

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 :- 06 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 6-F TYPE QUARTERS AT KAKRIGUMA POLICE STATION IN THE DISTRICT OF KORAPUT.****BID REF NO.- 16/PM/ELECT/OPHWC/2025-26**

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
PART-I	11 KV LINE				
1	11 KV 'V' cross arm(10.2 Kg each)	No.	3	1101.60	3304.80
2	GI Back clamp for 11 KV V Cross Arm	No.	3	108.80	326.40
3	Top F clamp for PSC Pole ,2.9 Kg	No.	3	326.40	979.20
4	Disc insulator 45 KN (B&S) Polymer	No.	9	1169.50	10525.50
5	11 KV HW fitting (B&S)2 bolted	No	9	176.80	1591.20
6	11KV Pin Insulator polymer	No.	15	272.00	4080.00
7	HT stay set complete	No.	4	1428.00	5712.00
8	11KV stay insulator	No.	4	68.00	272.00
9	HT stay clamp (1.9 Kg/Pair)	pair	4	170.00	680.00
10	7/10 SWG stay wire, Grade-2	Kg	70	102.00	7140.00
11	Earthing support coil type	No	5	225.76	1128.80
12	No. 8 GI wire(dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	1.31	102.00	133.62
13	GI Base plate for support	No	5	361.34	1806.70
14	GI Nuts and Bolts of assorted size	Kg	13.25	106.08	1405.56
15	100x50x6 mm channel for straight cross arm,1.2 Mtr. Each 2 Nos,0.3 Mtr. Long 2 Nos. @9.2 Kg/Mtr.	Kg	82.8	102.00	8445.60
16	Fish plate, 50x8 mm, 0.97 Kg/mtr.,each 0.2820 mtr. Length	Kg	3.259	102.00	332.42
17	9 Mtr. Long 300 KG PSC Pole	No	5	4080.00	20400.00
18	3Core x50 sq. mm 11 KV XLPE cable(Armoured)A2XFY	Mtr.	63.00	552.16	34786.08
19	Heat shrinkable jointing kit for 3Cx50 sq. mm 11 KV XLPE cable(out door type)	No.	4.00	14890.64	59562.56
20	Pole clamp for eye Hook for AB cable	No	4.00	272.00	1088.00
21	55 sq. mm AAAC	Km	0.62	40800.00	25214.40

22	PG clamp for 55 sq. mm AAAC	No	6.00	652.80	3916.80
23	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	15	108.80	1632.00
24	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	6.12	102.00	624.24
25	Danger Board	No.	5	108.80	544.00
26	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.53	102.00	156.06
27	75x40x6 mm ,channel for straight cross arm,2.4+0.3 Mtr.@ 6.8 Kg/Mtr.(2 Nos.)for providing support for road crossing with galvanisation	Kg	36.72	102.00	3745.44
28	No.6 GI wire(Dia 4.8 mm)40 Kg for 1 Nos. guarding & 20 Kg for 2 Nos. earthing at both sides of Road crossing guarding .	Kg	60	102.00	6120.00
29	GI Flat 25x3 mm @0.6 Kg/Mtr.,15 Mtr. Length per dropping	Kg	18	102.00	1836.00
30	GI pipe earthing 40 mm dia medium gauge,3 Mtr. Long	No	2	1428.00	2856.00
31	8 SWG Gi wire for cross lacing	Kg	12	102.00	1224.00
32	Eye Hook	No	12	81.60	979.20
33	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	500.00	500.00
	A.Sub Total Rs.				213,048.58
B	Stock,storage and insurance (@3% on A)				6391.46
C	TOTAL RS.				219440.04
D	T&P @ 2% of C				4388.80
E	Contingency @ 3% of C				6583.20
F	Transportation @ 7.5% of C				16458.00
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				24045.20
H	TOTAL RS.				270,915.24
PART-II	63 KVA 11/0.4KV sub station				
1	9 Mtr. Long 300 KG PSC Pole	No	2	4080.00	8160.00
2	Pressure Channel (GI)100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	102.00	5255.04
3	Transformer mounting Channel(GI) 100x50x6mm channel 2.8 mtr long,2 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	102.00	5255.04
4	AB switch &HG fuse mounting channel(GI)(75x40x6)mm,2.8mtr long 4 No(6.8Kg/mtr)with Galvanisation	K.g	76.16	102.00	7768.32

5	Transformer belting 50x50x6 mm angel 2.8 mtr long,2 Nos.(4.5K.g/mtr)with side angel total 7 Mtr.	Kg.	31.5	102.00	3213.00
6	Angle for mounting LT Distribution Box (50x50x6)mm 1 Mtr. Long 2 Nos.(3.5 Kg/Mtr.)with Galvanisation	Kg	9	102.00	918.00
7	Disc insulator 45 KN (B&S) Polymer	No.	3	1169.60	3508.80
8	11 KV HW fitting (B&S)2 bolted	No.	3	176.80	530.40
9	11KV AB switch(3 pole,200 Amp,50Hz)	Set	1	9996.00	9996.00
10	11KV HG fuse (3 pole,200 Amp)with PI	Set	1	8323.20	8323.20
11	12KV 10KA LA, Station class	No.	3	1360.00	4080.00
12	LT Distribution box with MCCB, Aluminium Bus bar of single bay Kitkat Fuse for 63 KVA S/S	No	1	24917.92	24917.92
13	LT 3.5 core 95 sq. mm PVC cable(Un-armoured)	Mtr	15	452.80	6792.00
14	GI Flat 25x3 mm @0.6 Kg/Mtr.,15 Mtr. Length per dropping	Kg	40.2	102.00	4100.40
15	HT stay set (Complete)	No.	2	1428.00	2856.00
16	stay Insulator, Type-C	No.	2	68.00	136.00
17	Stay clamp	pair	2	170.00	340.00
18	7/10 SWG GI Saty wire, grade-2	Kg	20	102.00	2040.00
19	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long	No	7	1428.00	9996.00
20	Earthing coil for support	No	2	225.76	451.52
21	GI Base plate for support	No	2	361.34	722.68
22	GI nut,bolt & washers	Kg	25	106.08	2652.00
23	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	108.80	652.80
24	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.448	102.00	249.70
25	Danger Board	No.	2	108.80	217.60
26	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.612	102.00	62.42
27	63 KVA ,11/0.4 Kv (AL) Transformer BIS Energy Level-II	No.	1	117640.00	117640.00
28	55 sq. mm AAAC	Km	0.02	40800.00	816.00
29	Sundries (Al. binding tape, insulation tape, paint fencing metal spreading ,Anticlimbing Device,danger board etc.)	LS	1	1000.00	1000.00
	A.Sub Total Rs.				232,650.84
B	Stock,storage and insurance (@3% on A)				6979.53
C	TOTAL RS.				239630.37
D	T&P @ 2% of C				4792.61
E	Contingency @ 3% of C				7188.91
F	Transportation @ 7.5% of C				17972.28
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				18745.06

H	TOTAL RS.				288,329.22
PART-III	LT LINE				
1	L.T Stay set (Complete)	Set	3	707.20	2121.60
2	L.T Stay Insulator	No.	3	40.80	122.40
3	L.T Stay Clamp(1.4 K.g/Pair)	Pair	3	149.60	448.80
4	7/12 SWG Stay Wire	Kg	24	102.00	2448.00
5	Suspension clamp with I Hook for ABC	No.	4	462.40	1849.60
6	Eye Hook for XLPE AB Cable	No.	4	81.60	326.40
7	Dead end clamp suitable for XLPE cable	No	4	88.40	353.60
8	Pole clamp for eye Hook for AB cable	pair	8	272.00	2176.00
9	GI Nuts and Bolts of assorted size	Kg	5.82	106.08	617.39
10	3x35+1x25+1x16 sqmm LT XLPE AB Cable	Km	0.22	163200.00	35985.60
11	8 Mtr. Long 200 KG PSC Pole(Including stud pole)	No	6	2720.00	16320.00
12	Earthing device coil type(GI)	No	6	225.76	1354.56
13	No. 8 GI wire(dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	1.572	102.00	160.34
14	GI base palte(500x500x10 mm) for PSC Pole(20 kg)	No	6	361.34	2168.04
15	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	18	108.80	1958.40
16	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	7.344	102.00	749.09
17	Sundries (paint,binding tape etc.)	LS	1	300.00	300.00
	A.Sub Total Rs.				69,459.82
B	Stock,storage and insurance (@3% on A)				2083.79
C	TOTAL RS.				71543.61
D	T&P @ 2% of C				1430.87
E	Contingency @ 3% of C				2146.31
F	Transportation @ 7.5% of C				5365.77
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				8835.32
H	TOTAL RS.				89321.88
	Sub-Total Rs.				648566.34
18	Cement Concrete for stay anchor plate CC 1:2:4 by as per TPSODL specification	Nos.	9	1329.77	11967.93
19	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	9	1600.00	14400.00
20	Concreting of Poles in ratio 1:1:5:3 for 9M/8M PSC Pole,0.375 Cum	No	13	2493.32	32413.16
21	Couping of poles in ratio 1:1:5:3 for PSC pole 0.1125 Cum	No	13	748.00	9724.00
22	Construction of Brick Boundary wall for fencing of S/S in size of 3 Mtr.x 3 Mtr. (63 KVA)	No	1	87601.00	87601.00
	Total Estimated Cost				804,672.43

	Cess @1%				8,046.72
	Total Estimated Cost				812,719.16
	Total Estimated Cost in Figures				812,719.00
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)**