

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 :- 03 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 8-F TYPE STAFF QUARTERS AT KALIMELA FIRE STATION IN THE DISTRICT OF MALKANGIRI.****BID REF NO - 56/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 55 sq. mm AAAC-0.035 Km				
1	10 Mtr. Long 300 KG PSC Pole(Including transportation cost upto store)	No	1	6,390.00	6,390.00
2	RCC base Plate	No	1	361.34	361.34
3	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 2 Nos, 9.56 Kg/Mtr.	Kg	22.94	106.50	2,443.11
4	Straight cross arm Top GI channel 100x50x6 mm , 0.306 Mtr. Each 2 Nos, 9.56 Kg/Mtr.	Kg	5.85	106.50	623.03
5	Fish Plate 50x8 mm, 0.97 Kg/Mtr.,each 0.280 mtr. Length	Kg	1.09	106.50	116.09
6	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1,150.20	1,150.20
7	Back clamp for 11 KV V cross Arm	No.	1	113.60	113.60
8	11 KV F clamp 2.9 Kg each	No	1	340.80	340.80
9	Danger Board	No	1	113.60	113.60
10	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.3	106.50	31.95
11	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	113.60	340.80
12	11 Kv pin insulator Polymer	No	6	284.00	1,704.00
13	HT stay set complete	No.	1	1,491.00	1,491.00
14	11KV stay insulator Polymer	No.	1	71.00	71.00
15	7/10 SWG stay wire	Kg	10	106.50	1,065.00
16	HT stay clamp (1.9 Kg/Pair)	pair	1	177.50	177.50
17	GI Nuts and Bolts of assorted size	Kg	3	110.76	332.28
18	55 sq. mm AAAC	Km	0.11	42,600.00	4,607.19
19	Disc insulator70 KN (B&S) Polymer	No.	3	1,633.00	4,899.00

20	11 KV HW fitting (B&S)70 KN, 3 Bolt	No	3	497.00	1,491.00
23	Black paint	Kg	1	312.40	312.40
24	Yellow colour paint	Ls	1	212.77	212.77
	Total Rs.				28,387.64
PART-II	LT LINE-0.15 Km(4x50+1x50+1x16) sq. mm AB Cable				
25	9 Mtr. Long 300 KG PSC Pole	No	5	4,260.00	21,300.00
26	RCC Base plate for support	No	5	361.34	1,806.69
27	4x50+1x50+1x16 sqmm AB Cable	Km	0.15	206,220.34	31,861.04
28	Danger Board	No.	5	113.60	568.00
29	GI clamp for Danger Board GI Flat (25x3 @ 0.6 Kg/Mtr.)510 mm Length(0.306 Kg/piece)	Kg	1.5	106.50	159.75
30	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	15	113.60	1,704.00
31	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	6.02	106.50	641.13
32	Pole clamp for eye Hook for AB cable	Pair	5	284.00	1,420.00
33	Suspension clamp with I Hook for ABC	No.	2	482.80	965.60
34	Eye hook for AB Dead End cable	No.	3	85.20	255.61
35	Dead end clamp suitable for XLPE cable	No	3	92.30	276.89
36	L.T Stay set (Complete)	Set	5	738.40	3,692.00
37	L.T Stay Insulator	No.	5	42.60	213.00
38	L.T Stay Clamp(1.4 K.g/Pair)	Pair	5	156.20	781.00
39	7/12 SWG Stay Wire	Kg	40	106.50	4,260.00
40	Earthing device coil type(GI)	No	5	235.72	1,178.60
41	No. 8 GI wire(dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	1.31	106.50	139.52
42	GI Nuts and Bolts of assorted size	Kg	4	110.76	443.04
	Total Rs.				71,665.87
PART-III	Installation of 100 KVA 11/0.4KV sub station - 1 No. -				
43	10 Mtr. Long 300 KG PSC Pole(Including transportation cost upto store)	No	2	6,390.00	12,780.00
44	RCC Base plate for support	No	2	361.34	722.68
45	Earthing Device coil type GI	No	2	235.72	471.44
46	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	28.300	106.50	3,013.95
47	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	53.54	106.50	5,702.01
48	AB switch mounting GI channel(75x40x4.8)mm,each 2.8mtr long (7.14 Kg/mtr)	K.g	39.98	106.50	4,257.87
49	HG fuse mounting GI channel(75x40x4.8)mm,each 2.8mtr long (7.14 Kg/mtr)	K.g	39.98	106.50	4,257.87

50	AB Switch operating Pipe GI Channel support 75x40x4.8 mm, Length 0.625 Mtr.@7.14 Kg/Mtr.	Kg.	4.46	106.50	474.99
51	AB Switch Bottom support GI Channel 75x40x4.8 mm, Length 0.330 Mtr.@7.14 Kg/Mtr.	Kg.	4.71	106.50	501.62
52	Support GI Channel for TPMO operating Rod 75x40x4.8 mm of Length 0.388 Mtr.@7.14 Kg/mtr.	Kg.	5.54	106.50	590.01
53	LT DB supporting GI channel 75x40x4.8 mm of Length 3.0 Mtr @7.14 Kg/mtr.	Kg	21.42	106.50	2,281.23
54	11 KV LA(9 KV, 10 KA)DH class	No.	3	1,420.00	4,260.00
55	11KV AB switch 3 pole(200 Amp, 50 Hz, Horizontal type)	Set	1	10,437.00	10,437.00
56	11KV HG fuse 3 pole(200 Amp, 3 pole, 50 Hz)with PI	Set	1	8,690.40	8,690.40
57	LT Distribution box with MCCB, Aluminium Bus bar for 2 bay with Kitkat Fuse for 100 KVA S/S	No	1	34,674.98	34,674.98
58	HT stay set (Complete)REC Construction standard	No.	2	1,491.00	2,982.00
59	HT stay Insulator, Type-C	No.	2	71.00	142.00
60	Stay clamp(1.9 Kg/Pair)	pair	2	177.50	355.00
61	7/10 SWG GI Stay wire, grade-2	Kg	20	106.50	2,130.00
62	95 sq. mm 1 core LT XLPE Cable(armoured)	Mtr.	45	208.74	9,393.18
63	Disc insulator70 KN (B&S) Polymer	No.	6	1,633.00	9,798.00
64	11 KV HW fitting (B&S)70 KN, 3 Bolt	No	6	497.00	2,982.00
65	GI Nuts, Bolts and washers of assorted size	Kg	20	110.76	2,215.20
66	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1,491.00	10,437.00
67	100 KVA, 11/0.4 KV (AL) Transformer with Tap changer BIS Energy Level-II	No	1	166,140.00	166,140.00
68	25x6 mm GI flat for earthing	Kg	45	106.50	4,792.50
69	Danger Board	No.	2	113.60	227.20
70	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
71	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
72	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.407	106.50	256.35
	Total Rs.				305,712.16
A	Sub Total Rs.				405,765.68
B	Stock,storage and insurance (@3% on A)				12,172.97
C	TOTAL RS.				417,938.65
D	T&P @ 2% of C				8,358.77

E	Contingency @ 3% of C				12,538.16
F	Transportation @ 7.5% of C				31,345.40
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				37,406.07
H	Erection charges of 25 KVA S/S				3,934.39
I	TOTAL RS.				511,521.44
73	Cement concrete for Stay Anchor Plate with (1:2:4),0.2 cum @6177.92	Nos.	8	1,329.77	10,638.16
74	Couping of poles in ratio 1:1:5:3, 0.1125 cum @6400	Nos.	8	748.00	5,984.00
75	Concreting of poles in ratio 1:1:5:3=0.45 @6400	Nos.	3	2,759.27	8,277.81
76	Concreting of poles in ratio 1:1:5:3=0.45 @6400	Nos.	5	2,493.32	12,466.61
77	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	Nos.	7	1,600.00	11,200.00
78	Plinth for 100 KVA DTR.	No	1	32,181.60	32,181.60
79	Brick Boundary wall	Mtr.	18	7,300.12	131,402.14
	Total				212,150.32
	Sub Total				723,671.76
	Cess @ 1%				7,236.72
	Total Estimated Cost				730,908.48
	Total Estimated Cost in Figures				730,908.00
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)**