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 :- 04 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO AMA BUS STAND AT SASAN UNDER BHANDARIPOKHARI BLOCK IN THE DISTRICT OF BHADRAK.

BID REF NO :- 07/PM/ELECT/OPHWC/2025-26

NAME & ADDRESS OF THE FIRM	

SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
SCOPE [A]	**Construction of 3 ph 3W 11 KV Line**				
1	11 KV Pin Insulator polymer	No.	2	200.00	400.00
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	2,580.00
4	11 KV 1 Core 100 sq. mm XLPE insulated AAA Conductor (Unarmoured)	Km	0.155	90000.00	13,905.00
5	100x50x6 mm GI Channel(each 2.8 Mtr. Long(9.2 Kg/Mtr.)2 Nos.	Kg	30	75.00	2,250.00
6	PG Clamp for 100 sq. mm Conductor	No	3	580.00	1,740.00
7	GI nut,bolt & washer	Kg	5	78.00	390.00
8	Sundries (Survey, Tree cutting, insulation Tape,small size nut bolt, clamp, Binding wire, sockets etc.	LS	1	3000.00	3,000.00
9	TOTAL MATERIAL COST				**24,655.00**
10	Escalation @6%for 2019-20				**26,134.30**
11	Escalation @6%for 2020-21				**27,702.36**
12	Escalation @6%for 2021-22				**29,364.50**
13	Escalation @6%for 2022-23				**31,126.37**
14	Escalation @6%for 2023-24				**32,993.95**
A	Escalation @6%for 2024-25				**34,973.59**
B	Stock, Storage & Insurance @ 3% of A				**1,049.21**
C	Sub Total (C=A+B)				**36,022.80**

D	Contingency @3% of C				**1,080.68**
E	T & P 2% of C				**720.46**
F	Transportation @ 7.5% of C				**2,701.71**
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				**3,602.28**
J	Sub Total				**44,127.93**
SCOPE [B]	**Construction of 250 KVA (BIS energy Level-II) sub station -1 No.**				
1	150x150 mm 11 Mtr. Long RS Joist Pole	No.	2	24739.00	49,478.00
2	11 KV Pin Insulator polymer	No.	3	200.00	600.00
3	11 KV T&C Hardware (45KN)	set	3	130.00	390.00
4	Disc insulator(T&C)45 KN Polymer	No	3	860.00	2,580.00
5	100x50x6 mm GI Channel(each 2.8 Mtr. Long(9.2 Kg/Mtr.)2 Nos.	Kg	103.04	75.00	7,728.00
6	75x40x6 GI Angle(each 2.8 Mtr. Long(6.8 Kg/Mtr.)with side angle	Kg	114.24	75.00	8,568.00
7	50x50x6 mm GI Angle(each 2.8 Mtr. Long(4.5 Kg/Mtr.)with side angle	Kg	50.4	75.00	3,780.00
8	HT Stay set complete	Set	2	1050.00	2,100.00
9	7/10 SWG Stay wire	Kg	20	75.00	1,500.00
10	HT Stay Insulator	No.	2	50.00	100.00
11	HT stay clamp	Pair	2	125.00	250.00
12	Fish Plate	No	4	75.00	300.00
13	55 Sq. mm Insulated Conductor	Km	0.018	75920.40	1,366.57
14	LT distribution Box with MCCB,Aluminium Bus bar of 3-bay with kit-kat fuse for 250 KVA Transformer	No.	1	48000.00	48,000.00
15	250 KVA 11/0.4 KV(AL) Transformer(BIS Energy Level-II)	No.	1	268450.00	268,450.00
16	11 KV 3 pole 200 A AB switch,50 Hz	Set	1	7350.00	7,350.00
17	11 KV 3 pole 200 A HG Fuse with PI	Set	1	6120.00	6,120.00
18	Lightning arrestor ,9 KV- 10 KA, station class	No	3	1000.00	3,000.00
19	PG Clamp for 100 sq. mm Conductor	No	3	580.00	1,740.00
20	GI pipe earthing device 40 mm dia medium gauge 3 mtrs. Long	No	5	1050.00	5,250.00

21	Earthing material	Ls	5	1890.00	9,450.00
22	25x6 mm GI flat for earthing	Kg	38	75.00	2,850.00
23	No.6/8 GI wire	Kg	8	75.00	600.00
24	GI nut,bolt & washer	Kg	20	**78.00**	1,560.00
25	Danger Plate	No	2	80.00	160.00
26	All cable lug of different size	No	12	52.00	624.00
27	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	4	80.00	320.00
28	Sundries	LS	1	2000.00	2,000.00
29	TOTAL MATERIAL COST				**436,214.57**
30	Escalation @6%for 2019-20				**462,387.44**
31	Escalation @6%for 2020-21				**490,130.69**
32	Escalation @6%for 2021-22				**519,538.53**
33	Escalation @6%for 2022-23				**550,710.84**
34	Escalation @6%for 2023-24				**583,753.49**
A	Escalation @6%for 2024-25				**618,778.70**
B	Stock, Storage & Insurance @ 3% of A				**18,563.36**
C	Sub Total (C=A+B)				**637,342.06**
D	Contingency @3% of C				**19,120.26**
E	T & P 2% of C				**12,746.84**
F	Transportation @ 7.5% of C				**47,800.65**
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				**23,225.83**
I	Erection Charges of other @ 10%				**17,282.55**
J	Sub Total				**757,518.20**
35	Material cost for Concreting of RS Joist pole 2.13 Mtrx0.4 Mtr.x0.4 Mtr=0.34 cum(PCC 1:3:6)@6500	No	2	2215.20	**4,430.40**
36	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.150 cum(PCC 1:3:6)	No	2	965.00	**1,930.00**
37	Boundary wall ,sand filling and metal spreading,Fixing of 1 Mtr. Iron Grill gate etc.	No	1	70000.00	**70,000.00**
38	Plinth of 500 KVA S/S	No	1	35000.00	**35,000.00**
					868,878.60
SCOPE [C]	**LT LINE**				
1	9 mtr Long 116x100 mm RS Joist Pole	No.	10	19086.17	190,861.70
2	LT XLPE AB cable(3x50+1x35+1x16) sq. mm	Km	0.25	140000.00	35,000.00
3	Dead end clamp	No.	4	65.00	260.00

4	Suspension clamp with I hook	No.	10	340.00	3,400.00
5	Pole clamp with I hook(ABC)	Pair	10	200.00	2,000.00
6	Insulated piercing connector.Type-A-main 16 to 95 sq.mm & Tap-16 to 95 sq.mm	No	6	80.00	480.00
7	Neutral connector.Type-B-main 35 to 70 sq.mm & Tap-2.5 to 10 sq.mm service cable over by black weather resistant insulation cover	No	6	33.00	198.00
8	LT Stay set complete	Set	2	520.00	1,040.00
9	7/12 SWG GI stay wire	Kg	16	75.00	1,200.00
10	LT stay insulator	No.	2	30.00	60.00
11	LT stay clamp	No.	2	110.00	220.00
12	GI nut,bolt of assorted size	Kg	12	78.00	936.00
13	Earthing support coil type	No.	10	166.00	1,660.00
14	Sundries for survey, tree cutting , insulated tape,mceal compound etc.	Ls	1	3000.00	3,000.00
15	**Total Rs.**				**240,315.70**
16	Escalation @6%for 2019-20				**254,734.64**
17	Escalation @6%for 2020-21				**270,018.72**
18	Escalation @6%for 2021-22				**286,219.84**
19	Escalation @6%for 2022-23				**303,393.03**
20	Escalation @6%for 2023-24				**321,596.62**
21	Escalation @6%for 2024-25				**340,892.41**
A	Total Rs.				**340,892.41**
B	Stock, Storage & Insurance @ 3% of A				**10,226.77**
C	Sub Total (C=A+B)				**351,119.19**
D	Contingency @3% of C				**10,533.58**
E	T & P 2% of C				**7,022.38**
F	Transportation @ 7.5% of C				**26,333.94**
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				**13,943.16**
I	Erection Charges of other @ 10%				**7,225.60**
J	Sub Total				**416,177.84**
22	Material cost for Concreting of 9 Mtr. RS Joist Pole 1.8 Mtrx0.4 Mtr.x0.4 Mtr=0.29 cum(PCC 1:3:6)@6500	No	10	1872.00	18,720.00
23	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.1485 cum(PCC 1:3:6)@6500	No	2	965.00	1,930.00
	Total Rs.				**436,827.84**
	Sub Total Rs.				**1,349,834.37**

	Cess @1%				**13,498.34**
	Total Estimated Cost				**1,363,332.71**
	Total Estimated Cost in Figures				**1,363,333.00**
EXCESS	☐ LESS ☐ (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)

Sd/-
Project Manager(Elect.)