

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 18-F+12-E TYPE QUARTERS AT RESERVE OFFICE, SUBARNAPUR IN THE DISTRICT OF SUBARNAPUR.

BID REF NO :-24/PM/ELECT/OPHWC/2025-26

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.	AMOUNT IN RS.
I	INSTALLATION OF 250 KVA S/S.				
1	10 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No.	2	30586.4	61172.8
2	250 KVA , 11/0.4 KV (CU) Transformer BIS Energy Level-II	No	1	599665.85	599,665.85
3	MS Channel 100x50x6 mm	Kg	103	88.40	9,105.20
4	MS Channel 75x40x6 mm	Kg	184	88.40	16,265.60
5	MS Angle 50X50X6 mm	Kg	57	88.40	5,038.80
6	11 KV Disc insulator polymer type 70 KN	No	6	1564.00	9,384.00
7	11 KV H/W fitting polymer type	Pair	3	476.00	1,428.00
8	PG Clamp for 100 sq. mm AAAC	No.	3	788.80	2,366.40
9	GI Flat 50x6 mm	Kg	43	102.00	4,386.00
10	GI Flat 25x6 mm	Kg	11	102.00	1,122.00
11	11 KV AB Switch(400 Amp, 3 pole)	Set	1	16116.00	16,116.00
12	11 KV DD Fuse 3 Pole	No	1	6396.58	6,396.58
13	11 KV DD Fuse Link Unit(10 A)	No	3	150.96	452.88
14	11 KV Lightning Arrester(12 KV,10 KA)	EA	3	1332.80	3,998.40
15	Conductor ACSR PVC(61.7 Sq. mm)	Mtr.	20	80.68	1613.60
16	HT Stay set complete	Set	4	1428.00	5712.00
17	7/10 SWG Stay wire	Kg	50	102.00	5100.00
18	HT Stay Insulator	No.	4	68.00	272.00
19	HT stay clamp	Pair	4	170.00	680.00
20	40 mm Nominal bore GI pipe(Medium Gauge)	No	5	1428.00	7140.00
21	Earthing support coil type	No	1	225.76	225.76
22	GI Pipe (100 mm)	Mtr.	3	680.00	2040.00
23	1.1 KV 4 core 95 sq. mm XLPE Cable	Mtr.	23	501.74	11540.02
24	1 core 95 sq. mm XLPE Cable(Armoured)	Mtr.	32	199.92	6397.44
25	LT Distribution Box with MCCB,Aluminium Bus bar.	No	1	65280.00	65280.00

26	Al. cable socket 70 sq. mm	No	80	20.40	1632.00
27	Al. cable socket 95 sq. mm	No	16	27.20	435.20
28	GI Nuts, Bolts & washers	Kg	25	106.08	2652.00
29	Material for Masonary work for earth pit	No	5	544.00	2720.00
30	Charcoal, salt etc. for earthing	Kg	10	612.00	6120.00
31	GI barbed wire for Anticlimbing	Kg	6	108.80	652.80
32	Danger Plate	No	3	108.80	326.40
A	A. Sub total				857,437.73
B	B. Stock, Storage & Insurance @ 3% of A				25,723.13
C	Sub Total (C=A+B)				883,160.86
D	T&P @ 2% of C				17,663.22
E	Contingency @ 3% of C				26,494.83
F	Transportation @ 7.5% of C				66,237.06
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				34033.19
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				20249.71
J	Total				1,047,838.87
33	Fabrication & Galvanisation	Kg	344	13.00	4,472.00
34	Concrete material for stay anchor plate	No	4	1653.00	6612.00
35	Padding and Concreting materials for support	No	3	2837.97	8513.91
36	Plinth for 250 KVA transformer	No	1	22034.00	22034.00
37	Cost of Fencing ,metal spreading with MS grill gate.	No	1	104661.02	104661.02
	Total Rs.				1,194,131.80
II	CONSTRUCTION OF 11 KV LINE .				
A	11 KV LINE AAAC TAPPING ON RS JOIST POLE				
1	10 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	1	30586.40	30586.4
2	75x40x6 mm channel for straight cross Arm	Kg	32.64	88.40	2885.376
3	11 KV V cross Arm	No	1	1101.60	1,101.60
4	Back Clamp for V cross Arm	No	1	108.80	108.80
5	11 KV F clamp	No	1	326.40	326.40
6	11 KV Disc insulator polymer type 70 KN	No	6	1564.00	9,384.00
7	11 KV H/W fitting polymer type	Pair	3	476.00	1,428.00
8	PG Clamp for 100 sq. mm AAAC	No.	3	652.80	1,958.40
9	11 KV Pin Insulator Polymer,11 KV 200 mm FRP Dia.	No	5	272.00	1,360.00
10	HT Stay Set (Complete)	Set	2	1428.00	2,856.00
11	HT Stay Insulator	No.	2	68.00	136.00
12	HT Stay Clamp(150x150 mm RS Joist)	Pair	2	170.00	340.00
13	7/10 SWG Stay Wire ,7/3.25 mm	KG	20	102.00	2,040.00
14	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	5	102.00	510.00
15	Earthing support coil type	No	1	225.76	225.76

A	A. Sub total				55,246.74
B	B. Stock, Storage & Insurance @ 3% of A				1,657.40
C	Sub Total (C=A+B)				56,904.14
D	T&P @ 2% of C				1,140.56
E	Contingency @ 3% of C				1,707.12
F	Transportation @ 7.5% of C				4,267.81
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				1575.2
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				2540.02
J	Total				68,134.85
16	Concrete material for stay anchor plate	No	2	1653.00	3306.00
17	Padding and Concreting materials for support	No	1	2837.97	2837.97
	Total Rs.				74,278.82
B	11 KV LINE WITH 55 SQ. MM AAAC				
1	55 sq. mm insulated Covered AAA Conductor	Mtr.	92.7	152.00	14,090.40
2	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	1.29	106.08	136.8432
3	GI barbed wire for Anticlimbing	Kg	1.2	108.80	130.56
4	Danger Plate	No	1	108.80	108.80
A	A. Sub total				14,466.60
B	B. Stock, Storage & Insurance @ 3% of A				434.00
C	Sub Total (C=A+B)				14,900.60
D	T&P @ 2% of C				298.01
E	Contingency @ 3% of C				447.02
F	Transportation @ 7.5% of C				1,117.55
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				1,490.06
J	Total				18,253.24
III	LT Line				
1	9 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	9	24345.36	219108.24
2	3C×95 mm ² (P)+1C×70 mm ² (M)+1CX16 mm ² (Street Light) (LT AB Cable)	Mtr	286.2	330.48	94583.38
3	Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	Pair	10	272.00	2720.00
4	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No	2	88.40	176.80
5	Suspension Clamp with EYE hook for ABC	No	8	462.40	3699.20
6	Neutral connector	No	5	44.88	224.40
7	7/12 SWG GI stay wire, Grade -2	Kg	12.96	102.00	1321.92
8	LT stay Clamp (1.40Kg/pair)	Pair	2	149.60	299.20
9	LT Stay insulator	No	2	40.80	81.60

10	Coil Earthing	No	9	225.76	2031.84
11	No-8 GI wire (Dia 4.6mm) 0.131 KG/ Mtr.- 2 Mtr. For connecting pole with Coil earthing	Kg	4.59	108.8	499.39
12	GI Nut , Bolt & Washer of different sizes (0.5 Kg/ Pole)	Kg	4.05	106.08	429.62
13	Insulated piercing connector.Type-A-main 50 to 150 sq.mm & Tap-50 to 150 sq.mm	No	5	108.80	544.00
14	LT Stay set complete	Set	2	707.20	1414.40
A	A. Sub total				327,133.99
B	B. Stock, Storage & Insurance @ 3% of A				9,814.02
C	Sub Total (C=A+B)				336,948.01
D	T&P @ 2% of C				6,738.96
E	Contingency @ 3% of C				10,108.44
F	Transportation @ 7.5% of C				25,271.10
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				11284.07
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				11,126.65
J	Total				401,477.23
16	Concrete material for stay anchor plate	No	2	1653.00	3306.00
17	Padding and Concreting materials for support	No	9	2837.97	25541.73
	Total Rs.				430,324.96
	LT STAY SET				
1	LT Stay set complete	Set	4	707.20	2828.80
2	7/12 SWG GI stay wire, Grade -2	Kg	24	102.00	2448.00
3	LT stay Clamp (1.40Kg/pair)	Pair	4	149.60	598.40
4	LT Stay insulator	No	4	40.80	163.20
A	A. Sub total				6,038.40
B	B. Stock, Storage & Insurance @ 3% of A				181.15
C	Sub Total (C=A+B)				6,219.55
D	T&P @ 2% of C				124.39
E	Contingency @ 3% of C				186.59
F	Transportation @ 7.5% of C				466.47
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				621.96
J	Total				7,618.95
5	Concrete material for stay anchor plate	No	4	1653.00	6612.00
	Total Rs.				14230.95
	Sub Total Rs.				1,731,219.77

	Cess @1%				17,312.20
	Total Estimated Cost				1,748,531.97
	Total Estimated Cost in Figures				1,748,532.00
EXCESS ☐ LESS ☐ (Please Tick)		In Figure _____ % In word _____ %			
Quoted Amount in Figure					
Quoted Amount in word					

Signature of Tenderer with seal

Sd/-
Asst. Project Manager (Elect)

Sd/-
Dy. Manager (Elect)

Sd/-
Project Manager (Elect)