

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 TO CATER POWER SUPPLY TO AMA BUS STAND AT DEULIAPEDI UNDER POLOSARA BLOCK IN THE DISTRICT OF GANJAM.					
BID REF NO.- 53/PM/ELECT/OPHWC/2026-27					
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	11 KV PIN POINTS				
1	160x152 mm 11 Mtr. Long WPB GI Pole	No	1	27,300.82	27,300.82
2	11 KV V cross arm	No	1	851.00	851.00
3	GI Back clamp for 11 KV V cross Arm	No	1	140.00	140.00
4	Top Bracket 100x50x6 mm GI Channel	No	1	81.00	81.00
5	Danger plate	No	1	180.00	180.00
6	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.301	72.00	21.67
7	GI barbed wire/Anticlimbing device spike type	No	3	74.00	222.00
8	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	1.204	72.00	86.69
9	11 KV pin insulator polymer(11 KV ,5 KN)	No.	3	140.00	420.00
10	Earthing of Support (Coil Type)	No	1	164.00	164.00
11	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.262	74.00	19.39
12	GI Nut , Bolt & Washer of different sizes	Kg	1.445	74.00	106.93
13	Yellow colour paint for Background	Ltr	1	212.77	212.77
14	Black colour paint for numbering	Ltr	0.5	212.77	106.39
A	TOTAL MATERIAL COST				29,912.65
B	Stock, Storage & Insurance @ 3% of A				897.38
C	Sub Total (C=A+B)				30,810.03
D	Contingency @3% of C				924.30
E	T & P 2% of C				616.20
F	Transportation @ 7.5% of C				2,310.75
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				1,405.99
I	Erection Charges of other @ 10%				269.02
J	Sub Total Rs.				36,336.30
15	Concreting Ratio 1:1:5:3(500 mmx500mmx1800 mm)=0.45 Cu. Mtr.	No.	1	2,991.98	2,991.98
16	Couping Ratio 1:1:5:3(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.	No.	1	748.00	748.00
	Total Rs.				40,076.28
I	INSTALLATION OF 250 KVA S/S.				

1	250 KVA , 11/0.4 KV(CU) Transformer BIS Energy Level-II with off load tap changer IS 1180, ammendment-4	No	1	6,19,789.28	6,19,789.28
2	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	2	27,300.82	54,601.64
3	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)	K.g	53.536	78.00	4,175.81
4	AB switch mounting channel GI(75x40x6)mm,2.8mtr long(6.8Kg/mtr)with Galvanisation	K.g	39.984	78.00	3,118.75
5	HG fuse mounting channel GI(75x40x6)mm,2.8mtr long (6.8Kg/mtr)	K.g	39.984	78.00	3,118.75
6	AB switch operating Pipe Channel support 75x40x6 mm GI(625 mm Long)6.8 Kg/Mtr.	K.g	4.463	78.00	348.11
7	AB Switch Bottom Support Channel(GI) 75x40x4.8 mm	K.g	4.712	78.00	367.54
8	Braking support Channel-operating pipe 50x8 mm	K.g	1.549	78.00	120.82
9	Supporting Channel- TPMO operating Rod 75x40x4.8 mm	K.g	5.541	78.00	432.20
10	Danger plate	No	2	180.00	360.00
11	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.602	72.00	43.34
12	GI barbed wire/Anticlimbing device spike type	No	6	74.00	444.00
13	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	2.407	72.00	173.30
14	12 KV 10 KA 11 KV Lightning Arrester(SL, CL-II, with Disconnecter)	No	3	1,960.00	5,880.00
15	11 KV AB switch (200 Amp, 3 pole, 50 Hz)	Set	1	9,080.00	9,080.00
16	11 KV HG Fuse (200 Amp, 3 pole)with PI	Set	1	6,037.00	6,037.00
17	LT Distribution Box with MCCB, Aluminim Busbar for 250 KVA S/S.	No	1	55,267.00	55,267.00
18	11 KV pin insulator polymer(11 KV ,5 KN)	No.	3	140.00	420.00
19	Earthing of support Coil Type	No	2	164.00	328.00
20	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.262	74.00	19.39
21	H.T. Stay clamp, 50x8 mm. Flat(GI), 3.14Kg/Mtr., 0.551 Mtr. Length, 2 no's qty. required (1 Pair)	EA	4	260.00	1,040.00
22	H.T. Stay set (Complete)	SET	4	1,434.00	5,736.00
23	H.T. Stay Insulator Type-C	EA	4	87.00	348.00
24	7/10 SWG Stay Wire 15kg /stay	KG	40	77.00	3,080.00
25	1.1 KV AL 1 core 300 sq. mm Un-Armoured Cable	Mtr.	24	311.00	7,464.00
26	Gland for 1.1 KV AL 1Cx300 sq. mm	Nos.	4	482.88	1,931.52
27	Lug AL crimping 300 sq. mm XLPE single hole	Nos.	8	56.50	452.00
28	Wedge connector for 55 sq. mm conductor	Nos.	3	100.00	300.00
29	GI Nut, Bolt & washer of assorted size	Kg	26	74.00	1,924.00
30	40 mm nominal bore GI Pipe earthing	No.	7	1,300.00	9,100.00
31	GI Flat 25x6 mm	Kg	78.523	72.00	5,653.66
32	Yellow colour paint for Background	Ltr	2	212.77	425.54
33	Black paint	Ltr	1	212.77	212.77
34	Sundries	LS	1	5,000.00	5,000.00
A	TOTAL MATERIAL COST				8,06,792.43
B	Stock, Storage & Insurance @ 3% of A				24,203.77
C	Sub Total (C=A+B)				8,30,996.20
D	Contingency @3% of C				24,929.89
E	T & P 2% of C				16,619.92
F	Transportation @ 7.5% of C				62,324.71

G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				34,731.13
I	Erection Charges of other @ 10%				12,699.10
J	Sub Total Rs.				9,82,300.95
35	Concreting Ratio 1:1:5:3(500 mmx500mmx1800 mm)=0.45 Cu. Mtr.	No.	2	2,991.98	5,983.96
36	Couping Ratio 1:1:5:3(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.	No.	2	748.00	1,496.00
37	Stay concreting in ratio(1:2:4)as per TPSODL specification and drawing	Nos.	4	1,300.00	5,200.00
38	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	7	3,784.73	26,493.11
39	Plinth for Transformer(Civil construction)	No.	1	28,000.00	28,000.00
40	LT DB Plinth	No.	1.00	7,000.00	7,000.00
41	Brick Boundary wall Fencing 5Mx4M	RM	18	7,300.08	1,31,401.44
42	survey and Digitalisation of New DSS	No.	1	6,883.00	6,883.00
	Total Rs.				11,94,758.46
III	LAST SPAN TO METERING UNIT				
1	3Cx50 sq. mm 11 KV XLPE cable(armoured)A2XFY	Mtr.	73.5	859.00	63,136.50
2	Heat shrinkable jointing kit for 3Cx50 sq. mm 11 KV XLPE cable (outdoor)type	No.	4	2,060.00	8,240.00
3	12 KV 10 KA LA	No.	3	1,960.00	5,880.00
4	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	2	1,300.00	2,600.00
5	50X6 mm GI flat for earthing	Kg	47.2	72.00	3,398.40
6	H.T. Stay clamp, 50x8 mm. Flat(GI), 3.14Kg/Mtr., 0.551 Mtr. Length, 2 no's qty. required (1 Pair)	No.	1	260.00	260.00
7	H.T. Stay set (Complete)	No.	1	1,434.00	1,434.00
8	H.T. Stay Insulator Type-C	No.	1	87.00	87.00
9	7/10 SWG Stay Wire 15kg /stay	Kg	14.443	79.00	1,141.00
10	GI Nuts, Bolts of assorted size	Kg	8	74.00	592.00
11	Pole clamp for eye Hook for AB cable	No.	6	240.00	1,440.00
12	Eye Hook for XLPE Areial Bunched Cable	No.	6	75.00	450.00
13	Conductor Dead End clamp suitable for bare messenger XLPE AB Cable(25-70 sq. mm)	Nos.	6	217.00	1,302.00
14	Straight cross Arm GI Channel 100x50x5 mm ,9.56 KG/Mtr.	Kg	45.888	78.00	3,579.26
15	J Clamp for XLPE cable 25x6 mm Flat	No	70	80.00	5,600.00
16	Sundries	Set	1	500.00	500.00
A	TOTAL MATERIAL COST				99,640.16
B	Stock, Storage & Insurance @ 3% of A				2,989.20
C	Sub Total (C=A+B)				1,02,629.37
D	Contingency @3% of C				3,078.88
E	T & P 2% of C				2,052.59
F	Transportation @ 7.5% of C				7,697.20
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				10,262.94
J	Sub Total Rs.				1,25,720.97
17	Material for earthing including masonry work for earth pit, salt, charcoal earthing chamber size(2'x2')RCC slab cover.	No	2	3,784.73	7,569.46
18	survey and Digitalisation of 11 KV Line	Km	0.07	10,470.00	732.90
					1,34,023.33

IV	Acessories for LT Metering(EV)				
1	Cable 1.1 KV AL 4Cx150 sq. mm XLPE Armoured	Mtr.	30	850.00	25,500.00
2	GI Nuts, Bolts of assorted size	Kg	1.6	74.00	118.40
3	GI Flat 25x4 mm 3 pcs of size	Kg	1.067	72.00	76.82
4	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.348	74.00	25.75
5	Sundries	No.	1	500.00	500.00
A					26,220.98
B	Stock, Storage & Insurance @ 3% of A				786.63
C	Sub Total (C=A+B)				27,007.61
D	Contingency @3% of C				810.23
E	T & P 2% of C				540.15
F	Transportation @ 7.5% of C				2,025.57
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				2,700.76
H	TOTAL RS.				33,084.32
IV	Associated material metering consumer Part(EV)				
1	Cable 1.1 KV AL 4Cx10 sq. mm XLPE Armoured	Mtr.	1	102.00	102.00
2	IPC Type-B (EP 95 LT ABC 16-95 & 1.5 -16 sq. mm)	No.	3	36.93	110.79
3	Neutral connector type-B 35-70 sq. mm & 2.5-10 sq. mm.	No.	1	39.60	39.60
4	Kit Kat Fuse 300 Amp	No.	3	1,459.00	4,377.00
5	Sundries(Saddle, M-seal , Tape)	No.	1	500.00	500.00
A					5,129.39
B	Stock, Storage & Insurance @ 3% of A				153.88
C	Sub Total (C=A+B)				5,283.27
D	Contingency @3% of C				158.50
E	T & P 2% of C				105.67
F	Transportation @ 7.5% of C				396.25
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				528.33
H	TOTAL RS.				6,472.01
V	Dismatling of 9 Mtr. PSC Pole	No.	1	950.00	950.00
	Total Rs.				950.00
VI	Acessories for LT Metering(ABS)				
1	Cable 1.1 KV AL 4Cx50 sq. mm XLPE Armoured	Mtr.	30	311.00	9,330.00
2	GI Nuts, Bolts of assorted size	Kg	1.5	74.00	111.00
3	GI Flat 25x4 mm 3 pcs of size	Kg	1.067	72.00	76.82
4	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.348	74.00	25.75
5	Sundries	No.	1	500.00	500.00
A					10,043.58
B	Stock, Storage & Insurance @ 3% of A				301.31
C	Sub Total (C=A+B)				10,344.88
D	Contingency @3% of C				310.35
E	T & P 2% of C				206.90
F	Transportation @ 7.5% of C				775.87
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				1,034.49
H	TOTAL RS.				12,672.48

VII	Associated material metering consumer Part(ABS)				
1	Cable 1.1 KV AL 4Cx10 sq. mm XLPE Armoured	Mtr.	1	102.00	102.00
2	IPC Type-B (EP 95 LT ABC 16-95 & 1.5 -16 sq. mm)	No.	3	36.93	110.79
3	Neutral connector type-B 35-70 sq. mm & 2.5-10 sq. mm.	No.	1	39.60	39.60
4	Kit Kat Fuse 200 Amp	No.	3	877.00	2,631.00
5	Sundries(Saddle, M-seal , Tape)	No.	1	500.00	500.00
A					3,383.39
B	Stock, Storage & Insurance @ 3% of A				101.50
C	Sub Total (C=A+B)				3,484.89
D	Contingency @3% of C				104.55
E	T & P 2% of C				69.70
F	Transportation @ 7.5% of C				261.37
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				348.49
H	TOTAL RS.				4,268.99
	Sub Total Rs.				14,26,305.87
	Cess @ 1%				14,263.06
	Total Estimated Cost				14,40,568.93
	Total Estimated Cost in Figures				14,40,569.00
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)**