

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 AMA BUS STAND AT KHAIRPUT IN THE DISTRICT OF MALKANGIRI.****BID REF NO.- 17/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-I	3 phase 3W 11 KV line with 70 sq. mm covered conductor-0.15 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	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1101.60	1101.60
3	Back clamp for 11 KV V cross Arm	No.	1	108.80	108.80
4	11 KV F clamp 2.9 Kg each	No	1	326.40	326.40
5	Disc insulator 45 KN (B&S) Polymer	No.	3	1169.60	3508.80
6	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 10 Nos, & 0.3 Mtr. Long 5 Nos.including tapping point	Kg	55.2	102.00	5630.40
7	Fish Plate 50x6 mm,2.36 Kg/Mtr.,each 0.280 mtr. Length	Kg	2.643	102.00	269.59
8	HT stay set complete	No.	1	1428.00	1428.00
9	11KV stay insulator Polymer	No.	1	68.00	68.00
10	7/10 SWG stay wire	Kg	10	102.00	1020.00
11	HT stay clamp (1.9 Kg/Pair)	pair	1	170.00	170.00
12	1CX70 sq. mm 11 KV XLPE insulated covered conductor	Km	0.4725	190000.00	89775.00
13	IPC for 11 KV conductor	No	3	371.00	1113.00
14	Dead end clamp	No	3	890.00	2670.00
15	Non metallic Ties 11 KV	No	6	286.00	1716.00
16	11 Kv pin insulator Polymer	No	6	272.00	1632.00
17	Earthing support coil type	No	1	225.76	225.76
18	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.262	102.00	26.72
19	Danger Board	No	1	108.80	108.80
20	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.301	102.00	30.70

21	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	108.80	326.40
22	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	1.204	102.00	122.81
23	GI Nuts and Bolts of assorted size	Kg	3	106.08	318.24
26	No.6/8 GI wire	Kg	30	102.00	3060.00
27	75x40x6 mm , Channel st. cross arm @ 6.8 Kg/Mtr.(3.23 Mtr. Long 4 Nos. Channels) with Galvanisation	Kg	87.04	102.00	8878.08
28	Eye Hook	Nos.	4	81.60	326.40
29	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	2	1428.00	2856.00
30	25x6 mm GI flat	Kg	24	102.00	2448.00
31	Sundries	Ls	1	500.00	500.00
	Total Rs.				164087.02
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	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
6	DP Belting GI channel(75x40x6)mm,each 2.8mtr long 2 No(6.8Kg/mtr)	K.g	38.08	102.00	3884.16
7	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
8	Cantilever GI Channel for supporting HG Fuse,75x40x6mm.-1 Mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	102.00	1387.20
9	Cantilever GI angle for supporting HG Fuse 50x50x6mm MS Angle 1.5 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	13.5	102.00	1377.00
10	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
11	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
12	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
13	Fish Plate 50x6 mm,2.36 Kg/Mtr.,each 0.280 mtr. Length	Kg	3.9648	102.00	404.41

14	Disc insulator 45 KN (B&S) Polymer	No.	3	1169.60	3508.80
15	11 KV HW fitting (B&S)45 KN	No	3	353.60	1060.80
16	11KV AB switch 3 pole(400 Amp, 50 Hz)	Set	1	16116.00	16116.00
17	11KV HG fuse 3 pole(400 Amp)with PI	Set	1	15680.80	15680.80
18	11 KV LA(9 KV, 10 KA)	No.	3	1360.00	4080.00
19	HT stay set (Complete)REC Construction standard	No.	4	1428.00	5712.00
20	HT stay Insulator, Type-C	No.	4	68.00	272.00
21	Stay clamp(1.9 Kg/Pair)	pair	4	170.00	680.00
22	7/10 SWG GI Saty wire, grade-2	Kg	40	102.00	4080.00
23	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1428.00	9996.00
24	25x6 mm GI flat(Neutral)	Kg	60	102.00	6120.00
25	25x4 mm GI flat	Kg	10	102.00	1020.00
26	55 sq. mm AAAC for jumpering	Km	0.05	40800.00	2040.00
27	PG clamp for 55 sq. mm AAAC	No	3	652.80	1958.40
28	GI Nuts, Bolts and washers of assorted size	Kg	25	106.08	2652.00
29	250 KVA, 11/0.4 KV (CU) Transformer with Tap changer BIS Energy Level-II	No	1	605000.00	605000.00
30	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
31	300 sq. mm 1 core LT XLPE Cable	Mtr.	40	519.52	20780.80
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.				862,781.80
PART-III	Construction of LT 3ph 5 W line using 4x95+1x95+1x16 sqmm XLPE AB Cable=0.03 Km				
1	9 Mtr Long 300 KG PSC Pole	No	1	4080.00	4080.00
2	RCC Base Plate	No	1	361.34	361.34
3	4x95+1x95+1x16 sqmm XLPE AB Cable	Mtr.	31.50	370.02	11655.63
4	L.T Stay set (Complete)	Set	1	707.20	707.20
5	L.T Stay Insulator	No.	1	40.80	40.80
6	L.T Stay Clamp(1.4 K.g/Pair)	Pair	1	149.60	149.60
7	7/12 SWG Stay Wire	Kg	8	102.00	816.00
8	Pole clamp for eye Hook for XLPE cable	No	2	272.00	544.00
9	Dead end clamp suitable for XLPE cable	No	2	170.00	340.00
10	Earthing Device coil type GI	No	1	225.76	225.76
11	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.262	102.00	26.72

12	GI Nuts, Bolt and washer	Kg	0.5	106.08	53.04
13	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	108.80	326.40
14	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.204	102.00	122.81
15	Danger Board	No.	1	108.80	108.80
16	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. ,1No.	Kg	0.301	102.00	30.70
17	Sundries (paint,clamp connectors, Binding tape)	LS	1	500.00	500.00
	A.Sub Total Rs.				20088.80
PART-IV	11 KV ROAD CROSSING DP-2 NOS.				
1	11 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr)	No	2	34321.52	68643.04
2	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	102.00	5255.04
3	Bracing Channel 75x40x6mm each 2.8 mtr long,2 Nos(6.8 K.g/mtr)	K.g	38.08	102.00	3884.16
4	Bracing Angle 50x50x6mm each 4.0 mtr long,2 Nos(4.5 K.g/mtr)	K.g	36	102.00	3672.00
5	Disc insulator 45 KN (B&S) Polymer	No.	6	1169.60	7017.60
6	IPC for 11 KV conductor	No	6	371.00	2226.00
7	Dead end clamp	No	6	890.00	5340.00
8	Non metallic Ties 11 KV	No	3	286.00	858.00
9	Fish Plate 50x6 mm,2.36 Kg/Mtr.,each 0.280 mtr. Length	Kg	3.965	102.00	404.43
10	11 Kv pin insulator Polymer	No	3	272.00	816.00
11	HT stay set complete	No.	4	1428.00	5712.00
12	11KV stay insulator Polymer	No.	4	68.00	272.00
13	7/10 SWG stay wire	Kg	40	102.00	4080.00
14	HT stay clamp (1.9 Kg/Pair)	pair	4	170.00	680.00
15	Earthing support coil type	No	2	225.76	451.52
16	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.52	102.00	53.04
17	Danger Board	No	2	108.80	217.60
18	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
19	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	108.80	652.80
20	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	2.41	102.00	245.82
21	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	1	1428.00	1428.00
22	GI Nuts and Bolts of assorted size	Kg	10	106.08	1060.80
25	25x6 mm GI Flat	Kg	12	102.00	1224.00
26	Sundries	Ls	1	1000.00	1000.00
	Total Rs.				115255.05

	FOR 2 NOS.				230510.10
	A.Sub Total Rs.				1,277,467.72
B	Stock,storage and insurance (@3% on A)				38324.03
C	TOTAL RS.				1315791.75
D	T&P @ 2% of C				26315.84
E	Contingency @ 3% of C				39473.75
F	Transportation @ 7.5% of C				98684.38
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				88469.01
H	TOTAL RS.				1568734.73
27	Stay concreting in ratio(1:2:4)as per TPCODL specification and drawing =0.2 cum	Nos.	14	1329.77	18616.78
28	Concreting of 8 Mtr./9 Mtr. PSC Pole in ratio 1:1:5:3(500x500x1500mm)=0.375 cum + Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	1	3241.32	3241.32
29	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3(500x500x1800 mm)=0.55 cum+Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	7	3739.98	26179.86
30	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	11	1600.00	17600.00
31	Plinth for installation of 250 KVA DTR	Nos.	1	32181.60	32181.60
32	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
	Sub Total Rs.				1,797,956.45
	Cess @ 1%				17,979.56
	Total Estimated Cost				1,815,936.01
	Total Estimated Cost in Figures				1,815,936.00
EXCESS	☐	LESS	☐	(Please Tick) _____%	
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)