

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.com /www.ophwc.nic.in

PRICE BID FOR THE WORK UNDER SL. NO :- 09 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 4-F+6-F TYPE QTRS. AT RESERVE OFFICE KEONJHAR IN THE DIST. OF KEONJHAR.

BID REF NO :- 30/PM/ELECT/OPHWC/2024-25

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 250 KVA (BIS energy Level-II) sub station -1 No.				
1	Pressure Channel 100x50x6mm MS channel each 2.8 mtr long 2 Nos. (9.2 K.g per mtr)	Kg	67	75.00	5025.00
2	AB switch & HG Fuse,Mounting MS Channel (75x40x6)-2.8mtr long 2 nos(4.5 k.g per mtr)	Kg	98	75.00	7350.00
3	Angle for mounting LT Distribution Box (50x50x6)mm 2.5 Mtr. Long 2 Nos.(4.5 Kg/Mtr.)	Kg	23	75.00	1725.00
4	11 KV 3 pole 400 A AB switch	Set	1	11850.00	11850.00
5	11 KV 3 pole 400 A HG Fuse with PI	Set	1	11530.00	11530.00
6	Lightning arrestor ,12 KV- 10 KA	No	3	3550.00	10650.00
7	HT Stay set complete	Set	3	1050.00	3150.00
8	7/10 SWG Stay wire	Kg	30	75.00	2250.00
9	HT Stay Insulator	No.	3	50.00	150.00
10	HT stay clamp	Pair	3	125.00	375.00
11	GI pipe earthing device 40 mm dia medium gauge 3 mtrs. Long	No	5	1050.00	5250.00
12	No. 6/8 GI wire(dia 4.6 mm)	Kg	10	75.00	750.00
13	50x6 mm GI flat for neutral earthing	Kg	50	75.00	3750.00
14	55 sq. mm insulated AAAC	Km	0.040	75816.00	3032.64
15	Red Oxide paint	Ltr	3	150.00	450.00
16	All. Paint	Ltr	4	200.00	800.00
17	Black Paint	Ltr	1	220.00	220.00
18	GI nut,bolt & washer	Kg	36	78.00	2808.00
19	250 KVA 11/0.4 KV Transformer(BIS Energy Level-II)	No.	1	268450.00	268450.00
20	LT distribution Box with MCCB,Aluminium Bus bar of 3 bay with kit-kat fuse for 250 KVA Transformer	No.	1	48000.00	48000.00

21	3.5 core 185 sq. mm LT PVC cable(unarmoured)	Mtr	15	635.00	9525.00
22	All. Cable socket	No	18	52.00	936.00
23	Earthing materials	No	5	1890.00	9450.00
24	Sundries for survey, PVC tape, ampire tape, Danger Board, small size nut & bolt,preparation of drawing cable socket etc..	LS	1	3000.00	3000.00
25	TOTAL MATERIAL COST				410476.64
26	Escalation @6%for 2019-20				435105.24
27	Escalation @6%for 2020-21				461211.55
28	Escalation @6%for 2021-22				488884.25
29	Escalation @6%for 2022-23				518217.30
30	Escalation @6%for 2023-24				549310.34
A	Escalation @6%for 2024-25				582268.96
B	Stock, Storage & Insurance @ 3% of A				17468.07
C	Sub Total (C=A+B)				599737.03
D	Contingency @3% of C				17992.11
E	T & P 2% of C				11994.74
F	Transportation @ 7.5% of C				44980.28
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				19611.00
I	Erection Charges of other @ 10%				20751.15
J	Sub Total				715066.31
K	Transportation + Labour cost of Dismatled materials(detail as per estimate)				12,781.63
L	Total Rs.				7,27,847.94
35	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No	3	965.00	2895.00
36	Plinth of Transformer	Ls	1	35000.00	35000.00
37	Boundary wall with Grill gate ,metal and Sand spreading.	Ls	1	35000.00	35000.00
					800742.94
II	LT LINE				
1	9 mtr Long 150x150 mm GI Joist Pole(23 Kg/Mtr.)	No.	15	15525.00	232875.00
2	AB cable(3x95+1x70+1x16) sq. mm	Km	286.74	559.32	160379.42
3	LT Stay set complete	Set	5	520.00	2600.00
4	7/12 SWG GI stay wire	Kg	50	75.00	3750.00
5	LT stay insulator	No.	5	110.00	550.00
6	LT stay clamp	No.	5	30.00	150.00
7	Service cable junction box polycarbonate	No.	15	984.24	14763.60
8	Pole clamp with I hook(ABC)	Pair	16	200.00	3200.00
9	Earthing each pole to earth	No	15	166.00	2490.00
10	Dead end clamp	No.	5	65.00	325.00
11	Suspension clamp with I hook	No.	12	340.00	4080.00
12	piercing connector	No	63	80.00	5040.00

13	Neutral connector	No	63	40.00	2520.00
14	GI nut,bolt of assorted size	Kg	8	78.00	624.00
15	Red Oxide paint	Ltr	3	150.00	450.00
16	All. Paint	Ltr	4	200.00	800.00
17	Black Paint	Ltr	2.5	220.00	550.00
18	Sundries for survey, tree cutting , insulated tape,mceal compound etc.	ls	0.6	2000.00	1200.00
19	Total Rs.				436347.02
20	Escalation @6%for 2019-20				462527.84
21	Escalation @6%for 2020-21				490279.51
22	Escalation @6%for 2021-22				519696.28
23	Escalation @6%for 2022-23				550878.06
24	Escalation @6%for 2023-24				583930.74
A	Escalation @6%for 2024-25				618966.58
B	Stock, Storage & Insurance @ 3% of A				18569.00
C	Sub Total (C=A+B)				637535.58
D	Contingency @3% of C				19126.07
E	T & P 2% of C				12750.71
F	Transportation @ 7.5% of C				47815.17
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				17012.00
I	Erection Charges of other @ 10%				29728.78
J	Sub Total				763968.31
25	Material cost for Concreting of Joist pole 2.13 Mtrx0.4 Mtr.x0.4 Mtr=0.34 cum(PCC 1:3:6)	No	15	1872.03	28080.45
26	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.1485 cum(PCC 1:2:4)@4320	No	5	965.00	4825.00
	Total Rs.				796873.76
	Sub Total Rs.				15,97,616.69
	Cess @1%				15,976.17
	Total Estimated Cost				16,13,592.86
	Total Estimated Cost in Figures				16,13,593.00
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.)**