

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 TO CATER POWER SUPPLY TO BUS STAND AT KHAJURIPADA UNDER KHAJURIPADA BLOCK IN THE DISTRICT OF KANDHAMAL.****BID REF NO.- 51/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-I	3 phase 3W 11 KV / LT line including -0.270 Km(with intermediate poles 2 Nos. for 2 Nos. for existing 11 Kv Line & 2 Nos. for existing LT Line)				
1	11 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr)including base plate	No	11	34,321.52	377,536.72
2	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 4 Nos, & 0.3 Mtr. Long 4 Nos.including tapping point	Kg	77.28	106.50	8,230.32
3	Fish Plate 50x8 mm,3.14 Kg/Mtr.,each 0.280 mtr. Length	Kg	10.55	106.50	1,123.58
4	11 KV 'V' cross arm(10.2 Kg each)	No.	8	1,150.20	9,201.60
5	GI Back clamp for 11 KV V Cross Arm	No.	8	113.60	908.80
6	Top F clamp	No.	8	340.80	2,726.40
7	Disc insulator 45 KN (B&S) Polymer	No.	12	1,221.20	14,654.40
8	11KV Pin Insulator polymer	No.	33	284.00	9,372.00
9	11 KV XLPE insulated covered conductor 55 sq. mm	Km	0.8343	99,740.00	83,213.08
10	IPC for 11 KV 55 sq. mm covered conductor	No	12	550.00	6,600.00
11	Tension Assembly wedge type with anchoring clamp for 11 KV covered conductor	No	12	905.00	10,860.00
12	Non metallic Ties 11 KV	No	27	286.00	7,722.00
13	3X50+1x35+1x16 sqmm AB Cable	Mtr.	283.505	198.80	56,359.83
14	Pole clamp for eye Hook for AB cable	No.	9	284.00	2,556.00
15	Dead end clamp with eye hook	No	4	177.50	710.00
16	Suspension clamp with Eye Hook	No	5	482.80	2,414.00
17	HT stay set (Complete)	No.	3	1,491.00	4,473.00
18	HT stay Insulator, Type-C	No.	3	71.00	213.00
19	Stay clamp(1.9 Kg/Pair)	pair	3	177.50	532.50
20	7/10 SWG GI Saty wire	Kg	30	106.50	3,195.00

21	Earthing Device coil type GI	No	11	235.72	2,592.92
22	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	2.882	106.50	306.93
23	Danger Board	No	11	113.60	1,249.60
24	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	3.31	106.50	352.52
25	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	33.00	113.60	3,748.80
26	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	13.24	106.50	1,410.06
27	No.6/8 GI wire	Kg	60	106.50	6,390.00
28	75x40x6 mm , Channel st. cross arm @ 6.8 Kg/Mtr.(3.23 Mtr. Long 4 Nos. Channels) with Galvanisation	Kg	81.6	106.50	8,690.40
29	Eye Hook	Nos.	8	85.20	681.60
30	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	4	1,491.00	5,964.00
31	50x6 mm GI Flat for earthing, 2.36 Kg/Mtr.(2.5 Mtr. Mesh foundation and 2.5 Mtr. for raising)	Kg	47.2	106.50	5,026.80
32	GI Nuts & Bolts	Kg	27.5	110.76	3,045.90
33	Black paint	Ltr.	5.500	312.40	1,718.20
34	Yellow colour paint for Background	Ltr.	11.000	212.77	2,340.47
35	Sundries	No.	1	1,000.00	1,000.00
	Total Rs.				647,120.43
PART-II	Installation of 250 KVA 11/0.4KV sub station - 1 No.				
1	11 Mtr Long (160x152)WPB Pole(30.44 Kg/mtr)with base plate 300x300x12	No	2	34,321.52	68,643.04
2	Pressure Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	106.50	5,486.88
3	GI Bracing channel for supporting DP arm,75x40x6mm channel 2.8 mtr long,4 Nos.6.8 K.g/mtr)	K.g	38.08	106.50	4,055.52
4	Bracing Angle GI(50x50x6)mm,4 mtr long 2 No(4.5 Kg/mtr)	K.g	31.5	106.50	3,354.75
5	AB switch &HG fuse mounting channel GI(75x40x6)mm,2.8mtr long 4 No(6.8Kg/mtr)with Galvanisation	K.g	76.16	106.50	8,111.04
6	Cantilever GI Channel for supporting HG Fuse 75X40x6mm. 1mtr. Long 2 Nos. (6.8kg./mtr.)	Kg	13.6	106.50	1,448.40
7	Cantilever GI Angle for supporting HG Fuse 50x50x6mm. 1.5 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg	13.5	106.50	1,437.75
8	AB switch side support channel 100x50x6 mm, 9.2 Kg/Mtr.,each channel length 0.35 Mtr.,2 Nos required	Kg.	6.44	106.50	685.86
9	Channel support for down pipe 75x40x6 mm, 6.8 Kg/Mtr., each channel length 0.8 Mtr., 1 No. required.	K.g	5.44	106.50	579.36

10	Angle for mounting LT Distribution Box (50x50x6)mm 1 Mtr. Long 2 Nos.(3.5 Kg/Mtr.)with Galvanisation	Kg	9	106.50	958.50
11	11KV Pin Insulator polymer	No.	3	284.00	852.00
12	Disc insulator 45 KN (B&S) Polymer	No.	3	1,221.20	3,663.60
13	11 KV XLPE insulated covered conductor 55 sq. mm	Km	0.05	99,740.00	4,987.00
14	IPC for 11 KV 55 sq. mm covered conductor	No	3	550.00	1,650.00
15	Tension Assembly wedge type with anchoring clamp for 11 KV covered conductor	No	3	905.00	2,715.00
16	Fish Plate 50x8 mm,3.14 Kg/Mtr.,each 0.280 mtr. Length	Kg	5.275	106.50	561.79
17	HT stay set (Complete)REC Construction standard	No.	4	1,491.00	5,964.00
18	HT stay Insulator, Type-C	No.	4	71.00	284.00
19	Stay clamp(1.9 Kg/Pair)	pair	4	177.50	710.00
20	7/10 SWG GI Saty wire, grade-2	Kg	40	106.50	4,260.00
21	11KV AB switch 3 pole(400 Amp, 50 Hz)	Set	1	16,827.00	16,827.00
22	11KV HG fuse 3 pole(400 Amp)	Set	1	16,372.60	16,372.60
23	11 KV LA(9 KV, 10 KA)	No.	3	1,420.00	4,260.00
24	250 KVA, 11/0.4 KV (CU) Transformer with Tap changer BIS Energy Level-II	No	1	619,789.28	619,789.28
25	LT Distribution box with MCCB, Aluminium Bus bar for 3 bay with Kitkat Fuse for 250 KVA S/S	No	1	68,160.00	68,160.00
26	300 sq. mm 1 core LT XLPE Cable	Mtr.	40	542.44	21,697.60
27	Earthing Device coil type GI	No	2	235.72	471.44
28	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.524	106.50	55.81
29	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1,491.00	10,437.00
30	50x6 mm GI Flat for earthing, 2.36 Kg/Mtr.(2.5 Mtr. Mesh foundation and 2.5 Mtr. for raising)	Kg	82.6	106.50	8,796.90
31	Danger Board	No	2	113.60	227.20
32	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6018	106.50	64.09
33	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
34	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	2.407	106.50	256.35
35	GI Nut, Bolt & washer of assorted size	Kg	25	110.76	2,769.00
36	Black paint	Ltr.	1	312.40	312.40
37	Yellow colour paint for Background	Ltr.	2	212.77	425.54
38	Sundries(Al. binding tape, insulating Tape etc.)	No.	1	1500.00	1,500.00
	Total Rs.				893,512.29

PART-III	Construction of LT 1 ph 2 W line using 1x35+1x25 sqmm XLPE AB Cable=0.2 Km(2 Span)				
1	9 Mtr. Long 300 KG PSC Pole	No	6	4,260.00	25,560.00
2	RCC Base plate for support	No.	6	361.34	2,168.04
3	L.T Stay set (Complete)	Set	2	738.40	1,476.80
4	L.T Stay Insulator	No.	2	42.60	85.20
5	L.T Stay clamp (1.40 K.g/Pair)	Pair	2	156.20	312.40
6	7/12 SWG Stay Wire ,Grade-2	Kg	16	106.50	1,704.00
7	1x35+1x25 sqmm AB Cable	Mtr.	206.00	59.64	12,285.84
8	Pole clamp for eye Hook for AB cable	No.	8	284.00	2,272.00
9	Dead end clamp with eye hook	No	5	177.50	887.50
10	Suspension clamp with Eye Hook	No	3	482.80	1,448.40
11	Earthing support coil type	No	6	235.72	1,414.32
12	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	1.572	106.50	167.42
13	GI Nut, Bolt & washer	Kg	3	110.76	332.28
14	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	18	113.60	2,044.80
15	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	7.222	106.50	769.14
16	Danger Board	No	6	113.60	681.60
17	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.805	106.50	192.23
18	Black paint	Ltr.	3.00	312.40	937.20
19	Yellow colour paint for Background	Ltr.	6	212.77	1,276.62
20	Saundries	No.	1	500.00	500.00
	Total Rs.				56,515.79
	A.Sub Total Rs.				1,597,148.51
B	Stock,storage and insurance (@3% on A)				47,914.46
C	TOTAL RS.				1,645,062.97
D	T&P @ 2% of C				32,901.26
E	Contingency @ 3% of C				49,351.89
F	Transportation @ 7.5% of C				123,379.72
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				112,241.57
H	TOTAL RS.				1,962,937.41
21	Stay concreting in ratio 1:2:4(0.5x0.5x0.8)Mtr. as per TPSODL specification and drawing =0.2 cum	Nos.	9	1,329.77	11,967.93
22	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3=0.45 cum+Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	13	3,739.98	48,619.74
23	Concreting of 8 Mtr./9 Mtr. PSC Pole in ratio 1:1:5:3(500x500x1500mm)=0.375 cum + Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	6	3,241.31	19,447.86

24	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	11	1,600.00	17,600.00
25	Plinth for installation of 250 KVA DTR	Nos.	1	32,181.60	32,181.60
26	Construction of Boundary wall for fencing of DPM S/S in the size 3x3 Mtr. @ 7300.12/RM considering height above ground depth -1.2 mtr. Including the cost of fabrication, installation of MS Gate(1.5x1.65)(as per TPSODL specification)	RM	18	7,300.12	131,402.16
27	Dismantling of existing LT Line 9 span/ 5 poles	Ls	1	12,679.70	12,679.70
28	Dismantling of existing HT Line 5 span/ 5 poles	Ls	1	8,032.25	8,032.25
					281,931.24
	Sub Total Rs.				2,244,868.65
IV	SERVICE CONNECTION(ADMINISTRATIVE BUILDING)				
1	3.5Core 50 sq. mm LT PVC cable(un armoured)	Mtr.	30	288.26	8,647.80
2	No. 8 SWG GI wire	Kg	3	106.50	319.50
3	200 Amp Kit Kat Fuse	No.	3	335.12	1,005.36
4	GI service connection Bracket	No.	1	383.40	383.40
5	Sundries	Ls	1	100.00	100.00
	A.Sub Total Rs.				10,456.06
B	Stock,storage and insurance (@3% on A)				313.68
C	TOTAL RS.				10,769.74
D	T&P @ 2% of C				215.39
E	Contingency @ 3% of C				323.09
F	Transportation @ 7.5% of C				807.73
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				1,076.97
H	TOTAL RS.				13,192.93
V	SERVICE CONNECTION(FOR EV CHARGING)				
1	3.5Core 50 sq. mm LT PVC cable(un armoured)	Mtr.	30	288.26	8,647.80
2	No. 8 SWG GI wire	Kg	3	106.50	319.50
3	200 Amp Kit Kat Fuse	No.	3	335.12	1,005.36
4	GI service connection Bracket	No.	1	383.40	383.40
5	Sundries	Ls	1	100.00	100.00
	A.Sub Total Rs.				10,456.06

B	Stock,storage and insurance (@3% on A)		313.68
C	TOTAL RS.		10,769.74
D	T&P @ 2% of C		215.39
E	Contingency @ 3% of C		323.09
F	Transportation @ 7.5% of C		807.73
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles		1,076.97
H	TOTAL RS.		13,192.93
	Sub Total Rs.		2,271,254.52
	Cess @ 1%		22,712.55
	Total Estimated Cost		2,293,967.06
	Total Estimated Cost in Figures		2,293,967.00
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)**