

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 :- 01 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO ATAL BUS STAND AT KALAMPUR IN THE DISTRICT OF KALAHANDI.****BID REF NO :-75/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.
PART-A	SHIFTING AND RECONSTRUCTION OF 11 KV LINE				
I					
1	13 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No.	5	41516.00	207580.00
2	11 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No.	7	35129.38	245905.66
	Total Rs.				453485.66
II	Construction of 3 Ph 3 W 11 KV Line on 13 Mtr. Long 150x150 mm RS Joist Pole for pin point and 2 Nos. cut points with double disc arrangement for 100 sq. mm AAAC-0.5 KM				
3	100 sq. mm AAAC(Insulated conductor)	Km.	1.545	127800.00	197451.00
4	11 KV 'V' cross arm(10.2 Kg each)	No.	5	1150.20	5751.00
5	GI Back clamp for 11 KV V Cross Arm	No.	5	113.60	568.00
6	Top F clamp for PSC Pole ,2.9 Kg	No.	5	340.80	1704.00
7	11 KV Pin Insulator Polymer	No	15	284.00	4260.00
8	11 KV GI Pin	No	15	113.60	1704.00
9	Earthing support coil type	No	5	235.72	1178.60
10	Padding and concreting material for support	No.	5	3099.86	15499.30
11	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	8	110.76	886.08
12	Sundries(Paint, danger Board, clamp, connectors, antilimbing Device, binding Tape etc.	No	5	3105.91	15529.55
	Total Rs.				244531.53
III	11 KV SP CUT POINT WITH DOUBLE DISC ARRANGEMENT				
13	75x40x6 mm Channel for Straight cross arm(1.2 Mtrs.x4 Nos.)	Kg	163.2	92.68	15,125.38
14	11 KV Disc insulator B&S polymer type 45 KN	No	60	1221.20	73,272.00
15	11 KV H/W fitting polymer type	Pair	30	184.60	5,538.00
16	HT Stay Set (Complete)	Set	15	1491.00	22,365.00
17	HT Stay Insulator	No.	15	71.00	1,065.00
18	HT Stay Clamp	Pair	15	177.50	2,662.50
19	7/10 SWG Stay Wire ,7/3.25 mm	Kg	150	106.50	15,975.00

20	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	20	110.76	2215.2
21	Concrete material for stay anchor plate	No	15	1420.00	21300.00
22	Padding and concreting material for support	No.	5	3099.86	15499.30
23	Earthing support coil type	No	5	235.72	1,178.60
A	A. Sub total				176,195.98
IV	11 KV DP WITH 1 NO. OF 400 AMP AB SWITCH-1 No.				
24	11 KV Pin Insulator Polymer	No	3	284.00	852.00
25	11 KV GI Pin	No	3	113.60	340.80
26	Top Channel 100x50x6 mm ,2.8 Mtr. Long 2 Nos.	Kg	51.52	92.30	4,755.30
27	AB switch mounting Channel 75x40x6 mm ,2.2.8 Mtr.(6.8 Kg/Mtr.)	Kg	38.08	92.30	3,514.78
28	Bracing Channel 75x40x6 mm -2.3Mtr. Long(6.8 Kg/Mtr.)	Kg	40.8	92.30	3,765.84
29	Bracing Angle 50x50x6 mm -2x4 Mtr. Long(4.5 Kg/Mtr.)	Kg	36	92.30	3,322.80
30	Cantilever channel for supporting AB switch Arm-75x40x6 mm ,1.5 Mtr. Long-2 Nos., 6.8 Kg/Mtr.	Kg	20.4	92.30	1,882.92
31	Angle for cantilever arrangement for AB Switch 50x50x6 mm ,1.5 Mtr. Long ,2 Nos.(4.5 Kg/Mtr.)	Kg	13.5	92.30	1246.05
32	75x40x6 mm Channel 1.5 Long 1 No.(6.8 Kg/Mtr.for supporting AB swich Handel	Kg	10.2	92.30	941.46
33	11 KV Disc insulator T&C polymer type 45 KN	No	12	1221.20	14,654.40
34	11 KV H/W fitting polymer type	Pair	6	184.60	1,107.60
35	11 KV AB switch 3 pole(400 Amp)	No	1	16827.00	16,827.00
36	HT Stay Set (Complete)	Set	4	1491.00	5,964.00
37	HT Stay Insulator	No.	4	71.00	284.00
38	HT Stay Clamp	Pair	4	177.50	710.00
39	GI Pipe for earthing 40mm dia 3mtr long	EA	1	1491.00	1,491.00
40	Earthing support coil type	No.	2	235.72	471.44
41	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	10	110.76	1107.6
42	Clamp for Bracing channel	Kg	6	92.30	553.8
43	No.6 GI wire for earthing	Kg	3	106.50	319.5
44	7/10 SWG Stay Wire ,7/3.25 mm	KG	40	106.50	4,260.00
45	Concrete material for stay anchor plate	No	4	1420.00	5680.00
46	Padding and concreting material for support	No.	2	3099.86	6199.72
47	Materials for Masonary work for earth pit	No.	1	754.02	754.02
48	Charcoal, salt etc for earthing	Kg	1	670.24	670.24
49	Sundries(Paint, danger Board, clamp, connectors, anticlimbing Device, binding Tape etc.	No	1	1635.27	1,635.27
A	A. Sub total				83,311.54
A	A. Sub total				957,524.71
B	B. Stock, Storage & Insurance @ 3% of A				28,725.74
C	Sub Total (C=A+B)				986,250.45
D	T&P @ 2% of C				19,725.01
E	Contingency @ 3% of C				29,587.51
F	Transportation @ 7.5% of C				73,968.78
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				23354.51

H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				51916.02
J	Total				1,184,802.28
50	Labour cost for Dismantling of HT Line	Km	0.6	18,500.00	11,100.00
	Total Rs.(PART-A)				1,195,902.28
PART-B	CONSTRUCTION OF 11 KV LINE AND 250 KVA S/S				
I	CONSTRUCTION OF 11 KV LINE .				
A	11 KV LINE AAAC TAPPING ON RSJ POLE				
1	9 Mtr. Long 300 KG PSC Pole	Nos.	1	4,260.00	4,260.00
2	75x40x6 mm Channel for Straight cross arm	Kg	32.64	92.30	3,012.67
3	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1150.20	1150.2
4	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.6
5	11 KV F Clamp,2.9 Kg each	No.	1	340.80	340.8
6	11 KV Disc insulator B&S polymer type 70 KN	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	11 KV Pin Insulator Polymer	No	5	284.00	1,420.00
10	HT Stay Set (Complete)	Set	2	1491.00	2,982.00
11	HT Stay Insulator	No.	2	71.00	142.00
12	HT Stay Clamp	Pair	2	177.50	355.00
13	7/10 SWG Stay Wire ,7/3.25 mm	KG	20	106.50	2,130.00
14	Nut , Bolt & Washer of different sizes	Kg	5	106.50	532.5
15	Earthing support coil type	No	1	235.72	235.72
A	A. Sub total				25,535.29
B	B. Stock, Storage & Insurance @ 3% of A				766.06
C	Sub Total (C=A+B)				26,301.35
D	T&P @ 2% of C				526.03
E	Contingency @ 3% of C				789.04
F	Transportation @ 7.5% of C				1,972.60
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				
H	Erection Charges @ 20% on PSC Poles				877.56
I	Erection Charges @ 10% for other materials				2,191.35
J	Total				32,657.93
16	Fabrication and galvanisation	Kg	32.64	13.00	424.32
17	Concrete material for stay anchor plate	Nos.	2	1,653.00	3,306.00
18	Padding and Concreting materials for support	Nos.	1	2,837.90	2,837.90
	Total Rs.				39,226.15
B	11 KV LINE USING 55 SQ. MM INSULATED COVERED CONDUCTOR				
1	13 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No	1	41516.54	41516.54
2	55 sq. mm insulated covered AAAC	Mtr.	154.5	152.00	23484
3	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1150.20	1150.2
4	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.6
5	Top F clamp for PSC Pole ,2.9 Kg	No.	1	340.80	340.8
6	11 KV Pin Insulator Polymer	No	3	284.00	852.00
7	HT Stay Set (Complete)	Set	1	1491.00	1,491.00

8	HT Stay Insulator	No.	1	71.00	71.00
9	HT Stay Clamp	Pair	1	177.50	177.50
10	7/10 SWG Stay Wire ,7/3.25 mm	KG	7	106.50	745.50
11	Earthing support coil type	No	1	235.72	235.72
12	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	2	110.76	221.52
13	GI barbed wire/Anticlimbing device	Kg	2	113.60	227.20
14	Danger plate	No	1	113.60	113.60
A	A. Sub total				70,740.18
B	B. Stock, Storage & Insurance @ 3% of A				2,122.21
C	Sub Total (C=A+B)				72,862.39
D	T&P @ 2% of C				1,457.25
E	Contingency @ 3% of C				2,185.87
F	Transportation @ 7.5% of C				5,464.68
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				2138.1
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				3010.03
J	Total				87,118.31
30	Concrete material for stay anchor plate	Nos.	1	1,653.00	1,653.00
31	Padding and Concreting materials for support	Nos.	1	2,837.90	2,837.90
	Total Rs.				91,609.21
II	INSTALLATION OF 250 KVA S/S.				
1	9 Mtr. Long 300 KG PSC Pole	No	2	4260.00	8520
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				814,561.14
B	B. Stock, Storage & Insurance @ 3% of A				24,436.83
C	Sub Total (C=A+B)				838,997.97
D	T&P @ 2% of C				16,779.96
E	Contingency @ 3% of C				25,169.94
F	Transportation @ 7.5% of C				62,924.85
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				33245.27
H	Erection Charges @ 20% on PSC Poles				1755.12
I	Erection Charges @ 10% for other materials				18531.7
J	Total				997,404.81
32	Fabrication & Galvanisation	Kg	262	13.00	3,406.00
33	Concrete material for stay anchor plate	No	2	1653.00	3306.00
34	Padding and Concreting materials for support	No	2	2837.97	5675.94
35	Plinth for 250 KVA transformer	No	1	22034.00	22034.00
36	Economic Brick Design fencing	No	1	92622.57	92622.57
	Earthing pit for pipe earthing	No	5	3700.00	18500.00
	Total Rs.				1,142,949.32
	Total Rs.(PART-B)				1,273,784.68
	Sub Total Rs.(PART-A+PART-B)				2,469,686.97
	Cess @1%				24696.87
	Total Estimated Cost				2,494,383.84
	Total Estimated Cost in Figures				2,494,384.00
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/-
Project Manager (Elect)**

**Sd/-
Dy. Manager (Elect)**