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 :- 05 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 4-E+4-F+12-F TYPE STAFF QUARTERS AT RESERVE OFFICE /DISTRICT HDQRS, BHADRAK IN THE DISTRICT OF BHADRAK.

BID REF NO :- 46/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 T&C Hardware (45KN)	set	9	130.00	1,170.00
2	Disc insulator(T&C)45 KN Polymer	No	9	860.00	7,740.00
3	11 KV 1 Core 100 sq. mm XLPE insulated AAA Conductor (Unarmoured)	Km	0.216	90000.00	19,467.00
4	100x50x6 mm GI Channel(each 2.8 Mtr. Long(9.2 Kg/Mtr.)2 Nos.	Kg	90	75.00	6,750.00
5	PG Clamp for 100 sq. mm Conductor	No	9	580.00	5,220.00
6	GI nut,bolt & washer	Kg	15	78.00	1,170.00
7	Sundries (Survey, Tree cutting, insulation Tape,small size nut bolt, clamp, Binding wire, sockets etc.	LS	1	3000.00	3,000.00
8	TOTAL MATERIAL COST				**44,517.00**
9	Escalation @6%for 2019-20				**47,188.02**
10	Escalation @6%for 2020-21				**50,019.30**
11	Escalation @6%for 2021-22				**53,020.46**
12	Escalation @6%for 2022-23				**56,201.69**
13	Escalation @6%for 2023-24				**59,573.79**
A	Escalation @6%for 2024-25				**63,148.22**
B	Stock, Storage & Insurance @ 3% of A				**1,894.45**
C	Sub Total (C=A+B)				**65,042.66**

D	Contingency @3% of C				**1,951.28**
E	T & P 2% of C				**1,300.85**
F	Transportation @ 7.5% of C				**4,878.20**
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				**6,504.27**
J	Sub Total				**79,677.26**
K	Labour charges +transportation charges				**10,439.00**
L	Total Rs.				**90,116.26**
M	Salvage value of Dismantled material				**509.04**
N	Total Rs. After deduction of salvage value				**89,607.22**
SCOPE [B]	**Construction of 250 KVA (BIS energy Level-II) sub station -1 No.**				
1	11 KV Pin Insulator polymer	No.	3	200.00	600.00
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	100x50x6 mm GI Channel(each 2.8 Mtr. Long(9.2 Kg/Mtr.)2 Nos.	Kg	107.072	75.00	8,030.40
5	75x40x6 GI Angle(each 2.8 Mtr. Long(6.8 Kg/Mtr.)with side angle	Kg	92.368	75.00	6,927.60
6	50x50x6 mm GI Angle(each 2.8 Mtr. Long(4.5 Kg/Mtr.)with side angle	Kg	31.5	75.00	2,362.50
7	11 KV 1 Core 100 sq. mm XLPE insulated AAA Conductor (Unarmoured)	Km	0.015	90000.00	1,350.00
8	LT distribution Box with MCCB,Aluminium Bus bar of 3-bay with kit-kat fuse for 250 KVA Transformer	No.	2	48000.00	96,000.00
9	250 KVA 11/0.4 KV(AL) Transformer(BIS Energy Level-II)	No.	1	268450.00	2,68,450.00
10	11 KV 3 pole 200 A AB switch,50 Hz	Set	1	7350.00	7,350.00
11	11 KV 3 pole 200 A HG Fuse with PI	Set	1	6120.00	6,120.00
12	Lightning arrestor ,9 KV- 10 KA, station class	No	3	1000.00	3,000.00
13	PG Clamp for 100 sq. mm Conductor	No	3	580.00	1,740.00

14	GI pipe earthing device 40 mm dia medium gauge 3 mtrs. Long	No	5	1050.00	5,250.00
15	Earthing material	Ls	5	1890.00	9,450.00
16	25x6 mm GI flat for earthing	Kg	38	75.00	2,850.00
17	No.6/8 GI wire	Kg	8	75.00	600.00
18	GI nut,bolt & washer	Kg	10	**78.00**	780.00
19	3.5 core 300 sq. mm LT PVC cable(Un armoured)	Mtr.	30	**994.00**	29,820.00
20	Danger Plate	No	2	80.00	160.00
21	All cable lug of different size	No	24	52.00	1,248.00
22	Aniclimbing device made of GI barbed wire ,clamping arrangement etc.(2 Kg per support)	Kg	4	80.00	320.00
23	Sundries	LS	1	2000.00	2,000.00
24	TOTAL MATERIAL COST				**4,57,378.50**
25	Escalation @6%for 2019-20				**4,84,821.21**
26	Escalation @6%for 2020-21				**5,13,910.48**
27	Escalation @6%for 2021-22				**5,44,745.11**
28	Escalation @6%for 2022-23				**5,77,429.82**
29	Escalation @6%for 2023-24				**6,12,075.61**
A	Escalation @6%for 2024-25				**6,48,800.14**
B	Stock, Storage & Insurance @ 3% of A				**19,464.00**
C	Sub Total (C=A+B)				**6,68,264.15**
D	Contingency @3% of C				**20,047.92**
E	T & P 2% of C				**13,365.28**
F	Transportation @ 7.5% of C				**50,119.81**
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				**19,611.28**
I	Erection Charges of other @ 10%				**27,603.86**
J	Sub Total				**7,99,012.31**
30	Boundary wall ,sand filling and metal spreading,Fixing of 1 Mtr. Iron Grill gate etc.	No	1	70000.00	**70,000.00**
31	Plinth of 500 KVA S/S	No	1	35000.00	**35,000.00**
					9,04,012.31
SCOPE [C]	**LT LINE**				
1	9 mtr Long 150x150 mm RS Joist Pole	No.	12	17901.00	2,14,812.00
2	LT XLPE AB cable(3x95+1x70+1x16) sq. mm	Km	0.721	243000.00	1,75,203.00
3	Dead end clamp	No.	10	65.00	650.00
4	Suspension clamp with I hook	No.	12	340.00	4,080.00
5	Pole clamp with I hook(ABC)	Pair	18	200.00	3,600.00

6	Insulated piercing connector.Type-A-main 16 to 95 sq.mm & Tap-16 to 95 sq.mm	No	15	80.00	1,200.00
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	5	33.00	165.00
8	LT Stay set complete	Set	7	520.00	3,640.00
9	7/12 SWG GI stay wire	Kg	70	75.00	5,250.00
10	LT stay insulator	No.	7	30.00	210.00
11	LT stay clamp	No.	7	110.00	770.00
12	GI nut,bolt of assorted size	Kg	21.6	78.00	1,684.80
13	Earthing support coil type	No.	12	166.00	1,992.00
14	Sundries for survey, tree cutting , insulated tape,mceal compound etc.	Ls	1	3000.00	3,000.00
15	**Total Rs.**				**4,16,256.80**
16	Escalation @6%for 2019-20				**4,41,232.21**
17	Escalation @6%for 2020-21				**4,67,706.14**
18	Escalation @6%for 2021-22				**4,95,768.51**
19	Escalation @6%for 2022-23				**5,25,514.62**
20	Escalation @6%for 2023-24				**5,57,045.50**
21	Escalation @6%for 2024-25				**5,90,468.23**
A	Total Rs.				**5,90,468.23**
B	Stock, Storage & Insurance @ 3% of A				**17,714.05**
C	Sub Total (C=A+B)				**6,08,182.27**
D	Contingency @3% of C				**18,245.47**
E	T & P 2% of C				**12,163.65**
F	Transportation @ 7.5% of C				**45,613.67**
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				**15,692.82**
I	Erection Charges of other @ 10%				**29,432.59**
J	Sub Total				**7,29,330.47**
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	12	1872.00	22,464.00
23	Material cost for Concreting of stay 1.65 Mtrx0.3 Mtr.x0.3 Mtr=0.1485 cum(PCC 1:3:6)@6500	No	7	965.00	6,755.00
	Total Rs.				**7,58,549.47**
	Sub Total Rs.				**17,52,168.99**
	Cess @1%				**17,521.69**
	Total Estimated Cost				**17,69,690.68**

	Total Estimated Cost in Figures				**17,69,691.00**
EXCESS	☐ LESS ☐ (Please Tick)	In Figure ______________ % In word ______________________________________%			
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/-
Dy. Manager (Elect)

Sd/-
Project Manager(Elect)