

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 :- 09 AS PER IFB****NAME OF THE WORK :-EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO AUTOMATED TESTING STATION (ATS) AT GIRISOLA IN THE DISTRICT OF GANJAM.****BID REF NO.- 14/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.
	PART-A				
I	Construction of 3 Ph 3 W 11 KV Line using 55 sq. mm AAAC.				
1	160x152 mm 11 Mtr. Long WPB GI Pole with Base Plate 300x300x12	No	9	27,310.20	245,791.80
2	9 Mtr. Long 300 KG PSC Pole	No	4	4,440.00	17,760.00
3	160x152 mm 13 Mtr. Long WPB GI Pole with Base Plate 300x300x12	No	2	32,688.10	65,376.20
4	100x50x6 mm GI channel for straight cross Arm(1.2 Mtrx2 Nos)(9.2 Kg/Mtr.),0.2 Mtr.for tapping & cut point pole	Kg	143.52	111.00	15,930.72
5	11 KV 'V' cross arm(10.2 Kg each)	No.	9	1,198.80	10,789.20
6	GI Back clamp for V Cross Arm	No.	9	118.40	1,065.60
7	11 KV F Clamp 2.9 Kg each	No.	9	355.20	3,196.80
8	11 KV Pin insulator polymer	No.	33	296.00	9,768.00
9	11KV Disc insulator T & C,45 KN polymer	No.	21	1,272.80	26,728.80
10	11KV H.W Fittings T&C 45KN, 2 Bolted	No.	21	192.40	4,040.40
11	100 sq. mm AAAC	Km	1.4963	81,400.00	121,794.75
12	PG Clamp for 100 sq. mm AAAC	No.	21	858.40	18,026.40
13	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	3.93	111.00	436.23
14	H.T. Stay clamp, 50x8 mm. Flat(GI), 3.14Kg/Mtr., 0.551 Mtr. Length, 2 no's qty. required (1 Pair)	EA	4	185.00	740.00
15	H.T. Stay set (Complete)	SET	4	1,554.00	6,216.00

16	H.T. Stay Insulator Type-C	EA	4	74.00	296.00
17	7/10 SWG Stay Wire 15kg /stay	KG	40	111.00	4,440.00
18	Stud clamp	No.	8	161.02	1,288.16
19	Coil earthing	No.	15	245.68	3,685.20
20	RCC Base Plate	No.	4	361.34	1,445.36
21	Danger Board	No	15	118.40	1,776.00
22	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	9.03	111.00	1,002.33
23	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	45	118.40	5,328.00
24	Back clamp for barbed wire anticlimbing device 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	18.05	111.00	2,003.55
25	GI Nuts, Bolts of assorted size	Kg	25	115.44	2,886.00
26	Sundries	LS	1	2,000.00	2,000.00
					573,811.50
II	Construction of 3 Ph 3 W 11 KV Line using 3Cx35 sq. mm XLPE Cable.				
27	3Cx50 sq. mm 11 KV XLPE cable(armoured)A2XFY	Mtr.	31.5	600.88	18,927.72
28	Heat shrinkable jointing kit for 3Cx35 sq. mm 11 KV XLPE cable (outdoor)type	No.	4	16,204.52	64,818.08
29	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	2	1,554.00	3,108.00
30	Conductor Dead End clamp suitable for bare messenger XLPE AB Cable(25-70 sq. mm)	Nos.	4	96.20	384.80
31	Eye Hook for XLPE Aerial Bunched Cable	No	4	88.80	355.20
32	Pole clamp for eye Hook for AB cable	No	4	296.00	1,184.00
33	XLPE Cable clamp to hold support wire	No.	31	26.36	830.08
34	7/12 SWG GI Saty wire for supporting XLPE cable	Kg	9.79	111.00	1,086.69
35	9 KV 5 KA LA	No.	3	1,480.00	4,440.00
36	25x4 mm GI flat for LA	Kg	20	111.00	2,220.00
37	75x40x6 mm GI channel for LA	Kg	16.32	111.00	1,811.52
38	GI Nuts, Bolts of assorted size	Kg	3	115.44	346.32
39	Sundries	LS	1	500.00	500.00
					100,012.41
III	Installation of 11 MU DP -1 No.				
40	160x152 mm 11 Mtr. Long WPB GI Pole with Base Plate 300x300x12	No	2	27,310.20	54,620.40
41	Earthing of support coil type	No	2	245.68	491.36
42	No. 8 GI wire (dia 4.6 mm)0.131 Kg/Mtr.-2 Mtr. For connecting pole with coil earthing	Kg	0.524	111.00	58.16
43	Top Pressure Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	111.00	5,718.72
44	Metering unit mounting Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)with Galvanisation	K.g	51.52	111.00	5,718.72
45	Channel GI(75x40x6)mm, for Bracing, 2.8 Mtr. Long 2 Nos(6.8Kg/mtr)	K.g	38.08	111.00	4,226.88

46	50x50x6 mm. MS Angle for cross Bracing 4 Mtr. Long 2 Nos. @ 6.8 Kg/Mtr.-	Kg.	36	111.00	3,996.00
47	50x50x6 mm. MS Angle for back piece of bracing Channel of 0.2 Mtr. Long 4 Nos. @4.5 Kg/Mtr.	Kg.	3.6	111.00	399.60
48	11 KV LA(9 KV, 10 KA)	No.	3	1,480.00	4,440.00
49	GI Nuts, Bolts of assorted size	Kg	10	115.44	1,154.40
50	GI Pipe earthing 40 Dia Medium gauge 3 mtrs long for earthing device	No	3	1,554.00	4,662.00
51	25x6 mm GI flat@ 1.2 Kg/mtr.	Kg	30	111.00	3,330.00
52	HT stay set (Complete)REC Construction standard	No.	2	1,554.00	3,108.00
53	7/10 SWG GI Saty wire, grade-2	Kg	20	111.00	2,220.00
54	HT stay Insulator, Type-C	No.	2	74.00	148.00
55	Stay clamp(1.9 Kg/Pair)	pair	2	185.00	370.00
56	Danger Board	No	2	118.40	236.80
57	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.2	111.00	133.20
58	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	118.40	710.40
59	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr.	Kg	2.41	111.00	267.51
60	Sundries	No.	1	500.00	500.00
					96,510.15
	A.Sub Total Rs.				770,334.06
B	Stock,storage and insurance (@3% on A)				23,110.02
C	TOTAL RS.				793,444.08
D	T&P @ 2% of C				15,868.88
E	Contingency @ 3% of C				23,803.32
F	Transportation @ 7.5% of C				59,508.31
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				62,335.59
H	TOTAL RS.				954,960.18
61	Stay/ Stud pole concreting in ratio 1:2:4 as per TPSODL specification and drawing =0.2 cum @6648.85	Nos.	10	1,300.00	13,000.00
62	Concreting of 13 Mtr. WPB Pole in ratio 1:1:5:3	Nos.	2	3,656.87	7,313.74
63	Concreting of 11 Mtr. WPB Pole in ratio 1:1:5:3	Nos.	11	2,991.98	32,911.78
64	Couping in ratio 1:1:5:3=0.1125 Cum @6648.85	Nos.	13	748.00	9,724.00
65	Material for earthing including masonry work for earth pit, salt, charcoal earthing chamber size(2'x2')RCC slab cover.	No	5	1,600.00	8,000.00

66	Labour charges for Dismantling of 100 sq. mm AAAC	Mtr.	1320	9.20	12,144.00
67	Dismatling of 9 Mtr. PSC Pole	No.	13	920.81	11,970.53
	Total Rs.				95,064.05
	Sub Total Rs.				1,050,024.23
	PART-B				
I	INSTALLATION OF 250 KVA S/S.				
1	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	2	27,310.20	54,620.40
2	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)	K.g	51.52	111.00	5,718.72
3	Transformer Base GI channel 75x40x6mm channel 2.8 mtr long,2 Nos.9.2 K.g/mtr)	K.g	51.52	111.00	5,718.72
4	AB switch mounting channel GI(75x40x6)mm,2.8mtr long(6.8Kg/mtr)with Galvanisation	K.g	38.08	111.00	4,226.88
5	HG fuse mounting channel GI(75x40x6)mm,2.8mtr long (6.8Kg/mtr)	K.g	38.08	111.00	4,226.88
6	Transformer Belting Angle 50x50x6mm , 2.8 mtr long,2 Nos.4.5 K.g/mtr)with side angle	K.g	31.5	111.00	3,496.50
7	AB switch operating Pipe Channel support 75x40x6 mm GI(625 mm Long)6.8 Kg/Mtr.	K.g	4.25	111.00	471.75
8	AB Switch Side Support Channel(GI) 75x40x4.8, 330 mm Long,7.14 Kg/Mtr.	K.g	6.59	111.00	731.49
9	HG Fuse Side Support Channel(GI) 75x40x4.8, 330 mm Long,7.14 Kg/Mtr.	K.g	6.59	111.00	731.49
10	Cantilever GI Channel for supporting 75X40x6mm. 0.810mtr. Long 2 Nos. (6.8kg./mtr.)	Kg	5.508	111.00	611.39
11	AB switch operating Pipe Diagonal Angle support 50x50x6 mm GI(388 mm Long)4.5 Kg/Mtr.	K.g	1.746	111.00	193.81
12	AB switch operating Pipe Diagonal base Angle support 50x50x6 mm GI(340 mm Long)4.5 Kg/Mtr.	K.g	1.53	111.00	169.83
13	Cantilever GI support Angle 50x50x6mm. 1282 mm Long (4.5 kg./mtr.)	Kg	5.769	111.00	640.36
14	LT DB mounting supporting GI Angle 75x40x6 mm ,3 mtr. Long(6.8 Kg/Mtr.)	Kg	20.4	111.00	2,264.40
15	Disc insulator 45 KN (T&C) Polymer	No.	3	1,272.80	3,818.39
16	11 KV HW fitting (T&C) 45 KN	No	3	192.40	577.19
17	11 KV AB switch (400 Amp, 3 pole, 50 Hz)	Set	1	17,538.00	17,538.00
18	11 KV HG Fuse (400 Amp, 3 pole)with PI	Set	1	17,064.40	17,064.40
19	9 KV 10 KA 11 KV Lightning Arrester	No	3	1,480.00	4,440.00
20	LT Distrubution Box with MCCB, Aluminim Busbar for 250 KVA S/S.	No	1	71,040.00	71,040.00
21	LT 3.5 core 300 sq. mm PVC Cable(Un-armoured)	Mtr.	30	1,471.12	44,133.56
22	100 sq. mm AAAC	Km	0.05	81,400.00	4,070.00

23	PG clamp for 100 sq. mm AAAC	No.	3	858.40	2,575.20
24	25x6 mm GI Flat	Kg	53.6	111.00	5,949.60
25	H.T. Stay clamp, 50x8 mm. Flat(GI), 3.14Kg/Mtr., 0.551 Mtr. Length, 2 no's qty. required (1 Pair)	EA	2	185.00	370.00
26	H.T. Stay set (Complete)	SET	2	1,554.00	3,108.00
27	H.T. Stay Insulator Type-C	EA	2	74.00	148.00
28	7/10 SWG Stay Wire 15kg /stay	KG	20	111.00	2,220.00
29	GI Pipe earthing 40 mm dia 3 Mtr. Long	No	7	1,554.00	10,878.00
30	Earthing of support Coil Type	No	2	245.68	491.36
31	GI Nut, Bolt & washer of assorted size	Kg	30	115.44	3,463.22
32	Danger plate	Kg	2	118.40	236.80
33	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.6018	111.00	66.80
34	GI barbed wire/Anticlimbing device	No	6	118.40	710.40
35	Back clamp for Anticlimbing Device 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 4 Nos=(4x0.59x0.510)	Kg	2.4072	111.00	267.20
36	250 KVA , 11/0.4 KV(CU) Transformer BIS Energy Level-II with off load tap changer IS 1180, ammendment-4	No	1	619,789.28	619,789.28
37	Yellow colour paint for Background(GIS Numbering & Zebra stripping)for Background	Ltr	2	212.77	425.54
38	Black paint	Ltr	1	311.89	311.89
39	Sundries	LS	1	1,000.00	1,000.00
A	TOTAL MATERIAL COST				898,515.44
B	Stock, Storage & Insurance @ 3% of A				26,955.46
C	Sub Total (C=A+B)				925,470.90
D	Contingency @3% of C				27,764.13
E	T & P 2% of C				18,509.42
F	Transportation @ 7.5% of C				69,410.32
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				34,732.09
I	Erection Charges of other @ 10%				23,082.89
J	Sub Total Rs.				1,098,969.75
28	Concreting Ratio 1:1:5:3(500 mmx500mmx1800 mm)=0.45 Cu. Mtr.	No.	2	2,991.98	5,983.96
29	Couping Ratio 1:1:5:3(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.	No.	2	748.00	1,496.00
30	Stay concreting in ratio(1:2:4)as per TPSODL specification and drawing	Nos.	2	1,300.00	2,600.00
31	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	1,600.00	11,200.00

32	Plinth for Transformer(Civil construction)	No.	1	32,181.60	32,181.60
33	Brick Boundary wall Fencing 5Mx4M	No	1	131,402.00	131,402.00
34	survey and Digitalisation of New DSS	No.	1	6,883.00	6,883.00
	Total Rs.				1,290,716.31
	Sub Total Rs.				2,340,740.54
	Cess @ 1%				23,407.41
	Total Estimated Cost				2,364,147.94
	Total Estimated Cost in Figures				2,364,148.00
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)