

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 :- 04 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 3-F TYPE STAFF QUARTERS AT KHAIRPUT FIRE STATION IN THE DISTRICT OF MALKANGIRI.****BID REF NO.-63/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-0.15 Km				
1	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
2	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
3	Fish Plate 50x8 mm, 0.97 Kg/Mtr.,each 0.280 mtr. Length	Kg	1.09	106.50	116.09
4	11 Kv pin insulator Polymer	No	3	284.00	852.00
5	GI Nuts and Bolts of assorted size	Kg	3	110.76	332.28
6	55 sq. mm AAAC	Km	0.05	42,600.00	1,974.08
7	Disc insulator 70 KN (B&S) Polymer	No.	3	1,633.00	4,899.00
8	11 KV HW fitting (B&S)70 KN, 3 Bolt	No	3	497.00	1,491.00
9					-
10					-
9	Black paint	Kg	1	312.40	312.40
10	Yellow colour paint	Ls	1	212.77	212.77
	Total Rs.				13,255.75
PART-II	LT LINE-0.23 Km(4x35+1x35+1x16) sq. mm AB Cable				
11	8 Mtr. Long 200 KG PSC Pole	No	7	2,840.00	19,880.00
12	RCC Base plate for support	No	7	361.34	2,529.37

13	4x35+1x35+1x16 sqmm AB Cable	Km	0.24	152,364.41	36,095.13
14	Danger Board	No.	7	113.60	795.20
15	GI clamp for Danger Board GI Flat (25x3 @ 0.6 Kg/Mtr.)510 mm Length(0.306 Kg/piece)	Kg	2.11	106.50	224.72
16	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	21	113.60	2,385.60
17	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	8.43	106.50	897.80
18	Pole clamp for eye Hook for AB cable	Pair	7	284.00	1,988.00
19	Suspension clamp with I Hook for ABC	No.	5	482.80	2,414.00
20	Eye hook for AB Dead End cable	No.	2	85.20	170.41
21	Dead end clamp suitable for XLPE cable	No	2	92.30	184.59
22	L.T Stay set (Complete)	Set	5	738.40	3,692.00
23	L.T Stay Insulator	No.	5	42.60	213.00
24	L.T Stay Clamp(1.4 K.g/Pair)	Pair	5	156.20	781.00
25	7/12 SWG Stay Wire	Kg	40	106.50	4,260.00
26	Earthing device coil type(GI)	No	7	235.72	1,650.04
27	No. 8 GI wire(dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	1.83	106.50	194.90
28	GI Nuts and Bolts of assorted size	Kg	4	110.76	443.04
	A.Sub Total Rs.				78,798.79
PART-III	Installation of 63 KVA 11/0.4KV sub station - 1 No.				
29	9 Mtr. Long 300 KG PSC Pole	No	2	4,260.00	8,520.00
30	Earthing Device coil type GI	No	2	235.72	471.44
31	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
32	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
33	Transformer Base GI channel 100x50x5 mm-2.8 Mtr. Long,2 Nos.(9.56 Kg/mtr)	K.g	53.54	106.50	5,702.01
34	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
35	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
36	Transformer Belting Angle(50x50x6)mm,each 2.8mtr long with side Angle @4.5 Kg/mtr	K.g	25.2	106.50	2,683.80
37	Transformer Bottom Fixing Angle(50x50x6)mm,each 0.310 Mtr. long @4.5 Kg/mtr	K.g	2.79	106.50	297.14
38	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

39	AB Switch Bottom support GI Channel 75x40x4.8 mm, Length 0.330 Mtr.@7.14 Kg/Mtr.	Kg.	4.71	106.50	501.62
40	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
41	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
42	11 KV LA(9 KV, 10 KA)DH class	No.	3	3,610.17	10,830.51
43	11KV AB switch 3 pole(200 Amp, 50 Hz, Horizontal type)	Set	1	10,437.00	10,437.00
44	11KV HG fuse 3 pole(200 Amp, 3 pole, 50 Hz)with PI	Set	1	8,690.40	8,690.40
45	LT Distribution box with MCCB, Aluminium Bus bar with Kitkat Fuse for 63 KVA S/S	No	1	26,017.24	26,017.24
46	HT stay set (Complete)REC Construction standard	No.	2	1,491.00	2,982.00
47	HT stay Insulator, Type-C	No.	2	71.00	142.00
48	Stay clamp(1.9 Kg/Pair)	pair	2	177.50	355.00
49	7/10 SWG GI Stay wire, grade-2	Kg	20	106.50	2,130.00
50	95 sq. mm 1 core LT XLPE Cable(armoured)	Mtr.	45	208.74	9,393.18
51	Disc insulator70 KN (B&S) Polymer	No.	6	1,633.00	9,798.00
52	11 KV HW fitting (B&S)70 KN, 3 Bolt	No	6	497.00	2,982.00
53	GI Nuts, Bolts and washers of assorted size	Kg	20	110.76	2,215.20
54	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1,491.00	10,437.00
55	63 KVA, 11/0.4 KV (AL) Transformer with Tap changer BIS Energy Level-II	No	1	122,830.00	122,830.00
56	25x6 mm GI flat for earthing	Kg	45	106.50	4,792.50
57	Danger Board	No.	2	113.60	227.20
58	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
59	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
60	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.				264,015.19
A	Sub Total Rs.				356,069.73
B	Stock,storage and insurance (@3% on A)				10,682.09
C	TOTAL RS.				366,751.83
D	T&P @ 2% of C				7,335.04
E	Contingency @ 3% of C				11,002.55
F	Transportation @ 7.5% of C				27,506.39
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				33,274.64

H	TOTAL RS.				445,870.44
61	Cement concrete for Stay Anchor Plate with (1:2:4),0.2 cum @6177.92	Nos.	7	1,329.77	9,308.39
62	Couping of poles in ratio 1:1:5:3, 0.1125 cum @6400	Nos.	9	748.00	6,732.00
63	Concreting of poles in ratio 1:1:5:3=0.45 @6400	Nos.	9	2,493.32	22,439.90
64	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1,600.00	11,200.00
65	Brick Boundary wall	Mtr.	18	7,300.12	131,402.14
					181,082.42
66	Dismantling charges of LT Pole	No.	1	920.61	920.61
67	Dismantling charges of LT Line	Mtr.	35	23.02	805.70
	Sub Total Rs.				628,679.18
	Cess @ 1%				6,286.79
	Total Estimated Cost				634,965.97
	Total Estimated Cost in Figures				634,966.00
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)**