

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 /www.ophwc.nic.in****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 4-F+6-E TYPE QUARTERS AT RESERVE OFFICE, BOUDH & 6-F TYPE QUARTERS AT BOUDH POLICE STATION IN THE DISTRICT OF BOUDH.****BID REF NO.- 71/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-A				
PART-I	3 phase 3W 11 KV line with 55 sq. mm AAAC -0.6 Km alongwith 12 Nos. pin point & 3 Nos. cut point.				
1	11 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr)	No	15	34321.52	514822.80
2	Earthing Device coil type GI	No	15	225.76	3386.40
3	No.8 GI wire(dia 4.6 mm)0.131 Kg/Mtr.,2 Mtr. For connecting pole with coil earthing	Kg	3.930	102.00	400.86
4	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 4 Nos, & 0.2 Mtr. Long 4 Nos.(2 Nos. tapping point)	Kg	180.32	102.00	18392.64
5	11 KV 'V' cross arm(10.2 Kg each)GI	No.	12	1240.32	14883.84
6	GI Back clamp for 11 KV V Cross Arm	No.	12	108.80	1305.60
7	11 KV F clamp 2.9 Kg each	No	12	365.84	4390.08
8	11 KV Pin insulator Polymer	No	48	272.00	13056.00
9	55 sq. mm AAAC	Km	1.854	40800.00	75643.20
10	PG clamp for 55 sq. mm AAAC	No	21	652.80	13708.80
11	Fish Plate 50x8 mm,3.14 Kg/Mtr.,each 0.280 mtr. Length	Kg	18.463	102.00	1883.23
12	Disc insulator 45 KN (B&S) Polymer	No.	21	1169.60	24561.60
13	11 KV HW fitting (B&S)2 Bolted	No	21	353.60	7425.60
14	HT stay set complete	No.	7	1428.00	9996.00
15	11KV stay insulator	No.	7	68.00	476.00
16	7/10 SWG stay wire	Kg	70	102.00	7140.00
17	HT stay clamp (1.9 Kg/Pair)	pair	7	170.00	1190.00
18	GI Nuts, Bolts and washers of assorted size	Kg	24	106.10	2546.40
19	Danger Board	No	15	108.80	1632.00

20	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	4.51	102.00	460.02
21	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	45	108.80	4896.00
22	Back clamp for barbed wire anticlimbing device 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	18.054	102.00	1841.51
23	75x40x6 mm GI channel 3 Mtr. Long 4 Nos. @6.8 Kg/Mtr. For providing support for 2 Nos. Road crossing guarding	Kg	81.6	102.00	8323.20
24	No.6 & No. 8 GI wire for Road crossing guarding	Kg	40	102.00	4080.00
25	GI pipe earthing 40 mm dia medium gauge,3 Mtr. Long	No	4	1428.00	5712.00
26	50x6 mm GI flat for earthing	Kg	47.2	102.00	4814.40
27	Eye Hook for Guarding	No	8	81.60	652.80
28	Sundries (clamp, connectors,Binding tape etc.)	LS	1	1000.00	1000.00
					748620.97
PART-II	Installation of 100 KVA 11/0.4KV sub station -1 No.				
29	11 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr)	No	2	34321.52	68643.04
30	Earthing Device coil type GI	No	2	225.76	451.52
31	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.524	102.00	53.45
32	Top Pressure GI Channel 100x50x6mm channel each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	102.00	5255.04
33	AB switch GI mounting channel(100x50x6)mm,(9.2 Kg/mtr)	K.g	51.52	102.00	5255.04
34	AB Switch & HG fuse GI mounting channel(75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	102.00	7768.32
35	Cantilever GI channel for supporting AB switch Arm 75x40x6mm.-1 Mtr. Long ,2 Nos.(6.8kg./mtr.)	Kg.	13.6	102.00	1387.20
36	Cantilever GI Angle for supporting AB switch 50x50x6 mm ,1 Mtr. Long 2 Nos. @ 4.5 kg./mtr.)	Kg.	9	102.00	918.00
37	Transformer Belting GI Angle 50x50x6 mm ,2.8 Mtr. Long ,2 Nos.(4.5 Kg/Mtr.)with side angle Total 7 Mtr.	Kg.	31.5	102.00	3213.00
38	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr. .	Kg.	9	102.00	918.00

39	AB switch side support channel 100x50x6 mm ,9.2 Kg/Mtr.,each channel length 0.35 Mtr.,2 Nos required	Kg.	6.44	102.00	656.88
40	Channel support for down pipe 75x40x6 mm ,6.8 Kg/Mtr., each channel length 0.8 Mtr., 1 No. required.	K.g	5.44	102.00	554.88
41	Disc insulator 45 KN (B&S) Polymer	No.	3	1169.60	3508.80
42	11 KV HW fitting (B&S)45 KN(2 bolted)	No	3	353.60	1060.80
43	11KV AB switch 3 pole(200 Amp, 50 Hz)	Set	1	9996.00	9996.00
44	11KV HG fuse 3 pole(200 Amp)with PI	Set	1	8323.20	8323.20
45	11 KV LA(9 KV, 10 KA)	No.	3	1360.00	4080.00
46	HT stay set (Complete)REC Construction standard	No.	4	1428.00	5712.00
47	HT stay Insulator, Type-C	No.	4	68.00	272.00
48	Stay clamp(1.9 Kg/Pair)	pair	4	170.00	680.00
49	7/10 SWG GI Saty wire, grade-2	Kg	40	102.00	4080.00
50	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1428.00	9996.00
51	25x6 mm GI flat(Neutral)	Kg	10	102.00	1020.00
52	25x4 mm GI flat	Kg	60	102.00	6120.00
53	55 sq. mm AAAC for jumpering	kM	0.05	40800.00	2040.00
54	PG clamp for 55 sq. mm AAAC	Nos.	3	652.80	1958.40
55	GI Nuts, Bolts and washers of assorted size	Kg	25	106.08	2652.00
56	100 KVA, 11/0.4 KV (AL) Transformer with Tap changer BIS Energy Level-II	No	1	159120.00	159120.00
57	LT Distribution box with MCCB, Aluminium Bus bar for 2 bay with Kitkat Fuse for 100 KVA S/S	No	1	33209.84	33209.84
58	185 sq. mm 1 core LT XLPE Cable(Armoured)	Mtr.	60	348.20	20892.00
59	Danger Board	No.	2	108.80	217.60
60	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6018	102.00	61.38
61	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	108.80	652.80
62	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.407	102.00	245.51
63	Sundries (clamp connector, jumpering materials, paint etc.)	LS	1	1000.00	1000.00
	A.Sub Total Rs.				371,972.71
PART-III	Construction of LT 3ph 5 W line using 3x50+1x35+1x16 sqmm XLPE AB Cable=0.35 Km				
64	9 Mtr Long 300 KG PSC Pole	No	11	4080.00	44880.00
65	RCC Base Plate	No	11	361.34	3974.74
66	Earthing Device coil type GI	No	11	225.76	2483.36
67	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	2.882	102.00	293.96

68	Pole clamp for eye Hook for XLPE cable	No	18	272.00	4896.00
69	Dead end clamp suitable for XLPE cable	No	10	170.00	1700.00
70	Suspension clamp with I Hook	No.	8	462.40	3699.20
71	3x50+1x35+1x16 sqmm XLPE AB Cable	Km	0.37	190400.00	69972.00
72	L.T Stay set (Complete)	Set	9	707.20	6364.80
73	L.T Stay Insulator	No.	9	40.80	367.20
74	L.T Stay Clamp(1.4 K.g/Pair)	Pair	9	149.60	1346.40
75	7/12 SWG Stay Wire	Kg	72	102.00	7344.00
76	GI Nuts, Bolt and washer	Kg	6	106.08	636.48
77	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	33	108.80	3590.40
78	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	13.2396	102.00	1350.44
79	Danger Board	No.	11	108.80	1196.80
80	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. ,1No.	Kg	3.5099	102.00	358.01
81	Sundries (paint,clamp connectors, Binding tape)	LS	1	1000.00	1000.00
					155453.79
	A.Sub Total Rs.				1,276,047.47
B	Stock,storage and insurance (@3% on A)				38281.42
C	TOTAL RS.				1314328.90
D	T&P @ 2% of C				26286.58
E	Contigency @ 3% of C				39429.87
F	Transportation @ 7.5% of C				98574.67
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				97812.36
H	TOTAL RS.				1576432.37
82	Stay concreting in ratio(1:2:4)as per TPCODL specification and drawing =0.2 cum	Nos.	20	1235.58	24711.60
83	Concreting of Pole in ratio 1:1:5:3=0.375 cum	Nos.	11	2400.00	26400.00
84	Concreting of Pole in ratio 1:1:5:3(500x500x1800mm)=0.45 cum	Nos.	17	2880.00	48960.00
85	Couping with C.C 1:1:5:3,0.1125 cum @6400	Nos.	28	720.00	20160.00
86	Plinth for installation of 100 KVA DTR	Nos.	1	32181.60	32181.60
87	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)	Nos.	12	7300.12	87601.44

88	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	11	1600.00	17600.00
	Sub Total Rs.				1,834,047.01
	Cess @ 1%				18,340.47
	Total Estimated Cost				1,852,387.48
	Total Estimated Cost in Figures				1,852,387.00
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)