(PCC 1:3:6)	No	5	2369.00	11845.00
56	Substation Fencing with metal spreading	No	1	35000.00	35000.00

56	Plinth for S/S	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	6	965.00	5790.00
	Total Rs.				87635.00
	Total Estimated Cost				651,150.76
	Total Estimated Cost in Figures				651,151.00
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.)**