

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 :- 02 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO ATAL BUS STAND AT RAMPUR UNDER TH. RAMPUR BLOCK 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 & S/S				
I					
1	13 Mtr. Long 150x150 mm RS Joist Pole(34.6 Kg/Mtr.)	No.	7	41516.54	290615.78
	Total Rs.				290615.78
II	Construction of 25 KVA S/S-1 No.				
2	Pressure Channel 100x50x6 mm ,2.8 Mtr. Long 2 Nos.	Kg	51.52	92.30	4,755.30
3	Transformer mounting Channel 100x50x6 mm ,2.8 Mtr. Long 2 Nos.	Kg	51.52	92.30	4,755.30
4	AB switch & HG Fuse mounting Channel 75x40x6 mm ,4 Nos.,2.8 Mtr. Long (6.8 Kg/Mtr.)	Kg	76.16	92.30	7,029.57
5	Cantilever channel for supporting AB switch & HG Fuse-50x50x6 mm ,1.5 Mtr. Long-4 Nos., 4.5 Kg/Mtr.	Kg	40.8	92.30	3,765.84
6	Angle for cantilever arrangement for AB Switch & HG Fuse 50x50x6 mm ,1.5 Mtr. Long ,4 Nos.(4.5 Kg/Mtr.)	Kg	27	92.30	2492.1
7	Transformer Belting 50x50x6 mm angle-2.8 Mtr. Long ,2 Nos.(4.5 Kg/Mtr.0with side angle Total 7 Mtr.	Kg	31.5	92.30	2,907.45
8	Angle for mounting LT Distribution Box 50x50x6 mm -2.5 Mtr. Long x2 nos. (4.5 Kg/Mtr.)	Kg	22.5	92.30	2,076.75
9	75x40x6 mm Channel 1.5 Long 1 No.(6.8 Kg/Mtr.for supporting AB swich Handel	Kg	10.2	92.30	941.46
10	11 KV Disc insulator T&C polymer type 45 KN	No	6	1221.20	7,327.20
11	11 KV H/W fitting polymer type	Pair	3	184.60	553.80
12	11 KV AB switch 3 pole(400 Amp)	No	1	16827.00	16,827.00
13	11 KV HG Fuse 3 pole(400 Amp)	No	1	16372.00	16,372.00
14	11 KV LA	No	3	5041.00	15,123.00
15	HT Stay Set (Complete)	Set	2	1491.00	2,982.00

16	HT Stay Insulator	No.	2	71.00	142.00
17	HT Stay Clamp	Pair	2	177.50	355.00
18	7/10 SWG Stay Wire ,7/3.25 mm	KG	20	106.50	2,130.00
19	GI Pipe for earthing 40mm dia 3mtr long	EA	3	1491.00	4,473.00
20	Earthing support coil type	No.	2	235.72	471.44
21	No.6 GI wire for earthing	Kg	20	106.50	2130
22	Concrete material for stay anchor plate	No	2	1805.08	3610.16
23	Padding and concreting material for support	No.	2	3099.86	6199.72
24	Materials for Masonary work for earth pit	No.	3	754.02	2,262.06
25	Charcoal, salt etc for earthing	Kg	3	670.24	2,010.72
26	Clamp , connector and jumpering materials	Ls	1	1005.36	1005.36
27	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	36	110.76	3987.36
28	Sundries(Paint, danger Board, clamp, connectors, anticlimbing Device, binding Tape etc.	No	1	3351.20	3351.20
29	Socket and other cable acessories	Ls	0.9577	417.65	399.98
30	Sundries(Paint, danger Board, clamp, connectors, anticlimbing Device, binding Tape etc.	Ls	1	1566.18	1566.18
	Total Rs.				122002.94
III	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-0.4 KM				
31	100 sq. mm AAAC(Insulated conductor)	Km.	1.236	127800.00	157960.80
32	11 KV 'V' cross arm(10.2 Kg each)	No.	7	1150.20	8051.40
33	GI Back clamp for 11 KV V Cross Arm	No.	7	113.60	795.20
34	Top F clamp for PSC Pole ,2.9 Kg	No.	7	340.80	2385.60
35	11 KV Disc insulator B&S polymer type 45 KN	No	12	1221.20	14,654.40
36	11 KV H/W fitting polymer type	Pair	6	184.60	1,107.60
37	11 KV Pin Insulator Polymer	No	21	284.00	5964.00
38	11 KV GI Pin	No	21	113.60	2385.60
39	HT Stay Set (Complete)	Set	4	1491.00	5,964.00
40	HT Stay Insulator	No.	4	71.00	284.00
41	HT Stay Clamp	Pair	4	177.50	710.00
42	7/10 SWG Stay Wire ,7/3.25 mm	Kg	40	106.50	4,260.00
43	Earthing support coil type	No	7	235.72	1650.04
44	Concrete material for stay anchor plate	No	4	1805.08	7220.32
45	Padding and concreting material for support	No.	7	3099.86	21699.02
46	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	17	110.76	1882.92
47	Sundries(Paint, danger Board, clamp, connectors, anticlimbing Device, binding Tape etc.	No	7	3105.91	21741.37
	Total Rs.				258716.27
48	9 Mtr. Long 300 KG PSC Pole	Nos.	2	4260.00	8520.00
A	A. Sub total				679,854.99
B	B. Stock, Storage & Insurance @ 3% of A				20,395.65
C	Sub Total (C=A+B)				700,250.64
D	T&P @ 2% of C				14,005.01
E	Contingency @ 3% of C				21,007.52
F	Transportation @ 7.5% of C				52,518.80
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				14966.71
H	Erection Charges @ 20% on PSC Poles				1755.12
I	Erection Charges @ 10% for other materials				39214.08

J			Total		843,717.88
49	Labour cost for Dismantling of HT Line	Km	0.35	18,500.00	6,475.00
50	Fencing of S/S	No.	1	104,661.00	104,661.00
	Total Rs.(PART-A)				954,853.88
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	75x40x6 mm Channel for Straight cross arm	Kg	32.64	92.30	3,012.67
2	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1150.20	1150.2
3	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.6
4	11 KV F Clamp,2.9 Kg each	No.	1	340.80	340.8
5	11 KV Disc insulator B&S polymer type 70 KN	No	3	1633.00	4,899.00
6	11 KV H/W fitting polymer type	Pair	3	497.00	1,491.00
7	PG clamp for 100 sq. mm AAAC	No.	3	823.60	2,470.80
8	11 KV Pin Insulator Polymer	No	5	284.00	1,420.00
9	HT Stay Set (Complete)	Set	2	1491.00	2,982.00
10	HT Stay Insulator	No.	2	71.00	142.00
11	HT Stay Clamp	Pair	2	177.50	355.00
12	7/10 SWG Stay Wire ,7/3.25 mm	KG	20	106.50	2,130.00
13	Nut , Bolt & Washer of different sizes	Kg	5	106.50	532.5
14	Earthing support coil type	No	1	235.72	235.72
A	A. Sub total				21,275.29
B	B. Stock, Storage & Insurance @ 3% of A				638.26
C	Sub Total (C=A+B)				21,913.55
D	T&P @ 2% of C				438.27
E	Contingency @ 3% of C				657.41
F	Transportation @ 7.5% of C				1,643.52
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				2,191.36
J			Total		26,844.10
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.				33,412.32
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	5	41516.54	207582.7
2	55 sq. mm insulated covered AAAC	Mtr.	772.5	152.00	117420
3	11 KV 'V' cross arm(10.2 Kg each)	No.	5	1150.20	5751
4	GI Back clamp for 11 KV V Cross Arm	No.	5	113.60	568
5	Top F clamp for PSC Pole ,2.9 Kg	No.	5	340.80	1704
6	11 KV Pin Insulator Polymer	No	15	284.00	4,260.00
7	HT Stay Set (Complete)	Set	3	1491.00	4,473.00
8	HT Stay Insulator	No.	3	71.00	213.00
9	HT Stay Clamp	Pair	3	177.50	532.50
10	7/10 SWG Stay Wire ,7/3.25 mm	KG	21	106.50	2,236.50
11	Earthing support coil type	No	5	235.72	1,178.60

12	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	13	110.76	1439.88
13	GI barbed wire/Anticlimbing device	Kg	10	113.60	1,136.00
14	Danger plate	No	5	113.60	568.00
A	A. Sub total				349,063.18
B	B. Stock, Storage & Insurance @ 3% of A				10,471.90
C	Sub Total (C=A+B)				359,535.08
D	T&P @ 2% of C				7,190.70
E	Contingency @ 3% of C				10,786.05
F	Transportation @ 7.5% of C				26,965.13
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				10690.51
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				14572.49
J	Total				429,739.96
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.				448,888.46
II	INSTALLATION OF 250 KVA S/S.				
1	9 Mtr. Long 300 KG PSC Pole	No	2	4260.00	8520.00
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				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)				1,625,250.10
	Sub Total Rs.(PART-A+PART-B)				2,580,103.98
	Cess @1%				25801.04
	Total Estimated Cost				2,605,905.02
	Total Estimated Cost in Figures				2,605,905.00
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)