

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****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 36-F TYPE STAFF QUARTERS AT 4TH IR Bn., BAMPADA, DEOGARH.****BID REF NO :- 89/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.
I	CONSTRUCTION OF 11 KV LINE .				
A	11 KV LINE USING 100 SQ. MM INSULATED COVERED CONDUCTOR				
1	13 Mtr. Long 160x160 mm WPB Pole(30.44 Kg/Mtr.)	No	15	41030.00	615450.00
2	11 KV 1 core 100 sq. mm XLPE insulated Un-armoured AAAC	Mtr.	1699.5	127.80	217196.1
3	MS Channel 100x50x6 mm	Kg	50.6	92.30	4,670.38
4	MS channel 75x40x6 mm	Kg	37.4	92.30	3,452.02
5	Fish Plate 50x6 mm	Nos.	4	132.06	528.24
6	GI Flat 50x6 mm	Kg	13.2	106.50	1,405.80
7	GI Flat 25x6 mm	Kg	9.9	106.50	1,054.35
8	11 KV 'V' cross arm(10.2 Kg each)	No.	10	1150.20	11502.00
9	GI Back clamp for 11 KV V Cross Arm	No.	10	113.60	1136.00
10	Top F clamp for PSC Pole ,2.9 Kg	No.	10	340.80	3408.00
11	11 KV Disc insulator B&S polymer type 70 KN	No	7	1633.00	11,431.00
12	11 KV H/W fitting polymer type	Pair	7	497.00	3,479.00
13	PG clamp	No	7	681.60	4,771.20
14	11 KV Pin Insulator Polymer	No	33	284.00	9,372.00
15	HT Stay Set (Complete)	Set	7	1491.00	10,437.00
16	HT Stay Insulator	No.	7	71.00	497.00
17	HT Stay Clamp	Pair	7	177.50	1,242.50
18	7/10 SWG Stay Wire ,7/3.25 mm	KG	46.2	106.50	4,920.30
19	7/8 SWG GIWire for earthing	KG	23.65	106.50	2,518.73
20	Earthing support coil type	No	10	235.72	2,357.20
21	GI Pipe for earthing 40mm dia 3mtr long	EA	2	1491.00	2,982.00
22	Pipe HDPE	Mtr.	6.6	56.80	374.88
23	Al cable socket 70 sq. mm	Nos.	4	21.30	85.20
24	Materials for Masonary work for earth pit	No.	2	568.00	1,136.00
25	Charcoal, salt etc for earthing	Kg	4.4	639.00	2,811.60

26	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	23.65	110.76	2619.474
27	GI barbed wire/Anticlimbing device	Kg	24.2	113.60	2,749.12
28	Danger plate	No	12	113.60	1,363.20
A	A. Sub total				924,950.29
B	B. Stock, Storage & Insurance @ 3% of A				27,748.51
C	Sub Total (C=A+B)				952,698.80
D	T&P @ 2% of C				19,053.98
E	Contingency @ 3% of C				28,580.96
F	Transportation @ 7.5% of C				71,452.41
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				31695.68
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				31878.53
J	Total				1,135,360.36
29	Fabrication and galvanisation	Kg	35.904	13.00	466.75
30	Concrete material for stay anchor plate	Nos.	6.6	1,653.00	10,909.80
31	Padding and Concreting materials for support	Nos.	11	2,837.90	31,216.90
	Total Rs.				1,177,953.81
B	11 KV DP WITH AB SWITCH				
1	MS Channel 100x50x6 mm	Kg	65	92.30	5,999.50
2	MS channel 75x40x6 mm	Kg	99	92.30	9,137.70
3	MS Angle 50x50x6 mm	Kg	49.5	92.30	4,568.85
4	Fish Plate 50x6 mm	Nos.	4	132.06	528.24
5	11 KV Disc insulator B&S polymer type 70 KN	No	6	1633.00	9,798.00
6	11 KV H/W fitting polymer type	Pair	6	497.00	2,982.00
7	PG clamp for 100 sq. mm AAAC	No	6	823.60	4,941.60
8	GI Flat 50x6 mm	Kg	19	106.50	2,023.50
9	GI Flat 25x6 mm	Kg	18	106.50	1,917.00
10	11 KV HG Fuse(200 A 3 pole with PI)	Set	1	8690.40	8,690.40
11	11 KV Lightning Arrester(9 KV,5 KA)	No.	3	1391.60	4,174.80
12	11 KV Pin Insulator Polymer	No	3	284.00	852.00
13	HT Stay Set (Complete)	Set	4	1491.00	5,964.00
14	HT Stay Insulator	No.	4	71.00	284.00
15	HT Stay Clamp	Pair	4	177.50	710.00
16	7/10 SWG Stay Wire ,7/3.25 mm	KG	23	106.50	2,449.50
17	7/8 SWG GIWire for earthing	KG	32	106.50	3,408.00
18	Earthing support coil type	EA	3	235.72	707.16
19	Pipe HDPE	Mtr.	9	56.80	511.20
20	Al cable socket 70 sq. mm	Nos.	6	21.30	127.80
21	Al cable socket 95 sq. mm	Nos.	6	28.40	170.40

22	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	28	110.76	3101.28
23	Materials for Masonary work for earth pit	No.	3	568.00	1,704.00
24	Charcoal, salt etc for earthing	Kg	6	639.00	3,834.00
25	GI barbed wire/Anticlimbing device	No	4	113.60	454.40
26	Danger plate	No	2	113.60	227.20
A	A. Sub total				79,266.53
B	B. Stock, Storage & Insurance @ 3% of A				2,378.00
C	Sub Total (C=A+B)				81,644.53
D	T&P @ 2% of C				1,632.89
E	Contigency @ 3% of C				2,449.34
F	Transportation @ 7.5% of C				6,123.34
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				7,926.65
J	Total				99,776.74
27	Fabrication and Galvanisation	Kg	214	13.00	2,782.00
28	Concrete material for stay anchor plate	Nos.	4	1,653.00	6,612.00
29	Padding and Concreting materials for support	Nos.	2	2,837.90	5,675.80
	Total Rs.				114,846.54
C	11 KV SP CUT POINT				
1	11 Mtr. Long 160x160 mm GI WPB Pole(30.44 Kg/Mtr.)	No	2	35621.00	71242.00
2	75x40x6 mm Channel for Straight cross arm	Kg	65.28	92.30	6,025.34
3	11 KV Disc insulator B&S polymer type 70 KN	No	12	1633.00	19,596.00
4	11 KV H/W fitting polymer type	Pair	12	497.00	5,964.00
5	11 KV Pin Insulator Polymer	No	6	284.00	1,704.00
6	HT Stay Set (Complete)	Set	8	1491.00	11,928.00
7	HT Stay Insulator	No.	8	71.00	568.00
8	HT Stay Clamp	Pair	8	177.50	1,420.00
9	7/10 SWG Stay Wire ,7/3.25 mm	Kg	80	106.50	8,520.00
10	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	10	110.76	1107.6
11	Earthing support coil type	No	2	235.72	471.44
A	A. Sub total				128,546.38
B	B. Stock, Storage & Insurance @ 3% of A				3,856.39
C	Sub Total (C=A+B)				132,402.78
D	T&P @ 2% of C				2,648.06
E	Contigency @ 3% of C				3,972.08

F	Transportation @ 7.5% of C				9,930.21
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				3668.96
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				5,902.35
12	Concrete material for stay anchor plate	Nos.	8	1,653.00	13,224.00
13	Padding and Concreting materials for support	Nos.	2	2,837.90	5,675.80
J	Total				177,424.23
II	LT Line				
1	9 Mtr. Long 150x150 mm RS Joist Pole(30.6 Kg/Mtr.)	No.	21	25419.42	533807.82
2	1.1 KV 3C×95 mm ² +1C×70 mm ² +1CX16 mm ² (LT AB Cable)	Km	0.689	345060.00	237746.34
3	4 core Al. PVC armoured 25 sq. mm	Mtr.	19.50	177.50	3461.25
4	Pole Clamp	No	21	284.00	5964.00
5	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	No	3	92.30	276.90
6	Suspension Clamp with EYE hook for ABC	No	21	482.80	10138.80
7	Neutral Connector	No	13	46.86	609.18
8	7/12 SWG GI stay wire, Grade -2	Kg	31.2	106.50	3322.80
9	LT stay Clamp (1.40Kg/pair)	Pair	5	156.20	781.00
10	LT Stay insulator	No	5	42.60	213.00
11	Coil Earthing	No	21	235.72	4950.12
12	No-8 GI wire for earthing	Kg	11.05	113.6	1255.28
13	Bolt & Nut GI 16x55 mm	Kg	9.75	110.76	1079.91
14	Piercing Connector LT Type A	No	13	113.6	1476.80
15	LT Stay set Complete	Set	5	738.40	3692.00
16	8 way Service Distribution Box with kitkat Fuse	No.	1	5680.00	5680.00
A	A. Sub total				814,455.20
B	B. Stock, Storage & Insurance @ 3% of A				24,433.66
C	Sub Total (C=A+B)				838,888.86
D	T&P @ 2% of C				16,777.78
E	Contigency @ 3% of C				25,166.67
F	Transportation @ 7.5% of C				62,916.66
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				27491.1
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				28,905.01

J			Total		1,000,146.07
17	Concrete materials for stay anchor plate	No.	5	1,653.00	8,265.00
18	Padding and concreting material for Support	No.	21	2,837.90	59,595.90
19	Dismantling of existing Conductor	Mtr.	300	10.00	3,000.00
				Total Rs.	1,071,006.97
III	INSTALLATION OF 250 KVA S/S.				
1	11 Mtr. Long 160x160 mm GI WPB Pole(30.44 Kg/Mtr.)	No	2	35621.00	71242.00
2	250 KVA , 11/0.4 KV (CU) Transformer BIS Energy Level-II	No	1	626121.70	626,121.70
3	MS Channel 100x50x6 mm	Kg	51	92.30	4,707.30
4	MS channel 75x40x6 mm	Kg	184	92.30	16,983.20
5	MS angle 50x50x6 mm	Kg	27	92.30	2,492.10
6	11 KV Disc insulator polymer type 70 KN(B&S)	No	3	1633.00	4,899.00
7	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
8	PG Clamp for 100 sq. mm AAAC	No.	3	823.60	2,470.80
9	GI Flat 50x6 mm	Kg	43	106.50	4,579.50
10	GI Flat 25x6 mm	Kg	11	106.50	1,171.50
11	11 KV AB Switch(400 Amp, 3 pole)	Set	1	16827.00	16,827.00
12	11 KV DD Fuse 3 Pole	No	1	6678.78	6,678.78
13	11 KV DD Fuse Link Unit(10 A)	No	3	157.62	472.86
14	11 KV Lightning Arrester(9 KV,5 KA)	EA	3	1391.60	4,174.80
15	Conductor ACSR PVC(61.7 Sq. mm)	Mtr.	20	84.24	1684.80
16	HT Stay set complete	Set	2	1491.00	2982.00
17	7/10 SWG Stay wire	Kg	20	106.50	2130.00
18	HT Stay Insulator	No.	2	71.00	142.00
19	HT stay clamp	Pair	2	177.50	355.00
20	40 mm Nominal bore GI pipe(Medium Gauge)	No	5	1491.00	7455.00
21	GI Pipe (100 mm)	Mtr.	3	710.00	2130.00
22	HDPE Pipe	Mtr.	15	56.80	852.00
23	1.1 KV 4 core 300 sq. mm XLPE Cable	Mtr.	23	557.08	12812.84
24	1 core 300 sq. mm XLPE Cable(Armoured)	Mtr.	32	208.74	6679.68
25	Gland for Arm (4 core x 300 sq. mm XLPE Cable)	Nos.	4	494.82	1979.28
26	LT Distribution Box with MCCB,Aluminium Bus bar.	No	1	68160.00	68160.00
27	Al. cable socket 70 sq. mm	No	80	21.30	1704.00
28	Al. cable socket 95 sq. mm	No	16	28.40	454.40
29	GI Nuts, Bolts & washers	Kg	25	110.76	2769.00
30	GI barbed wire for Anticlimbing	Kg	4	113.60	454.40
31	Danger Plate	No	2	113.60	227.20

A					A. Sub total	877,283.14
B					B. Stock, Storage & Insurance @ 3% of A	26,318.49
C					Sub Total (C=A+B)	903,601.63
D					T&P @ 2% of C	18,072.03
E					Contingency @ 3% of C	27,108.05
F					Transportation @ 7.5% of C	67,770.12
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%					35914.23
H	Erection Charges @ 20% on PSC Poles					
I	Erection Charges @ 10% for other materials					18531.7
J					Total	1,070,997.77
34	Fabrication & Galvanisation	Kg	262	13.00		3,406.00
35	Concrete material for stay anchor plate	No	2	1653.00		3306.00
36	Padding and Concreting materials for support	No	2	2837.97		5675.94
37	Plinth for 250 KVA transformer	No	1	22034.00		22034.00
38	Economic Brick Design fencing	No	1	92622.57		92622.57
39	Earthing pit for pipe earthing	No	5	3700.00		18500.00
40	Dismantling of Transformer	No	1	7315.00		7315.00
	Total Rs.					1,223,857.28
	Sub Total Rs.					3,765,088.84
	Cess @1%					37650.89
	Total Estimated Cost					3,802,739.73
	Total Estimated Cost in Figures					3,802,740.00
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (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)**