

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 :- 02 AS PER IFB****NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO 6-F TYPE STAFF QUARTERS AT KANTAMAL FIRE STATION IN THE DISTRICT OF BOUDH.****BID REF NO.- 66/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 -0.005 Km				
1	9 Mtr. Long 300 KG PSC Pole	No	1	4,260.00	4,260.00
2	RCC Base Plate	No	1	361.34	361.34
3	Earthing Device coil type GI	No	1	235.72	235.72
4	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	0.260	106.50	27.69
5	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 2 Nos. & 0.3 Mtr. 2 Nos. including tapping point.	Kg	77.280	106.50	8,230.32
6	11 KV HW fitting (B&S) type 2 bolted	No	3	369.20	1,107.60
7	Disc insulator 45 KN (B&S) Polymer	No.	3	1,221.20	3,663.60
8	55 sq. mm AAAC	Km	0.015	42,600.00	639.00
9	PG clamp for 55 sq. mm AAAC	Nos.	3	681.00	2,043.00
10	Fish plate 50x8 mm (3.14 Kg/Mtr.)each 0.3 Mtr. Length	Kg	2.64	106.50	281.16
11	11KV Pin Insulator polymer	No.	3	284.00	852.00
12	HT stay set (Complete)	No.	3	1,491.00	4,473.00
13	HT stay Insulator, Type-C	No.	3	71.00	213.00
14	Stay clamp(1.9 Kg/Pair)	pair	3	177.50	532.50
15	7/10 SWG GI Saty wire	Kg	30	106.50	3,195.00
16	Danger Board	No	1	113.60	113.60
17	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
18	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	3	113.60	340.80
19	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	1.204	106.50	128.23
20	GI Nuts & Bolts	Kg	2	110.76	221.52
21	Black paint	Ltr.	0.5	312.40	156.20
22	Yellow colour paint for Background	Ltr.	1	212.77	212.77
23	Sundries	No.	1	500.00	500.00
	Total				31,820.00

PART-II	Installation of 100 KVA 11/0.4KV sub station - 1 No.				
24	9 Mtr. Long 300 KG PSC Pole	No	2	4,260.00	8,520.00
25	RCC Base Plate	No	2	361.34	722.68
26	Earthing Device coil type GI	No	2	235.72	471.44
27	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
28	Top Pressure GI Channel 100x50x6mm channel each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	106.50	5,486.88
29	AB switch GI mounting channel(100x50x6)mm,(9.2 Kg/mtr)	K.g	51.52	106.50	5,486.88
30	AB Switch & HG fuse GI mounting channel(75x40x6)mm,each 2.8mtr long 4 No(6.8Kg/mtr)	K.g	76.16	106.50	8,111.04
31	Cantilever GI channel for supporting AB switch Arm 75x40x6mm.-1 Mtr. Long ,2 Nos.(6.8kg./mtr.)	Kg.	13.6	106.50	1,448.40
32	Cantilever GI Angle for supporting AB switch 50x50x6 mm ,1 Mtr. Long 2 Nos. @ 4.5 kg./mtr.)	Kg.	9	106.50	958.50
33	Transformer Belting GI Angle 50x50x6 mm ,2.8 Mtr. Long ,2 Nos.(4.5 Kg/Mtr.)with side angle Total 7 Mtr.	Kg.	31.5	106.50	3,354.75
34	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr. .	Kg.	9	106.50	958.50
35	AB switch side support channel 100x50x6 mm ,9.2 Kg/Mtr.,each channel length 0.35 Mtr.,2 Nos required	Kg.	6.44	106.50	685.86
36	Channel support for down pipe 75x40x6 mm ,6.8 Kg/Mtr., each channel length 0.8 Mtr., 1 No. required.	K.g	5.44	106.50	579.36
37	Disc insulator 45 KN (B&S) Polymer	No.	3	1,221.20	3,663.60
38	11 KV HW fitting (B&S)70 KN	No	3	369.20	1,107.60
39	11KV AB switch 3 pole(200 Amp, 50 Hz)	Set	1	10,437.00	10,437.00
40	11KV HG fuse 3 pole(200 Amp)with PI	Set	1	8,690.40	8,690.40
41	11 KV LA(9 KV, 10 KA)	No.	3	1,420.00	4,260.00
42	HT stay set (Complete)REC Construction standard	No.	4	1,491.00	5,964.00
43	HT stay Insulator, Type-C	No.	4	71.00	284.00
44	Stay clamp(1.9 Kg/Pair)	pair	4	177.50	710.00
45	7/10 SWG GI Saty wire, grade-2	Kg	40	106.50	4,260.00
46	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	7	1,491.00	10,437.00
47	25x6 mm GI flat(Neutral)	Kg	10	106.50	1,065.00
48	25x4 mm GI flat	Kg	60	106.50	6,390.00
49	55 sq. mm AAAC for jumpering	kM	0.05	42,600.00	2,130.00
50	PG clamp for 55 sq. mm AAAC	Nos.	3	681.60	2,044.80
51	GI Nuts, Bolts and washers of assorted size	Kg	25	110.76	2,769.00
52	100 KVA, 11/0.4 KV (AL) Transformer with Tap changer BIS Energy Level-II	No	1	166,140.00	166,140.00
53	LT Distribution box with MCCB, Aluminium Bus bar for 2 baywith Kitkat Fuse for 100 KVA S/S	No	1	34,675.00	34,675.00
54	185 sq. mm 1 core LT XLPE Cable	Mtr.	60	363.50	21,810.00
55	Danger Board	No.	2	113.60	227.20
56	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
57	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	113.60	681.60
58	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

59	Sundries (clamp connector, jumpering materials, paint etc.)	LS	1	1,000.00	1,000.00
	Total				325,906.73
PART-III	Construction of LT 3ph 5 W line using 3x50+1x35 sqmm XLPE AB Cable=0.7 Km				
60	8 Mtr Long 200 KG PSC Pole	No	21	2,840.00	59,640.00
61	RCC Base Plate	No	21	361.34	7,588.14
62	Earthing Device coil type GI	No	21	235.72	4,950.12
63	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	5.502	106.50	585.96
64	L.T Stay set (Complete)	Set	15	738.40	11,076.00
65	L.T Stay Insulator	No.	15	42.60	639.00
66	L.T Stay Clamp(1.4 K.g/Pair)	Pair	15	156.20	2,343.00
67	7/12 SWG Stay Wire	Kg	120	106.50	12,780.00
68	3x50+1x35+1x16 sqmm XLPE AB Cable	Km	0.735	184,600.00	135,681.00
69	Pole clamp for eye Hook for XLPE cable	No	25	284.00	7,100.00
70	Dead end clamp suitable for XLPE cable	No	15	177.50	2,662.50
71	Suspension clamp with I Hook	No.	10	482.80	4,828.00
72	Danger Board	No.	21	113.60	2,385.60
73	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	63	113.60	7,156.80
74	GI Nuts, Bolt and washer	Kg	10.5	110.76	1,162.98
75	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	25.28	106.50	2,692.32
76	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. ,1No.	Kg	6.32	106.50	673.08
77	Black paint	Ltr.	10.5	312.40	3,280.20
78	Yellow colour paint for Background	Ltr.	21	212.77	4,468.17
79	Sundries (paint,clamp connectors, Binding tape)	LS	1	1,000.00	1,000.00
	Total				272,692.87
A	Sub Total Rs.				630,419.60
B	Stock,storage and insurance (@3% on A)				18,912.59
C	TOTAL RS.				649,332.19
D	T&P @ 2% of C				12,986.64
E	Contingency @ 3% of C				19,479.97
F	Transportation @ 7.5% of C				48,699.91
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				63,836.27
H	TOTAL RS.				794,334.98
80	Stay concreting in ratio(1:2:4)as per TPSODL specification and drawing =0.2 cum@6648.85	Nos.	22	1,329.77	29,254.94

81	Concreting of PSC Pole in ratio 1:1:5:3=0.375 cum	Nos.	24	2,493.32	59,839.68
82	Couping with C.C 1:1:5:3,0.1125 cum @6648.85	Nos.	24	748.00	17,952.00
83	Materials for earthing including massonary work for eathpit & cement plate cover with salt, charcoal etc.	No	7	1,600.00	11,200.00
84	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.	12	7,300.12	87,601.44
85	Plinth for installation of 100 KVA DTR as per TPSODL specification and estimate	Nos.	1	32,181.60	32,181.60
86	Survey of incremental / delta network and assets changes of 11 KV/LT network and updation in GESW database.(GIS service)	Km	0.75	9,633.00	7,224.75
87	Survey and digitization of new DSS and its internals including attrubutes.(GIS service)	No.	1	6,883.00	6,883.00
88	Dismantling of Transformer along with acessories	No.	1	1,380.92	1,380.92
89	Dismantling of ACSR/AAAC of 34/55 sq. mm	Mtr.	154.5	6.44	994.98
90	Dismantling of steel structures.	Kg	93.8	5.69	533.72
	Sub Total Rs.				1,049,382.02
	Cess @ 1%				10,493.82
	Total Estimated Cost				1,059,875.84
	Total Estimated Cost in Figures				1,059,876.00
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)**