

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 TO CATER POWER SUPPLY TO 6-E TYPE STAFF QUARTERS AT RESERVE OFFICE, PHULBANI IN THE DISTRICT OF KANDHAMAL.****BID REF NO.- 88/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 -0.030 Km				
1	11 Mtr Long (160x152)mm WPB GI Pole(30.44 Kg/mtr)including base plate	No	1	34321.52	34321.52
2	11 KV 'V' cross arm(10.2 Kg each)	No.	1	1150.20	1150.20
3	GI Back clamp for 11 KV V Cross Arm	No.	1	113.60	113.60
4	Top F clamp	No.	1	340.80	340.80
5	Disc insulator 45 KN (B&S) Polymer	No.	3	1221.20	3663.60
6	11KV Pin Insulator polymer	No.	5	284.00	1420.00
7	Earthing Device coil type GI	No	1	235.72	235.72
8	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.262	106.50	27.90
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	0.301	106.50	32.06
11	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	113.60	340.80
12	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	1.204	106.50	128.23
13	55 sq. mm Insulation covered conductor	Km	0.093	99740.00	9275.82
14	IPC for 11 KV 55 sq. mm covered conductor	No	3	550.00	1650.00
15	Tension Assembly wedge type with anchoring clamp for 11 KV covered conductor	No	3	905.00	2715.00
16	Non Metallic ties for 11 KV Covered conductor	No.	1	1491.00	1491.00
17	HT stay set (Complete)	No.	1	1491.00	1491.00
18	HT stay Insulator, Type-C	No.	1	71.00	71.00
19	Stay clamp(1.9 Kg/Pair)	pair	1	177.50	177.50
20	7/10 SWG GI Saty wire	Kg	10	106.50	1065.00
21	GI Nuts & Bolts	Kg	2	110.76	221.52

22	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 4 Nos, & 0.3 Mtr. Long 4 Nos.including tapping point	Kg	27.6	106.50	2939.40
23	Fish Plate 50x8 mm,3.14 Kg/Mtr.,each 0.280 mtr. Length	Kg	1.164	106.50	123.97
24	Black paint	Ltr.	0.500	312.40	156.20
25	Yellow colour paint for Background	Ltr.	1.000	212.77	212.77
26	Sundries	No.	1	500.00	500.00
Total Rs.					63978.20
PART-II	Installation of 63 KVA 11/0.4KV sub station - 1 No.				
27	11 Mtr Long (160x152)mm WPB Pole(30.44 Kg/mtr)including Base Plate	No	2	34321.52	68643.04
28	Earthing Device coil type GI	No	2	235.72	471.44
29	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.524	106.50	55.81
30	Top Pressure Channel 100x50x6mm channel each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	106.50	5486.88
31	Transformer mounting GI Channel 100x50x6mm channel each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	106.50	5486.88
32	AB switch &HG fuse mounting channel (75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	106.50	8111.04
33	Cantilever GI Channel for supporting AB switch Arm 75x40x6mm. 1 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	106.50	1448.40
34	Cantilever angle for supporting HG fuse 50x50x6mm 1.5 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	13.5	106.50	1437.75
35	Transformer Belting GI Angle 50x50x6mm channel each 2.8 mtr long,2 Nos(9.2K.g/mtr)	Kg.	31.5	106.50	3354.75
36	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr. .	K.g	9	106.50	958.50
37	AB witch side support channel 100x50x6 mm GI channel (0.35Mtr Long)(9.56 kg/mtr,2 Nos.)	Kg	6.44	106.50	685.86
38	Channel support for down pipe 75x40x6 mm GI channel(6.8kg/mtr,1 Nos.)each channel length 0.8 Mtr.	Kg	5.44	106.50	579.36
39	Disc insulator 45 KN (B&S) Polymer	No.	3	1221.20	3663.60
40	11 KV HW fitting (B&S) type 2 bolted	No	3	369.20	1107.60
41	11KV AB switch(3 pole,200 Amp,50Hz)	Set	1	10437.00	10437.00
42	11KV HG fuse (3 pole,200 Amp)with PI	Set	1	8690.40	8690.40
43	9KV 5KA LA	No.	3	1391.60	4174.81
44	HT stay set (Complete)	No.	4	1491.00	5964.00
45	HT stay Insulator, Type-C	No.	4	71.00	284.00
46	Stay clamp(1.9 Kg/Pair)	pair	4	177.50	710.00
47	7/10 SWG GI Saty wire	Kg	40	106.50	4260.00
48	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	7	1491.00	10437.00
49	25x6 mm GI flat(Neutral)	Kg	10	106.50	1065.00
50	25x4 mm GI flat(for LA)	Kg	60	106.50	6390.00
51	55 sq. mm AAAC for jumpering	Km	0.05	42600.00	2130.00
52	PG clamp for 55 sq. mm AAAC	No	3	681.60	2044.81
53	GI Nuts and Bolts of assorted size	Kg	25	110.76	2769.07
54	63 KVA 11/0.4 KV (AL) Transformer with BIS Energy Level-II	No	1	122830.00	122830.00

55	LT Distribution box with MCCB, Aluminium Bus bar of single Bay with kit Kat Fuse for 63 KVA S/S.	No	1	26017.24	26017.24
56	1 core 95 sq. mm LT XLPE cable(un armoured)	Mtr.	40	208.74	8349.49
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	0.602	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.	Kg	2.407	106.50	256.35
61	Black paint	Ltr.	1	312.40	312.40
62	Yellow colour paint for Background	Ltr.	2	212.77	425.54
63	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1000.00
					321010.89
PART-III	Construction of LT 3ph 5 W line using 3X50+1x35+1x16 sqmm XLPE AB Cable=0.250 Km				
64	9 Mtr. Long 300 KG PSC Pole	No	11	4,260.00	46,860.00
65	RCC Base plate for support	No.	11	361.34	3974.74
66	L.T Stay set (Complete)	Set	8	738.40	5907.20
67	L.T Stay Insulator	No.	8	42.60	340.80
68	L.T Stay clamp (1.40 K.g/Pair)	Pair	8	156.20	1249.60
69	7/12 SWG Stay Wire ,Grade-2	Kg	64	106.50	6816.00
70	3X50+1x35+1x16 sqmm AB Cable	Mtr.	262.50	198.80	52184.11
71	Pole clamp for eye Hook for AB cable	No.	15	284.00	4260.00
72	Dead end clamp with eye hook	No	10	177.50	1775.00
73	Suspension clamp with Eye Hook	No	5	482.80	2414.00
74	Earthing support coil type	No	11	235.72	2592.92
75	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	2.882	106.50	306.93
76	GI Nut, Bolt & washer	Kg	5.5	110.76	609.18
77	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	33	113.60	3748.80
78	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	13.24	106.50	1410.06
79	Danger Board	No	11	113.60	1249.60
80	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	3.31	106.50	352.52
81	Black paint	Ltr.	5.50	312.40	1718.20
82	Yellow colour paint for Background	Ltr.	11	212.77	2340.47
83	Saundries	No.	1	1000.00	1000.00
				Total Rs.	141110.13
				A.Sub Total Rs.	526099.22
B	Stock,storage and insurance (@3% on A)				15782.98
C	TOTAL RS.				541882.20
D	T&P @ 2% of C				10837.64
E	Contigency @ 3% of C				16256.47
F	Transportation @ 7.5% of C				40641.16

G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				47386.38
H	TOTAL RS.				657003.85
84	Stay concreting in ratio 1:2:4(0.5x0.5x0.8)Mtr. as per TPSODL specification and drawing =0.2 cum	Nos.	13	1329.77	17287.01
85	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3=0.45 cum+Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	3	3739.98	11219.94
86	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.	11	3241.31	35654.41
87	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	3784.73	26493.10
88	Construction of Boundary wall for fencing of DPM S/S in the size 4x5 Mtr. @ 7300.12/RM (as per TPSODL specification)	RM	12	7300.12	87601.44
89	Dismantling of existing HT Pole	Ls	1	780.18	780.18
					179036.08
	Sub Total Rs.				836,039.93
	Cess @ 1%				8,360.40
	Total Estimated Cost				844,400.33
	Total Estimated Cost in Figures				844,400.00
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (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)**