

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 :- 3 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORKS FOR POWER SUPPLY TO WAREHOUSE AND ANCILLARY BUILDING AT SIMULIA IN THE DISTRICT OF BALASORE.

BID REF NO :- 101/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]	Shifting of 11 KV 3 Ph 3 W Line-0.4 Km. Construction of New 11 KV Line-0.4 Km				
SCOPE [B]	Shifting of 33 kv 3 ph 3W Line-0.25 Km. Construction of New 33 KV Line-0.42Km				
SCOPE [C]	Dismantling of 25 KVA & 16 KVA DTR-1 No.				
SCOPE [D]	Dismantling of 33 kV DP and AB switch-1 No.				
SCOPE [E]	Dismantling of 11 KV DP and AB Switch-1 No.				
SCOPE [F]	Construction of 100 kVA 11/0.4 KV S/S-1 No.				
SCOPE [G]	Construction of LT Line with 3x50+1x35+1x16 sq. mm AB Cable-0.5 Km				
1	9 mtr. Long 300 KG PSC Pole	No	13	3000.00	39000.00
2	150x150 mm 13 Mtr. Long RS joist Pole(34.6 Kg/Mtr.)	No.	30	29237.00	877110.00
3	11 K.V. V cross arm	No.	8	810.00	6480.00
4	11 KV F clamp	No.	8	240.00	1920.00
5	Back clamp for V cross arm	No.	8	80.00	640.00
6	33 K.V. GI V cross arm	No.	1	1410.00	1410.00
7	33 KV F clamp	No.	1	300.00	300.00
8	Back clamp for 33 KV V cross arm	No.	1	150.00	150.00
9	33 KV Pin Insulator polymer	No.	37	480.00	17760.00
10	33 KV B&S Hardware (90KN) 4 Bolt	set	147	500.00	73500.00
11	Disc insulator B&S 45 KN Polymer	No	147	1150.00	169050.00
12	33 KV AB switch(33 KV, 200 A, 3 pole, 50 Hz)	Set	1	15100.00	15100.00
13	HT Stay set complete	Set	13	1050.00	13650.00

14	7/10 SWG Stay wire	Kg	30	75.00	2250.00
15	HT Stay Insulator	No.	13	50.00	650.00
16	HT stay clamp	Pair	13	125.00	1625.00
17	100X50X6mm MS Channel	Kg	104	65.00	6760.00
18	75x40x6mm MS Channel	Kg	76	65.00	4940.00
19	50x50x5 mm MS Angle	Kg	55	65.00	3575.00
20	11 KV Pin Insulator polymer	No.	40	200.00	8000.00
21	11 KV T&C Hardware (45KN)	set	40	130.00	5200.00
22	Disc insulator(T&C)45 KN Polymer	No	40	860.00	34400.00
23	16 mm GI nut,bolt with washer	Kg	66	78.00	5148.00
24	11 KV 3 pole 200 A AB switch	Set	1	7350.00	7350.00
25	11 KV 3 pole 200 A HG Fuse with PI	Set	1	6120.00	6120.00
26	Lightning arrester ,12 KV- 10KA	No	3	3550.00	10650.00
27	3.5 core 50 sq. mm LT PVC cable(un-armoured)	Mtr	15.000	203.00	3045.00
28	GI pipe earthing device 40 mm dia medium gauge 3 mtrs. Long	No	10	1050.00	10500.00
29	No. 6/8 GI wire or GI flat	Kg	50	75.00	3750.00
30	Earthing materials	Ls	10	1890.00	18900.00
31	25x6 mm GI flat for neutral earthing	Kg	20	75.00	1500.00
32	11 KV 100 sq. mm HT cable	Km	2.64	90000.00	237600.00
33	All. Cable Lug. of different sizes	No	30	52.00	1560.00
34	100 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	117000.00	117000.00
35	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
36	LT Stay set complete	Set	8	520.00	4160.00
37	7/12 SWG GI stay wire	Kg	80	75.00	6000.00
38	LT stay insulator	No.	8	110.00	880.00
39	LT stay clamp	No.	8	30.00	240.00
40	AB cable(3x50+1x35+1x16) sq. mm	Km	0.525	140000.00	73500.00
41	Suspension clamp with I hook	No.	12	340.00	4080.00
42	Dead end clamp	No.	8	65.00	520.00
43	Aniclimbing device made of GI barbed wire, clamping arrangement etc.(2 Kg per support)	Kg	60	80.00	4800.00
44	Red Oxide paint	Ltr	4	150.00	600.00
45	All. Paint	Ltr	3	200.00	600.00
46	Black Paint	Ltr	0.5	220.00	110.00
47	Danger Board	No.	32	80.00	2560.00
48	Guarding	Ls	1	12000.00	12000.00
49	Sundries	LS	1	5000.00	5000.00
50	TOTAL MATERIAL COST				1846062.00
51	Escalation @6%for 2019-20				1956825.72
52	Escalation @6%for 2020-21				2074235.26
53	Escalation @6%for 2021-22				2198689.38
54	Escalation @6%for 2022-23				2330610.74
A	Escalation @6%for 2023-24				2470447.39
B	Stock, Storage & Insurance @ 3% of A				74113.42

C	Sub Total (C=A+B)				2544560.81
D	Contingency @3% of C				76336.82
E	T & P 2% of C				50891.22
F	Transportation @ 7.5% of C				190842.06
G	Erection Charges for PSC Pole @ 20%				10751.30
H	Erection Charges of DTR and Joist Poles @ 5%				68512.69
I	Erection Charges of other @ 10%				112055.06
J	Sub Total				3053949.96
K	Transportation + Labour cost of Dismatled materials(as per Estimate)				25,267.00
L	Total Rs.				3,079,216.96
55	Material cost for Concreting of Joist pole 2.13 Mtrx0.4 Mtr.x0.4 Mtr=0.34 cum(PCC 1:3:6)	No	30	3018.91	90567.30
56	Material cost for Concreting of PSC Pole 1.80 Mtr.x0.45 Mtr.x0.45 Mtr=0.36 cum(PCC 1:3:6)	No	13	2795.77	36345.01
57	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No	21	1138.70	20265.00
58	Barbed Fencing with Grill gate ,metal and Sand.	Ls	1	41300.00	41300.00
					188477.31
	Total Rs.				3,267,694.27
	Cess @1%				32,676.94
	Total Estimated Cost				3,300,371.21
	Total Estimated Cost in Figures				3,300,371.00
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.)**