

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 :- 01 AS PER IFB					
NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO MULTIPURPOSE HALL AND ACADEMIC BUILDING OF K.B.D.A.V COLLEGE, NIRAKARPUR IN THE DISTRICT OF KHURDA.					
BID REF NO :- 74/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.
I	Construction of LT Line using 4x95+1x95+1X16 sq. mm LT AB Cable- -0.28 Km.				
1	9 Mtr Long 300 KG PSC Pole	No	14	4260.00	59,640.00
2	LT stay set complete	Set	1	738.40	738.40
3	7/12 SWG GI stay wire, Grade-2	Kg	12	106.50	1,278.00
4	LT stay clamp	Pair	4	156.20	624.80
5	LT stay set Insulator	No	1	42.60	42.60
6	LT Accessories with Eye Hook and Clamp				
7	Pole Clamp for Eye Hook for XLPE Aerial bunched cable	Pair	13	284.00	3,692.00
8	Eye Hook for XLPE Aerial Bunched Cable	No	6	85.20	511.20
9	Dead End Clamp suitable for messenger XLPE Aerial Bunch Cable (25x70 sqmm)	No	6	92.30	553.80
10	Suspension clamp with Eye Hook for ABC (25-70 sqmm)	No	7	482.80	3,379.60
11	4 Cx95(P)+1Cx95(M)+1CX16 Street Light)sq. mm LT Aerial Bunched Cable	Mtr	294	370.02	108,785.88
12	Insulated Piercing Connector Type-A main 50-150 sq. mm & Tap-50-150 sq. mm.	No.	4	113.08	452.32
13	GI Pipe for earthing 40 mm dia 3 Mtr. Long	No.	2	1491.00	2,982.00
14	Coil Earthing	No	9	235.72	2,121.48
15	No-8 GI wire (Dia-4.6mm)	Kg	2.882	106.50	306.93
16	Danger plate (LT)	No	11	113.60	1,249.60
17	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	16.55	106.5	1762.58
18	GI barbed wire/Anticlimbing device 3 kg per support	Kg	33	113.6	3748.80
19	GI Nut, Bolt & washers of different sizes	Kg	5.5	110.76	609.18
20	Yellow colour paint for Background	Ltr	22	216.00	4,752.00
21	Black paint	Ltr	11	312.40	3,436.40
A	TOTAL MATERIAL COST				200,667.57
B	Stock, Storage & Insurance @ 3% of A				6,020.03
C	Sub Total (C=A+B)				206,687.60
D	Contingency @3% of C				6,200.63
E	T & P 2% of C				4,017.03
F	Transportation @ 7.5% of C				15,501.57
G	Erection Charges for PSC Pole @ 20%				12,285.84
H	Erection Charges of Joist Poles @ 5%				
I	Erection Charges of other @ 10%				13,942.26
J	Sub Total Rs.				258,634.92

Civil and Services Works (As per Technical Specification)					
22	Fixing of LT complete stay set includes(1) Turn Buckle assembly(2)Stay Rod & stay Plate(3)Stay Insulator(4)Stay Wire(5)stay Clamps with Nuts & Bolts,including excavation supply of 0.5 cum cement concrete foundation 1:2:4 size(500x500x800mm)using 20 mm BHG metal with all Labour and material(Excavation of earth will be done of size500x500x1500mm)	No	1	2301.53	2301.53
23	Concreting Ratio 1:1:5:3(M-20 Grade)(500 mmx500mmx1500 mm)=0.375 Cu. Mtr.	Cu.Mtr	5.25	6648.85	34,906.46
24	Construction of earthing chamber including installation of earthing pipe.Making earthing chamber including excavation, soil treatment with betonide powder, calculation of earth resistance,including installation of 3 Mtr. GI Pipe 40/50 mm including welding of GI flat around pipe.	No	2	3784.73	7,569.46
	Total Services Cost				44,777.45
	Total Material + Services Cost (J+K)				303,412.38
II	INSTALLATION OF 250 KVA S/S.				
1	WPB GI Pole160X160x6(11 Mtr. Long ,30.44 Kg/Mtr.)	No	2	36804.27	73608.54
2	9 Mtr Long 300 KG PSC Pole(For raising of LT ABC)	No	2	4260.00	8520.00
3	Pole Clamp for Eye Hook for XLPE Areial bunched cable	Pair	3	284.00	852.00
4	Eye Hook for XLPE Areial Bunched Cable	No	3	85.20	255.60
5	Dead End Clamp suitable for messenger XLPE Aerial Bunch Cable (25x70 sqmm)	No	3	92.30	276.90
6	GI Channel 100x50x6 mm	Kg	102.292	106.50	10,894.10
7	GI Flat 50x6 mm	Kg	158.781	106.50	16,910.18
8	GI channel 75x40x6 mm	Kg	188.639	106.50	20,090.05
9	GI Angle 50x50x6 mm	Kg	79.146	106.50	8,429.05
10	250 KVA , 11/0.4 KV (CU) Transformer BIS Energy Level-II	No	1	619789.27	619789.27
11	LT Distrubution Box with MCCB, Aluminim Busbar of 3 Bay with kit kat Fuse for 250 KVA S/S.	No	1	68160.00	68160.00
12	55 sq. mm AAAC XLPE covered conductor	Mtr	50	99.74	4987.00
13	1Cx400 sq. mm LT XLPE cable(Un-armoured)	Mtr	120	363.08	43569.60
14	1.1 KV XLPE AL 4Cx150 sq. mm armoured cable	Mtr	60	805.08	48304.80
15	11 KV AB switch (200 Amp, 3 pole)Gang operated	Set	1	10437.00	10437.00
16	11 KV HG Fuse (200 Amp, 3 pole)	Set	1	8690.00	8690.00
17	Wedge connector for 55 sq. mm conductor	EA	6	100.00	600.00
18	Polycarbonate Bird Guard	No	6	29.40	176.40
19	11 KV Disc insulator polymer type 70 KN	No	3	1633.00	4899.00
20	11 KV H/W fitting polymer type	Pair	3	497.00	1491.00
21	11 KV LA (12KV,10 KA)station class-2	No	3	5041.00	15123.00
22	11 KV Pin Insulator polymer type	No	3	284.00	852.00
23	HT Stay Set (Complete)	Set	2	1491.00	2982.00
24	HT Stay Insulator	No.	2	177.50	355.00
25	HT Stay Clamp(1.95 K.g/Pair)	Pair	2	71.60	143.20
26	7/10 SWG Stay Wire	KG	30	106.50	3195.00
27	GI Pipe for earthing 40mm dia 3mtr long	No	7	1491.00	10437.00
28	GI Nut, Bolt & washers of different sizes	Kg	25	110.76	2769.00
29	GI barbed wire/Anticlimbing device	No	6	113.60	681.60

30	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	3.009	106.50	320.46
31	Danger plate	Kg	2	113.60	227.20
32	Name Plate	No	1	113.60	113.60
33	Enamel Paint yellow	Ltr	2	216.00	432.00
34	Black paint with Barrel	Ltr	1	312.40	312.40
A	A. Sub total				988,883.95
B	B. Stock, Storage & Insurance @ 3% of A				29,666.52
C	Sub Total (C=A+B)				1,018,550.46
D	T&P @ 2% of C				18,125.89
E	Contingency @ 3% of C				30,556.51
F	Transportation @ 7.5% of C				76,391.28
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				35,709.98
H	Erection Charges @ 20% on PSC Poles				1,755.12
I	Erection Charges @ 10% for other materials				23,307.33
J	Total				1,204,396.58
35	Laying of PCC M20	M3	1.876	6648.85	12,473.24
36	PCC 1:3:6	M3	0.875	5247.48	4,591.55
37	Installation of 11 KV complete stay set with concrete	No	2	2301.53	4,603.06
38	Earth chamber including installation of earthing pipe	No	7	3784.73	26,493.11
39	Construction of Plinth for LT DB	No	1	6000.00	6,000.00
40	Construction of Plinth for Transformer	No	1	28000.00	28,000.00
41	Laying of cable upto 185 sq. mm to 400 sq. mm	Mtr.	60	73.65	4,419.00
42	Laying of c1.1 Kv 1C Cable 630 to 1000 sq. mm	Mtr.	120	96.66	11,599.20
43	Supply & erection GI fencing with Gate	M2	18	3682.44	66,283.92
44	Supply and crimping/fixing/connection of terminal AL 400 Lug	No	16	322.21	5,155.36
45	Supply and crimping/fixing/connection of terminal AL185 Lug	No	24	156.50	3,756.00
46	Supply and Installation of Gland/Cu TER	No	8	1227.48	9,819.84
47	Supply and Installation of 3.5/4 core ,120-185 sq. mm Gland/AL term	No	3	920.61	2,761.83
	Total Rs.				185,956.11
	Sub total Rs				1,390,352.69
III	CONSTRUCTION OF 11 KV LINE				
A	11 KV CUT POINT WITH 90 DEGREE ANGLE				
1	WPB GI Pole160X160x6(11 Mtr. Long ,30.44 Kg/Mtr.)	No	1	36804.27	36804.27
2	GI channel 100X50X6mm	Kg	57.589	106.50	6133.23
3	GI flat 50x6 mm	Kg	10.573	106.50	1126.02
4	Danger plate	No	1	113.60	113.60
5	GI Flat 25x3 mm	Kg	1.505	106.50	160.28
6	GI barbed wire/Anticlimbing device	No	3	113.60	340.80
7	11 KV Pin Insulator Polymer,11 KV 200 mm FRP Dia.	No	4	284.00	1136.00
8	11 KV Disc insulator polymer type 70 KN	No	9	1633.00	14697.00
9	11 KV H/W fitting polymer type	Pair	9	497.00	4473.00
10	Non metallicTies -11 KV 55 sq. mm CVRD AAAC	No	4	251.00	1004.00
11	IPC for 11 KV 55 sq. mm CVRD AAAC	No	9	550.00	4950.00
12	GI Spike	Set	2	332.00	664.00
13	Coil earthing	No	1	235.72	235.72
14	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.262	106.50	27.90
15	HT Stay Set (Complete)	Set	1	1491.00	1491.00
16	HT Stay Insulator	No.	1	71.00	71.00

17	HT Stay Clamp(150x150 mm RS Joist)	Pair	1	177.50	177.50
18	7/10 SWG Stay Wire ,7/3.25 mm	KG	15	106.50	1597.50
19	GI Nut , Bolt & Washer of different sizes (7.433 Kg each cut pole)	Kg	7.433	110.76	823.28
20	Enamel Paint yellow	Ltr.	2	216.00	432.00
21	Black paint with Barrel	Ltr.	0.5	312.40	156.20
A	A. Sub total				76,614.31
B	B. Stock, Storage & Insurance @ 3% of A				2,298.43
C	Sub Total (C=A+B)				78,912.74
D	T&P @ 2% of C				1,509.51
E	Contingency @ 3% of C				2,367.38
F	Transportation @ 7.5% of C				5,918.46
G	Erection Charges @ 5% for transformer and joist pole cost including stock, storage & insurance @3%				1,895.42
H	Erection Charges @ 20% on PSC Poles				
I	Erection Charges @ 10% for other materials				3,756.72
J	Total				94,360.22
22	Laying of PCC M20	M3	0.563	6648.85	3,743.30
23	Installation of 11 KV complete stay set with concrete	No	1	2301.53	2,301.53
	Total Rs.				100,405.06
B	11 KV PIN POINTS WITH WPB				
1	55 sq. mm XLPE Insulated AAAC Covered conductor	Mtr.	46.35	99.74	4622.95
A	A. Sub total				4,622.95
B	B. Stock, Storage & Insurance @ 3% of A				138.69
C	Sub Total (C=A+B)				4,761.64
D	T&P @ 2% of C				95.23
E	Contingency @ 3% of C				142.85
F	Transportation @ 7.5% of C				357.12
	Erection Charges @ 5% on poles				
G	Erection Charges @ 10%				476.16
H	Total				5,833.01
	Total Rs.				1,800,003.13
	Cess @ 1%				18000.03
	Total Estimated Cost				1,818,003.16
	Total Estimated Cost in Figures				1,818,003.00
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)