

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 :- 10 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 1-E+8-F TYPE STAFF QUARTERS AT KOLNARA 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-0.01 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	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	1150.20	1150.20
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	1420.00
8	Disc insulator 45 KN (B&S) Polymer	No.	3	1221.20	3663.60
9	11 KV HW fitting (B&S)45 KN, 2 Bolt	No	3	369.20	1107.60
10	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 2 Nos, 9.56 Kg/Mtr.	Kg	27.6	92.30	2547.48
11	GI Nuts and Bolts of assorted size	Kg	2	110.76	221.52
12	55 sq. mm AAAC	Km	0.0309	42600.00	1316.34
13	Danger Board	No	1	113.60	113.60
14	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	113.60	340.80
15	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

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	4089.60
18	Sundries(Pole Numbering, Zebra painting, Binding wire and other acessories)	Ls	1	500.00	500.00
	Total Rs.				51672.80
PART-II	Installation of 63 KVA 11/0.4KV sub station - 1 No.				
19	11 Mtr Long (160x152)mm WPB GI Pole (30.44 Kg/mtr)with base plate 300x300x12	No	2	34321.52	68643.04
20	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	106.50	5486.88
21	Transformer mounting GI channel 100x50x5 mm-2.8 Mtr. Long,2 Nos.(9.56 Kg/mtr)	K.g	51.52	106.50	5486.88
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	8115.30
23	Transformer Belting Angle(50x50x6)mm,each 2.8mtr long with side Angle @4.5 Kg/mtr	K.g	31.5	106.50	3354.75
24	LT DB Mounting Angle 50x50x6 mm of 4.5 Kg/mtr.	Kg	13.5	106.50	1437.75
25	11KV AB switch 3 pole(400 Amp, 50 Hz, Horizontal type)	Set	1	16827.00	16827.00
26	11KV HG fuse 3 pole(400 Amp, 3 pole, 50 Hz)with PI	Set	1	16372.00	16372.00
27	11 KV LA(9 KV, 10 KA)DH class	No.	3	1420.00	4260.00
28	Disc insulator 45 KN (B&S) Polymer	No.	3	1221.20	3663.60
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	1491.00	5964.00
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	4260.00
34	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1491.00	10437.00
35	25x6 mm GI flat for earthing	Kg	70	106.50	7455.00
36	LT Distribution box with MCCB, Aluminium Bus bar for single bay with Kitkat Fuse for 63 KVA S/S	No	1	26017.24	26017.24
37	63 KVA, 11/0.4 KV (AL) Transformer with Tap changer BIS Energy Level-II	No	1	122830.00	122830.00
38	GI Nuts, Bolts and washers of assorted size	Kg	25	110.76	2769.00
39	55 sq. mm AAAC	Km	0.05	42600.00	2130.00

40	1Cx95 sq. mm LT XLPE Cable(Armoured)	Mtr.	40	208.74	8349.60
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 ech 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	2000.00	2000.00
	Total Rs.				329,035.17
PART-III	LT LINE-0.12 Km(4x50+1x50+1x16) sq. mm AB Cable				
48	8 Mtr. Long 200 KG PSC Pole	No	5	2840.00	14200.00
49	4x50+1x50+1x16 sqmm AB Cable	Mtr.	126.00	206.22	25983.72
50	Pole clamp for eye Hook for AB cable	No	6	284.00	1704.00
51	Dead end clamp suitable for XLPE cable	No	2	92.30	184.59
52	Eye hook for AB Dead End cable	No.	2	85.20	170.41
53	Suspension clamp with I Hook for ABC	No.	4	482.80	1931.20
54	L.T Stay set (Complete)	Set	4	738.40	2953.60
55	L.T Stay Insulator	No.	4	42.60	170.40
56	L.T Stay Clamp(1.4 K.g/Pair)	Pair	4	156.20	624.80
57	7/12 SWG Stay Wire	Kg	32	106.50	3408.00
58	Base plate for support	No.	5	408.00	2040.00
59	GI Nuts and Bolts of assorted size	Kg	6	110.76	664.56
60	Earthing device coil type(GI)	No	5	235.72	1178.60
61	No. 6 GI wire for earthing	Kg	1.31	106.50	139.52
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.	5	113.60	568.00
65	GI clamp for Danger Board GI Flat (25x3 @ 0.6 Kg/Mtr.)510 mm Length(0.306 Kg/piece)	Kg	1.5045	106.50	160.23
66	Sundries(Zebra painting, Piercing connector, Insulation Tape and other acessories)	Ls	1	1000.00	1000.00
	Total Rs.				58,274.41
	A.Sub Total Rs.				438,982.38
B	Stock,storage and insurance (@3% on A)				13169.47
C	TOTAL RS.				452151.85

D	T&P @ 2% of C				9043.04
E	Contingency @ 3% of C				13564.56
F	Transportation @ 7.5% of C				33911.39
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				35049.43
H	TOTAL RS.				543720.26
67	Cement concrete for Stud/Stay Anchor Plate with (1:2:4),0.2 cum @6177.92	Nos.	8	1329.77	10638.16
68	Couping of poles in ratio 1:1:5:3, 0.1125 cum @6400	Nos.	8	748.00	5984.00
69	Concreting of WPB Poles in ratio 1:1:5:3=0.45 cum @6400	Nos.	3	2991.98	8975.94
70	Concreting of PSC poles in ratio 1:1:5:3=0.375 cum @6400	Nos.	5	2493.98	12469.90
71	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1600.00	11200.00
72	Brick Boundary wall with Gate	Mtr.	12	7300.12	87601.42373
					136869.42
	Sub Total Rs.				680,589.69
	Cess @ 1%				6,805.90
	Total Estimated Cost				687,395.58
	Total Estimated Cost in Figures				687,396.00
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)