

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR - 22**

[Electrical Division]

Ph: 0674-2541545, 2542921, Fax: 0674-2541543

E-mail :- pmelectricalophwc2025@gmail.com, Website: www.ophwc.com/www.ophwc.nic.in

PRICE BID FOR THE WORK UNDER SL. NO :- 07 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO AUTOMATED TESTING STATION (ATS) AT JHARSUGUDA IN THE DISTRICT OF JHARSUGUDA.

BID REF NO :- 09/PM/ELECT/OPHWC/2025-26

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
1	11/04 KV 250 KVA Transformer(Star-1,BIS/EEL-2)as per amendment 4 of IS 1180	No	1	709431.39	709431.39
2	10 Mtr. Long Joist Pole(34.6 Kg/Mtr.)	No	2	31486.00	62972.00
3	9 Mtr. Long Joist Pole(34.6 Kg/Mtr.)	No	9	28337.40	255036.60
A	TOTAL MATERIAL COST IN RS				1027439.99
B	Stock,storage and insurance (@3% on A)				30823.20
C	TOTAL RS.				1058263.19
D	T&P @ 2% of C				21165.26
E	Contingency @ 3% of C				31747.90
F	Transportation @ 7.5% of C				79369.74
G	Erection charges of Joist Pole and Transformer @ 5% of				52913.16
H	Erection charges of PSc Pole@ 20%				
I	Erection charges for other materials@ 10%				
	Total Rs.Part-A				1243459.25
4	Accessories for 11/0.4 KV DP mounted 250 KVA S/S with double disc arrangement and 5 Nos. GI Flat earthing alongwith LT Distribution box with MCCB arrangement .(except cost of pole)	No	1	182405.23	182405.23
5	LT 3 Ph 5 W line with 95 sq. mm AB Cable using 9 Mtr. Long RS Joist Pole(Except cost of pole)	Km	0.250	383139.90	95784.98
A	TOTAL MATERIAL COST IN RS				278190.21
B	Stock,storage and insurance (@3% on A)				8345.71
C	TOTAL RS.				286535.91
D	T&P @ 2% of C				5730.72
E	Contingency @ 3% of C				8596.08
F	Transportation @ 7.5% of C				21490.19

G	Erection charges of Joist Pole and Transformer @ 5% of				
H	Erection charges of PSc Pole@ 20%				
I	Erection charges for other materials@ 10%				28653.59
	Total Rs.Part-B				351006.49
6	Boundary wall with metal spreading	No	1	104661.00	104661.00
7	Plinth for 250 KVA S/S	No	1	22033.90	22033.90
8	Padding and Concreting materials for support	No	2	2837.90	5675.80
9	Cubicle room	No	1	70800.00	70800.00
	Total Rs.Part-C				203170.70
	CONSTRUCTION OF 11 KV LINE .				
I	11 KV LINE USING 100 SQ. MM INSULATED COVERED CONDUCTOR				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	5	33645.04	168225.2
2	100 sq. mm insulated covered un armoured AAAC	Mtr.	772.5	224.92	173750.7
3	MS channel 100X50X6mm	Kg	23	88.40	2033.2
4	MS channel 75x40x6 mm	Kg	17	88.40	1502.8
5	Fish plate 50x6 mm	No	2	126.48	252.96
6	GI flat 50x6 mm	Kg	6	102.00	612
7	GI Flat 25x6 mm	Kg	4.5	102.00	459
8	11 KV 'V' cross arm(10.2 Kg each)	No.	5	1101.60	5508
9	GI Back clamp for 11 KV V Cross Arm	No.	5	108.80	544
10	Top F clamp for PSC Pole ,2.9 Kg	No.	5	326.40	1632
11	11 KV Disc insulator B&S polymer type 70 KN	No	3	1564.00	4,692.00
12	11 KV H/W fitting polymer type	Pair	3	476.00	1,428.00
13	PG clamp for 100 sq. mm AAAC	No	3	652.80	1,958.40
14	11 KV Pin Insulator Polymer	No	15	272.00	4,080.00
15	HT Stay Set (Complete)	Set	3	1428.00	4,284.00
16	HT Stay Insulator	No.	3	68.00	204.00
17	HT Stay Clamp(150x150 mm RS Joist)	Pair	3	170.00	510.00
18	7/10 SWG Stay Wire ,7/3.25 mm	KG	21	102.00	2,142.00
19	7/8 SWG Stay Wire , for earthing	KG	10.75	102.00	1,096.50
20	Earthing support coil type	No	5	225.76	1,128.80
21	GI Pipe for earthing 40mm dia 3mtr long	EA	1	1428.00	1,428.00
22	HDPE Pipe	No	3	54.40	163.20
23	Aluminium socket 70 sq. mm	No	2	20.40	40.8
24	Material for masonry work for earth pit	No	1	544.00	544
25	Charcoal, salt etc	Kg	2	612.00	1224
26	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	10.75	106.08	1140.36
27	GI barbed wire/Anticlimbing device	Kg	11	108.80	1,196.80
28	Danger plate	No	6	108.80	652.80
A	A. Sub total				382,433.52
B	B. Stock, Storage & Insurance @ 3% of A				11,473.01
C	Sub Total (C=A+B)				393,906.53
D	T&P @ 2% of C				7,878.13
E	Contingency @ 3% of C				11,817.20
F	Transportation @ 7.5% of C				29,542.99

G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				8663.6
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				22063.46
J	Total				473,871.90
29	Fabrication and Galvanisation	Kg	16.32	13.00	212.16
30	Concrete material for stay anchor plate	Nos.	3	1,653.00	4,959.00
31	Padding and Concreting materials for support	Nos.	5	2,837.90	14,189.50
	Total Rs.				493,232.56
II	11 KV LINE AAAC TAPPING ON RSJ POLE				
1	75X40X6 mm channel for straight cross arm	Kg	32.64	88.40	2885.376
2	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1101.60	1101.6
3	GI Back clamp for 11 KV V Cross Arm	No.	1	108.80	108.8
4	Top F clamp for PSC Pole ,2.9 Kg	No.	1	326.40	326.4
5	11 KV Disc insulator B&S polymer type 70 KN	No	3	1564.00	4,692.00
6	11 KV H/W fitting polymer type	Pair	3	476.00	1,428.00
7	PG clamp for 100 sq. mm AAAC	No	3	652.80	1,958.40
8	11 KV Pin Insulator Polymer	No	5	272.00	1,360.00
9	HT Stay Set (Complete)	Set	2	1428.00	2,856.00
10	HT Stay Insulator	No.	2	68.00	136.00
11	HT Stay Clamp(150x150 mm RS Joist)	Pair	2	170.00	340.00
12	7/10 SWG Stay Wire	KG	20	102.00	2,040.00
13	GI Nut , Bolt & Washer of different sizes	Kg	5	106.08	530.4
14	Earthing support coil type	No	1	225.76	225.76
A	A. Sub total				19,988.74
B	B. Stock, Storage & Insurance @ 3% of A				599.66
C	Sub Total (C=A+B)				20,588.40
D	T&P @ 2% of C				411.77
E	Contingency @ 3% of C				617.65
F	Transportation @ 7.5% of C				1,544.13
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				2,058.84
J	Total Rs.				25,220.79
III	11 KV SINGLE POLE CUT POINT				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	1	33645.04	33645.04
1	75X40X6 mm channel for straight cross arm	Kg	32.64	88.40	2885.376
11	11 KV Disc insulator B&S polymer type 70 KN	No	6	1564.00	9,384.00
12	11 KV H/W fitting polymer type	Pair	6	476.00	2,856.00
14	11 KV Pin Insulator Polymer	No	3	272.00	816.00

15	HT Stay Set (Complete)	Set	4	1428.00	5,712.00
16	HT Stay Insulator	No.	4	68.00	272.00
17	HT Stay Clamp(150x150 mm RS Joist)	Pair	4	170.00	680.00
12	7/10 SWG Stay Wire	KG	40	102.00	4,080.00
13	GI Nut , Bolt & Washer of different sizes	Kg	5	106.08	530.4
14	Earthing support coil type	No	1	225.76	225.76
A	A. Sub total				61,086.58
B	B. Stock, Storage & Insurance @ 3% of A				1,832.60
C	Sub Total (C=A+B)				62,919.17
D	T&P @ 2% of C				1,258.38
E	Contingency @ 3% of C				1,887.58
F	Transportation @ 7.5% of C				4,718.94
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				1732.7
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				2,826.48
J	Total				75,343.25
30	Concrete material for stay anchor plate	Nos.	4	1,653.00	6,612.00
31	Padding and Concreting materials for support	Nos.	1	2,837.90	2,837.90
	Total Rs.				84,793.15
IV	11 KV METERING UNIT				
1	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No.	2	33645.04	67290.08
2	MS Channel 100x50x6 mm	Kg	162.52	88.40	14,366.77
3	MS channel 75x40x6 mm	Kg	49.98	88.40	4,418.23
4	MS angle 50x50x6 mm	Kg	54	88.40	4,773.60
5	11 KV Disc insulator polymer type 70 KN(B&S)	No	6	1564.00	9,384.00
6	11 KV H/W fitting polymer type	Pair	6	476.00	2,856.00
7	GI Flat 25x6 mm	Kg	50	102.00	5,100.00
8	HT Stay Set (Complete)	Set	4	1428.00	5,712.00
9	HT Stay Insulator	No.	4	68.00	272.00
10	HT Stay Clamp(150x150 mm RS Joist)	Pair	4	170.00	680.00
11	7/10 SWG Stay Wire	KG	50	102.00	5,100.00
12	GI Pipe for earthing 40mm dia 3mtr long	EA	2	1428.00	2,856.00
13	Earthing of support Coil Type	No	2	225.76	451.52
14	GI Nut, Bolt & washers of different sizes	Kg	10	106.08	1,060.80
15	Materials for Masonary work for earth pit	No.	2	544.00	1,088.00
16	Charcoal, salt etc for earthing	Kg	10	612.00	6,120.00
17	GI barbed wire/Anticlimbing device	No	6	108.80	652.80
18	Danger plate	No	2	108.80	217.60
19	10 core 2.5 sq. mm control cable for MU	Mtr.	20	350.88	7,017.60
A	A. Sub total				139,417.00
B	B. Stock, Storage & Insurance @ 3% of A				4,182.51
C	Sub Total (C=A+B)				143,599.51
D	T&P @ 2% of C				2,871.99
E	Contingency @ 3% of C				4,307.99
F	Transportation @ 7.5% of C				10,769.96

G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				3465.44
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				7429.07
J	Total				172,443.96
20	Fabrication and galvanisation	Kg	266.5	13.00	3,464.50
21	Concrete materials for stay anchor plate	M3	4	1,653.00	6,612.00
22	Padding and concreting material for Support	M3	2	2,837.90	5,675.80
	Total Rs.				188,196.26
	TOTAL RS.(PART-D)				791442.76
	Sub Total Rs.				2589079.20
	Cess @1%				25890.79
	Total Estimated Cost				2,614,969.99
	Total Estimated Cost in Figures				2,614,970.00
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)**