

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 :- 13 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO1-E+8-F TYPE STAFF QUARTERS AT KASHIPUR FIRE STATION IN THE DISTRICT OF RAYAGADA.****BID REF NO.- 69/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-1.25 Km Including 1 No. Tapping Pole				
1	9 Mtr. Long 300 Kg PSC Pole	No	32	4260.00	136320.00
2	8 Mtr. Long 200 Kg PSC Pole	No	1	2840.00	2840.00
3	Back clamp for stud pole	No	2	177.50	355.00
4	Earthing Device coil type GI	No	32	235.72	7543.05
5	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	8.384	106.50	892.90
6	11 KV 'V' cross arm(10.2 Kg each)	No.	30	1150.20	34506.00
7	Back clamp for 11 KV V cross Arm	No.	30	113.60	3408.00
8	11 KV F clamp 2.9 Kg each	No	30	340.80	10224.00
9	11 Kv pin insulator Polymer	No	96	284.00	27264.00
10	Disc insulator 45 KN (B&S) Polymer	No.	15	1221.20	18318.00
11	11 KV HW fitting (B&S)45 KN, 2 Bolt	No	15	369.20	5538.00
12	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
13	GI Nuts and Bolts of assorted size	Kg	48	110.76	5316.48
14	HT stay set (Complete)	No.	15	1491.00	22365.00
15	HT stay Insulator, Type-C	No.	15	71.00	1065.00
16	Stay clamp(1.9 Kg/Pair)	pair	15	177.50	2662.50
17	7/10 SWG GI Stay wire, grade-2	Kg	150	106.50	15975.00
18	55 sq. mm AAAC	Km	3.8625	42600.00	164542.50
19	Danger Board	No	32	113.60	3635.20
20	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	96	113.60	10905.60

21	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	9.792	106.50	1042.85
22	Back clamp for barbed wire anticlimbing device 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	39.04	106.50	4157.76
23	PG clamp for 55 sq. mm AAAC	Nos.	12	681.60	8179.20
24	75x40x6 mm MS channel 1.5 Mtr. Long for providing support for guarding at 1 No. of Road crossing.	Kg	40.8	106.50	4345.20
25	8 SWG GI Wire(Dia 4.6 mm) for cross lacing 12 Kg for each Road X-ing	Kg	12	106.50	1278.00
26	40 mm Nominal bore GI Pipe Medium gauge earthing device 3 mtrs long	No	2	1491.00	2982.00
27	Eye Hook	Ls	4	85.20	340.80
28	GI Flat (25x6)mm @ 1.2 Kg/Mtr. 1 Nos. at both sides of Road crossing Guarding	Kg	20	106.50	2130.00
29	Sundries(Pole Numbering, Zebra painting, Binding wire and other accessories)	Ls	1	500.00	500.00
	Total Rs.				506274.47
PART-II	Installation of 100 KVA 11/0.4KV sub station - 1 No.				
30	9 Mtr. Long 300 Kg PSC Pole	No	2	4260.00	8520.00
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	1	16827.00	16827.00
37	11KV HG fuse 3 pole(400 Amp, 3 pole, 50 Hz)with PI	Set	1	16372.00	16372.00
38	11 KV LA(9 KV, 10 KA)DH class	No.	3	1420.00	4260.00
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	7	1491.00	10437.00

46	25x6 mm GI flat for earthing	Kg	70	106.50	7455.00
47	LT Distribution box with MCCB, Aluminium Bus bar for 2 bay with Kitkat Fuse for 100 KVA S/S	No	1	34674.98	34674.98
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	0.05	42600.00	2130.00
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.	40	298.20	11928.00
52	Earthing Device coil type GI	No	2	235.72	471.44
53	No.6 GI wire	Kg	0.524	106.50	55.81
54	Danger Board	No.	2	113.60	227.20
55	Base plate for support	No.	1	408.00	408.00
56	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
57	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
58	Back clamp for barbed wire anticlimbing device 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	1.2036	106.50	128.18
59	Sundries(Pole Numbering, Zebra painting, Binding wire and other accessories)	Ls	1	2000.00	2000.00
	Total Rs.				324,866.27
PART-III	LT LINE-0.08 Km(4x50+1x50+1x16) sq. mm AB Cable				
60	8 Mtr. Long 200 KG PSC Pole	No	3	2840.00	8520.00
61	4x50+1x50+1x16 sqmm AB Cable	Mtr.	84.00	206.22	17322.48
62	Pole clamp for eye Hook for AB cable	No	4	284.00	1136.00
63	Dead end clamp suitable for XLPE cable	No	2	92.30	184.59
64	Eye hook for AB Dead End cable	No.	2	85.20	170.41
65	Suspension clamp with I Hook for ABC	No.	2	482.80	965.60
66	L.T Stay set (Complete)	Set	1	738.40	738.40
67	L.T Stay Insulator	No.	1	42.60	42.60
68	L.T Stay Clamp(1.4 K.g/Pair)	Pair	1	156.20	156.20
69	7/12 SWG Stay Wire	Kg	8	106.50	852.00
70	Base plate for support	No.	3	408.00	1224.00
71	GI Nuts and Bolts of assorted size	Kg	2	110.76	221.52
72	Earthing device coil type(GI)	No	3	235.72	707.16
73	No. 6 GI wire for earthing	Kg	0.786	106.50	83.71
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.	3	113.60	340.80
77	GI clamp for Danger Board GI Flat (25x3 @ 0.6 Kg/Mtr.)510 mm Length(0.306 Kg/piece)	Kg	0.9027	106.50	96.14

78	Sundries(Zebra painting, Piercing connector, Insulation Tape and other accessories)	Ls	1	1000.00	1000.00
	Total Rs.				34,954.39
	A.Sub Total Rs.				866,095.14
B	Stock,storage and insurance (@3% on A)				25982.85
C	TOTAL RS.				892077.99
D	T&P @ 2% of C				17841.56
E	Contingency @ 3% of C				26762.34
F	Transportation @ 7.5% of C				66905.85
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				96740.19
H	TOTAL RS.				1100327.93
79	Cement concrete for Stud/Stay Anchor Plate with (1:2:4),0.2 cum @6177.92	Nos.	21	1329.77	27925.17
80	Couping of poles in ratio 1:1:5:3, 0.1125 cum @6400	Nos.	37	748.00	27676.00
81	Concreting of PSC poles in ratio 1:1:5:3=0.375 cum @6400	Nos.	37	2493.98	92277.26
82	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	9	1600.00	14400.00
83	Brick Boundary wall with Gate	Mtr.	12	7300.12	87601.42373
					249879.85
84	Dismantling charges of 25 KVA Transformer	No.	1	1534.35	1534.35
85	Dismantling charges of 55 sq. mm AAAC	Mtr.	30	6.44	193.2
					1727.55
	Sub Total Rs.				1,351,935.33
	Cess @ 1%				13,519.35
	Total Estimated Cost				1,365,454.69
	Total Estimated Cost in Figures				1,365,455.00
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)**