

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 10-F TYPE STAFF QUARTERS AT RAYAGADA FIRE STATION IN THE DISTRICT OF RAYAGADA.****BID REF NO.-63/PM/ELECT/OPHWC/2025-26**

NAME & ADDRESS OF THE FIRM	
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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 AAAC-0.01 Km Including 1 No. Tapping Pole				
1	11 Mtr Long (160x152)mm WPB GI Pole (30.44 Kg/mtr)with base plate 300x300x12	No	1	34,321.52	34,321.52
2	Earthing Device coil type GI	No	1	235.72	235.72
3	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.262	106.50	27.90
4	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1,150.20	1,150.20
5	Back clamp for 11 KV V cross Arm	No.	1	113.60	113.60
6	11 KV F clamp 2.9 Kg each	No	1	340.80	340.80
7	11 Kv pin insulator Polymer	No	5	284.00	1,420.00
8	Disc insulator 45 KN (B&S) Polymer	No.	3	1,221.20	3,663.60
9	11 KV HW fitting (B&S)45 KN, 2 Bolt	No	3	369.20	1,107.60
10	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 2 Nos, 9.56 Kg/Mtr.	Kg	27.6	92.30	2,547.48
11	GI Nuts and Bolts of assorted size	Kg	2	110.76	221.52
12	55 sq. mm AAAC	Km	0.0309	42,600.00	1,316.34
13	Danger Board	No	1	113.60	113.60
14	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.306	106.50	32.59
15	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	113.60	340.80
16	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	1.22	106.50	129.93

17	PG clamp for 55 sq. mm AAAC	Nos.	6	681.60	4,089.60
18	Sundries(Pole Numbering, Zebra painting, Binding wire and other accessories)	Ls	1	500.00	500.00
	Total Rs.				51,672.80
PART-II	Installation of 100 KVA 11/0.4KV sub station - 1 No.				
19	11 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr)	No	2	34,321.52	68,643.04
20	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	106.50	5,486.88
21	Transformer mounting GI channel 100x50x5 mm-2.8 Mtr. Long,2 Nos.(9.56 Kg/mtr)	K.g	51.52	106.50	5,486.88
22	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	8,115.30
23	Transformer Belting Angle(50x50x6)mm,each 2.8mtr long with side Angle @4.5 Kg/mtr	K.g	31.5	106.50	3,354.75
24	LT DB Mounting Angle 50x50x6 mm of 4.5 Kg/mtr.	Kg	13.5	106.50	1,437.75
25	11KV AB switch 3 pole(400 Amp, 50 Hz, Horizontal type)	Set	1	16,827.00	16,827.00
26	11KV HG fuse 3 pole(400 Amp, 3 pole, 50 Hz)with PI	Set	1	16,372.00	16,372.00
27	11 KV LA(9 KV, 10 KA)DH class	No.	3	1,420.00	4,260.00
28	Disc insulator 45 KN (B&S) Polymer	No.	3	1,221.20	3,663.60
29	11 KV HW fitting (B&S)45 KN	No	3	184.60	553.80
30	HT stay set (Complete)REC Construction standard	No.	4	1,491.00	5,964.00
31	HT stay Insulator, Type-C	No.	4	71.00	284.00
32	Stay clamp(1.9 Kg/Pair)	pair	4	177.50	710.00
33	7/10 SWG GI Stay wire, grade-2	Kg	40	106.50	4,260.00
34	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1,491.00	10,437.00
35	25x6 mm GI flat for earthing	Kg	70	106.50	7,455.00
36	LT Distribution box with MCCB, Aluminium Bus bar for 2 bay with Kitkat Fuse for 100 KVA S/S	No	1	34,674.98	34,674.98
37	100 KVA, 11/0.4 KV (AL) Transformer with Tap changer BIS Energy Level-II	No	1	166,140.00	166,140.00
38	GI Nuts, Bolts and washers of assorted size	Kg	25	110.76	2,769.00
39	55 sq. mm AAAC	Km	0.05	42,600.00	2,130.00
40	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.	40	298.20	11,928.00
41	Earthing Device coil type GI	No	2	235.72	471.44
42	No.6 GI wire	Kg	0.524	106.50	55.81
43	Danger Board	No.	2	113.60	227.20
44	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	0.6018	106.50	64.09

45	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
46	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.2036	106.50	128.18
47	Sundries(Pole Numbering, Zebra painting, Binding wire and other acessories)	Ls	1	2,000.00	2,000.00
	Total Rs.				384,581.31
PART-III	LT LINE-0.25 Km(4x50+1x50+1x16) sq. mm AB Cable				
48	9 Mtr. Long 300 KG PSC Pole	No	8	4,260.00	34,080.00
49	4x50+1x50+1x16 sqmm AB Cable	Mtr.	262.50	206.22	54,132.75
50	Pole clamp for eye Hook for AB cable	No	11	284.00	3,124.00
51	Dead end clamp suitable for XLPE cable	No	8	92.30	738.37
52	Eye hook for AB Dead End cable	No.	8	85.20	681.63
53	Suspension clamp with I Hook for ABC	No.	3	482.80	1,448.40
54	L.T Stay set (Complete)	Set	6	738.40	4,430.40
55	L.T Stay Insulator	No.	6	42.60	255.60
56	L.T Stay Clamp(1.4 K.g/Pair)	Pair	6	156.20	937.20
57	7/12 SWG Stay Wire	Kg	48	106.50	5,112.00
58	Base plate for support	No.	8	408.00	3,264.00
59	GI Nuts and Bolts of assorted size	Kg	6	110.76	664.56
60	Earthing device coil type(GI)	No	8	235.72	1,885.76
61	No. 6 GI wire for earthing	Kg	2.096	106.50	223.22
62	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
63	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
64	Danger Board	No.	8	113.60	908.80
65	GI clamp for Danger Board GI Flat (25x3 @ 0.6 Kg/Mtr.)510 mm Length(0.306 Kg/piece)	Kg	2.4072	106.50	256.37
66	Sundries(Zebra painting, Piercing connector, Insulation Tape and other acessories)	Ls	1	1,000.00	1,000.00
	Total Rs.				114,335.85
A	Sub Total Rs.				550,589.96
B	Stock,storage and insurance (@3% on A)				16,517.70
C	TOTAL RS.				567,107.66
D	T&P @ 2% of C				11,342.15
E	Contingency @ 3% of C				17,013.23
F	Transportation @ 7.5% of C				42,533.07
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				46,362.12
H	TOTAL RS.				684,358.24

67	Cement concrete for Stud/Stay Anchor Plate with (1:2:4),0.2 cum @6177.92	Nos.	10	1,329.77	13,297.70
68	Couping of poles in ratio 1:1:5:3, 0.1125 cum @6400	Nos.	8	748.00	5,984.00
69	Concreting of WPB Poles in ratio 1:1:5:3=0.45 cum @6400	Nos.	3	2,991.98	8,975.95
70	Concreting of PSC poles in ratio 1:1:5:3=0.375 cum @6400	Nos.	8	2,493.32	19,946.58
71	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1,600.00	11,200.00
72	Brick Boundary wall	Mtr.	12	7,300.12	87,601.42
					147,005.65
73	Dismantling charges of 16 KVA Tfr.	No.	1	1,380.92	1,380.92
74	Dismantling charges of HT Pole	Nos.	1	920.61	920.61
75	Dismantling charges of HT Line	Mtr.	40	6.44	257.60
76	Dismantling charges of LT AB Cable	Mtr.	35	23.02	805.70
					3,364.83
	Sub Total Rs.				834,728.71
	Cess @ 1%				8,347.29
	Total Estimated Cost				843,076.00
	Total Estimated Cost in Figures				843,076.00
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)**