

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 :- 01 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 18-F+12-F TYPE QUARTERS AT 5TH IRBN., BOUDH IN THE DISTRICT OF BOUDH.****BID REF NO.-27/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 -0.05 Km				
1	11 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr)(including one interposing pole)	No	2	34321.52	68643.04
2	Earthing Device coil type GI	No	2	225.76	451.52
3	No.8 GI wire(dia 4.6 mm)0.131 Kg/Mtr.,2 Mtr. For connecting pole with coil earthing	Kg	0.524	102.00	53.45
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	51.52	102.00	5255.04
5	11 KV 'V' cross arm(10.2 Kg each)GI	No.	2	1240.32	2480.64
6	GI Back clamp for 11 KV V Cross Arm	No.	2	108.80	217.60
7	11 KV F clamp 2.9 Kg each	No	2	365.84	731.68
8	11 KV Pin insulator Polymer	No	12	272.00	3264.00
9	55 sq. mm AAAC	Km	0.1545	40800.00	6303.60
10	PG clamp for 80 sq. mm AAAC	No	9	652.80	5875.20
11	Fish Plate 50x8 mm,3.14 Kg/Mtr.,each 0.280 mtr. Length	Kg	7.913	102.00	807.13
12	Disc insulator 45 KN (B&S) Polymer	No.	9	1169.60	10526.40
13	11 KV HW fitting (B&S)2 Bolted	No	9	353.60	3182.40
14	HT stay set complete	No.	1	1428.00	1428.00
15	11KV stay insulator	No.	1	68.00	68.00
16	7/10 SWG stay wire	Kg	10	102.00	1020.00
17	HT stay clamp (1.9 Kg/Pair)	pair	1	170.00	170.00
18	GI Nuts, Bolts and washers of assorted size	Kg	7	106.10	742.70
19	Danger Board	No	2	108.80	217.60
20	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6	102.00	61.20
21	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	108.80	652.80
22	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	2.4072	102.00	245.53

23	Sundries (clamp, connectors, Binding tape etc.)	LS	1	500.00	500.00
					112897.53
PART-II	Installation of 250 KVA 11/0.4KV sub station -1 No.				
1	11 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr)	No	2	34321.52	68643.04
2	Earthing Device coil type GI	No	2	225.76	451.52
3	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
4	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	102.00	5255.04
5	DP Belting GI channel(75x40x6)mm,each 2.8mtr long 2 No(6.8Kg/mtr)	K.g	38.08	102.00	3884.16
6	GI Angle for cross bracing(100x50x6)mm,Angle each 3.5 mtr long 2 No(4.5 Kg/mtr)	K.g	31.5	102.00	3213.00
7	AB switch &HG fuse mounting GI channel(75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	102.00	7768.32
8	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
9	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
10	Cantilever GI Channel for supporting AB Switch Arm,75x40x6mm.-1 Mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	102.00	1387.20
11	Cantilever GI angle for supporting AB Switch & HG Fuse 50x50x6mm MS Angle 1.5 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	18	102.00	1836.00
12	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
13	Disc insulator 70 KN (B&S) Polymer	No.	3	1564.00	4692.00
14	11 KV HW fitting (B&S)70 KN	No	3	476.00	1428.00
15	PG clamp for 55 sq. mm AAAC	Nos.	6	652.80	3916.80
16	Fish Plate 50x8 mm,3.14 Kg/Mtr.,each 0.280 mtr. Length	Kg	3.9648	102.00	404.41
17	11KV AB switch 3 pole(400 Amp, 50 Hz)	Set	1	16116.00	16116.00
18	11KV HG fuse 3 pole(400 Amp)with PI	Set	1	15680.80	15680.80
19	11 KV LA(9 KV, 10 KA)	No.	3	1360.00	4080.00
20	HT stay set (Complete)REC Construction standard	No.	4	1428.00	5712.00
21	HT stay Insulator, Type-C	No.	4	68.00	272.00
22	Stay clamp(1.9 Kg/Pair)	pair	4	170.00	680.00
23	7/10 SWG GI Saty wire, grade-2	Kg	40	102.00	4080.00
24	250 KVA, 11/0.4 KV (CU) Transformer with Tap changer BIS Energy Level-II	No	1	601213.06	601213.06
25	LT Distribution box with MCCB, Aluminium Bus bar for 3 bay with Kitkat Fuse for 250 KVA S/S	No	1	65280.00	65280.00
26	300 sq. mm 1 core LT XLPE Cable	Mtr.	40	519.52	20780.80

27	55 sq. mm AAAC for jumpering	kM	0.05	40800.00	2040.00
28	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1428.00	9996.00
29	25x6 mm GI flat(Neutral)	Kg	60	102.00	6120.00
30	25x4 mm GI flat	Kg	10	102.00	1020.00
31	GI Nuts, Bolts and washers of assorted size	Kg	25	106.08	2652.00
32	Danger Board	No.	2	108.80	217.60
33	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
34	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	108.80	652.80
35	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
36	Sundries (clamp connector, jumpering materials, paint etc.)	LS	1	1000.00	1000.00
	A.Sub Total Rs.				862,962.66
PART-III	Construction of LT 3ph 5 W line using 3x95+1x70+1x16 sqmm XLPE AB Cable=0.88 Km				
1	9 Mtr Long 300 KG PSC Pole	No	20	4080.00	81600.00
2	RCC Base Plate	No	20	361.34	7226.80
3	Earthing Device coil type GI	No	20	225.76	4515.20
4	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	5.24	102.00	534.48
5	Pole clamp for eye Hook for XLPE cable	No	32	272.00	8704.00
6	Dead end clamp suitable for XLPE cable	No	18	170.00	3060.00
7	Suspension clamp with I Hook	No.	14	462.40	6473.60
8	3x95+1x70+1x16 sqmm XLPE AB Cable	Km	0.92	330480.00	303628.50
9	L.T Stay set (Complete)	Set	12	707.20	8486.40
10	L.T Stay Insulator	No.	12	40.80	489.60
11	L.T Stay Clamp(1.4 K.g/Pair)	Pair	12	149.60	1795.20
12	7/12 SWG Stay Wire	Kg	96	102.00	9792.00
13	GI Nuts, Bolt and washer	Kg	10	106.08	1060.80
14	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	60	108.80	6528.00
15	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	24.07	102.00	2455.14
16	Danger Board	No.	20	108.80	2176.00
17	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. ,1No.	Kg	6.02	102.00	614.04
18	Sundries (paint,clamp connectors, Binding tape)	LS	1	1000.00	1000.00
					450139.76
	A.Sub Total Rs.				1,425,999.94
B	Stock,storage and insurance (@3% on A)				42780.00
C	TOTAL RS.				1468779.94
D	T&P @ 2% of C				29375.60
E	Contingency @ 3% of C				44063.40

F	Transportation @ 7.5% of C				110158.50
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				117249.31
H	TOTAL RS.				1769626.74
19	Stay concreting in ratio(1:2:4)as per TPCODL specification and drawing =0.2 cum	Nos.	17	1235.58	21004.86
20	Concreting of Pole in ratio 1:1:5:3(500x500x1800mm)=0.45 cum	Nos.	20	2400.00	48000.00
21	Concreting of Pole in ratio 1:1:5:3(500x500x1800mm)=0.45 cum	Nos.	4	2880.00	11520.00
22	Couping with C.C 1:1:5:3,0.1125 cum @6400	Nos.	24	720.00	17280.00
23	Plinth for installation of 250 KVA DTR	Nos.	1	32181.60	32181.60
24	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.	18	7300.12	131402.16
25	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1600.00	11200.00
	Sub Total Rs.				2,042,215.36
	Cess @ 1%				20,422.15
	Total Estimated Cost				2,062,637.52
	Total Estimated Cost in Figures				2,062,638.00
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)