

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 6-F TYPE STAFF QUARTERS AT CHANDRAPUR POLICE STATION IN THE DISTRICT OF RAYAGADA.****BID REF NO.- 73/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 line with 55 sq. mm insulated covered conductor -0.15 Km and upgradation of Line from 55 sq. mm AAAC to Including 1 No. Tapping Pole 55 sq. mm insulated covered conductor -0.15 Km				
1	11 Mtr Long (160x152)mm WPB GI Pole (30.44 Kg/mtr)with base plate 300x300x12	No	1	34321.52	34321.52
2	9 Mtr. Long 300 Kg PSC Pole	No	4	4260.00	17040.00
3	Earthing Device coil type GI	No	5	235.72	1178.60
4	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	1.310	106.50	139.52
5	11 KV 'V' cross arm(10.2 Kg each)	No.	4	1150.20	4600.80
6	Back clamp for 11 KV V cross Arm	No.	4	113.60	454.40
7	11 KV F clamp 2.9 Kg each	No	4	340.80	1363.20
8	11 Kv pin insulator Polymer	No	18	284.00	5112.00
9	Disc insulator 45 KN (B&S) Polymer	No.	9	1221.20	10990.80
10	11 KV HW fitting (B&S)45 KN, 2 Bolt	No	9	369.20	3322.80
11	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 2 Nos, 9.56 Kg/Mtr.	Kg	82.8	92.30	7642.44
12	GI Nuts and Bolts of assorted size	Kg	6	110.76	664.56
13	1C x55 sq. mm XLPE Insulated covered conductor	Km	0.927	99740.00	92458.98
14	IPC for covered conductor	No.	9	550.00	4950.00
15	Dead end clamp suitable for 11 KV	No.	9	905.00	8145.00
16	Non metallic Ties 11 KV	No.	27	286.00	7722.00
17	Danger Board	No	5	113.60	568.00
18	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	15	113.60	1704.00

19	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	1.53	106.50	162.95
20	Back clamp for barbed wire anticlimbing device 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	6.1	106.50	649.65
21	HT stay set (Complete)	No.	2	1491.00	2982.00
22	HT stay Insulator, Type-C	No.	2	71.00	142.00
23	Stay clamp(1.9 Kg/Pair)	pair	2	177.50	355.00
24	7/10 SWG GI Stay wire, grade-2	Kg	20	106.50	2130.00
25	Sundries(Pole Numbering, Zebra painting, Binding wire and other accessories)	Ls	1	1000.00	1000.00
	Total Rs.				209800.21
PART-II	Installation of 100 KVA 11/0.4KV sub station - 1 No. and Renovation of existing 100 KVA S/S.				
30	11 Mtr Long (160x152)mm WPB GI Pole (30.44 Kg/mtr)with base plate 300x300x12	No	2	34321.52	68643.04
31	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	106.50	5486.88
32	Transformer mounting GI channel 100x50x5 mm-2.8 Mtr. Long,2 Nos.(9.56 Kg/mtr)	K.g	51.52	106.50	5486.88
33	AB switch & HG Fuse mounting GI channel(75x40x6)mm,each 2.8mtr long, 4 Nos. (6.8 Kg/mtr)	K.g	76.2	106.50	8115.30
34	Transformer Belting Angle(50x50x6)mm,each 2.8mtr long with side Angle @4.5 Kg/mtr	K.g	31.5	106.50	3354.75
35	LT DB Mounting Angle 50x50x6 mm of 4.5 Kg/mtr.	Kg	13.5	106.50	1437.75
36	11KV AB switch 3 pole(400 Amp, 50 Hz, Horizontal type)	Set	2	16827.00	33654.00
37	11KV HG fuse 3 pole(400 Amp, 3 pole, 50 Hz)with PI	Set	2	16372.00	32744.00
38	11 KV LA(9 KV, 10 KA)DH class	No.	6	1420.00	8520.00
39	Disc insulator 45 KN (B&S) Polymer	No.	3	1221.20	3663.60
40	11 KV HW fitting (B&S)45 KN	No	3	184.60	553.80
41	HT stay set (Complete)REC Construction standard	No.	4	1491.00	5964.00
42	HT stay Insulator, Type-C	No.	4	71.00	284.00
43	Stay clamp(1.9 Kg/Pair)	pair	4	177.50	710.00
44	7/10 SWG GI Stay wire, grade-2	Kg	40	106.50	4260.00
45	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	14	1491.00	20874.00
46	25x6 mm GI flat for earthing	Kg	140	106.50	14910.00
47	LT Distribution box with MCCB, Aluminium Bus bar for 2 bay with Kitkat Fuse for 100 KVA S/S(FOR NEW & OLD TRANSFORMER)	No	2	34674.98	69349.97
48	100 KVA, 11/0.4 KV (AL) Transformer with Tap changer BIS Energy Level-II	No	1	166140.00	166140.00

49	GI Nuts, Bolts and washers of assorted size	Kg	25	110.76	2769.00
50	55 sq. mm AAAC	Km	0.1	42600.00	4260.00
51	150 sq. mm 1 core LT XLPE Cable(armoured)(From Transformer LT Bushing to LTDB I/C and LTDB O/G to Zero Pole)	Mtr.	80	298.20	23856.00
52	Earthing Device coil type GI	No	4	235.72	942.88
53	No.6 GI wire	Kg	1.048	106.50	111.61
54	Danger Board	No.	4	113.60	454.41
56	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.2036	106.50	128.18
57	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	12	113.60	1363.20
58	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	4.8144	106.50	512.73
59	Sundries(Pole Numbering, Zebra painting, Binding wire and other acessories)	Ls	1	2000.00	2000.00
	Total Rs.				490,549.98
PART-III	LT LINE-0.28 Km(4x50+1x50+1x16) sq. mm AB Cable				
60	8 Mtr. Long 200 KG PSC Pole	No	7	2840.00	19880.00
61	4x50+1x50+1x16 sqmm AB Cable	Mtr.	294.00	206.22	60628.68
62	Pole clamp for eye Hook for AB cable	No	9	284.00	2556.00
63	Dead end clamp suitable for XLPE cable	No	4	92.30	369.19
64	Eye hook for AB Dead End cable	No.	4	85.20	340.81
65	Suspension clamp with I Hook for ABC	No.	5	482.80	2414.00
66	L.T Stay set (Complete)	Set	4	738.40	2953.60
67	L.T Stay Insulator	No.	4	42.60	170.40
68	L.T Stay Clamp(1.4 K.g/Pair)	Pair	4	156.20	624.80
69	7/12 SWG Stay Wire	Kg	32	106.50	3408.00
70	Base plate for support	No.	7	408.00	2856.00
71	GI Nuts and Bolts of assorted size	Kg	6	110.76	664.56
72	Earthing device coil type(GI)	No	7	235.72	1650.04
73	No. 6 GI wire for earthing	Kg	1.834	106.50	195.32
74	Insulated piercing connector.Type-A-main 16 to 95 sq.mm to Tap-16 to 95 to 10 sq.mm	No	7	113.60	795.21
75	Insulated piercing connector.Type-B-main 16 to 95 sq.mm to Tap-2.5 to 10 sq.mm	No	7	56.80	397.58
76	Danger Board	No.	7	113.60	795.20
77	GI clamp for Danger Board GI Flat (25x3 @ 0.6 Kg/Mtr.)510 mm Length(0.306 Kg/piece)	Kg	2.1063	106.50	224.32
78	Sundries(Zebra painting, Piercing connector, Insulation Tape and other acessories)	Ls	1	1000.00	1000.00
	Total Rs.				101,923.71
	A.Sub Total Rs.				802,273.91
B	Stock,storage and insurance (@3% on A)				24068.22
C	TOTAL RS.				826342.12
D	T&P @ 2% of C				16526.84

E	Contingency @ 3% of C				24790.26
F	Transportation @ 7.5% of C				61975.66
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				72578.08
H	TOTAL RS.				1002212.97
79	Cement concrete for Stud/Stay Anchor Plate with (1:2:4),0.2 cum @6177.92	Nos.	10	1329.77	13297.70
80	Couping of poles in ratio 1:1:5:3, 0.1125 cum @6400	Nos.	14	748.00	10472.00
81	Concreting of PSC poles in ratio 1:1:5:3=0.375 cum @6400	Nos.	11	2493.98	27433.78
69	Concreting of WPB Poles in ratio 1:1:5:3=0.45 cum @6400	Nos.	3	2991.98	8975.94
82	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	14	1600.00	22400.00
83	Brick Boundary wall with gate	Mtr.	24	7300.12	175202.8475
					257782.27
	Sub Total Rs.				1,259,995.23
	Cess @ 1%				12,599.95
	Total Estimated Cost				1,272,595.19
	Total Estimated Cost in Figures				1,272,595.00
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)**