

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 :- 04 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO AUTOMATE TESTING STATION (ATS) AT BHANJANAGAR IN THE DISTRICT OF GANJAM.

BID REF NO - 35/PM/ELECT/OPHWC/2026-27

NAME & ADDRESS OF THE FIRM	
SCHEDULE OF WORKS	
I	Construction of 3P 3W 11 KV LT Line with 3Cx50mm ² XLPE cable -0.015 Km
1	11 KV 70KN Polymer Disc Insulator No. 3 150.00 450.00
2	HW Fittings (B & S) 70KN 3 bolt Set 3 412.00 1,236.00
3	100X50X6 mm Channel for straight cross Arm Kg 24 78.00 1,834.56
4	Cable 1.1 KV AL. 3C x50 sq.mm. XLPE Round Armoured. Mtr. 16 859.00 13,529.25
5	Jointing Terminal KIT for 3Cx50 sq.mm. XLPE cable (Outdoor type) No 2 1,610.17 3,220.34
6	GI Pipe Earthing 40mm Dia medium gauge (3.25mm thick ness) 3 mtr long. No 2 1,300.00 2,600.00
7	Eye hook for (XLPE) cable No. 1 75.00 75.00
8	Pole clamp for eye Hook for (XLPE Cable) Pair 1 240.00 240.00
9	XLPE Cable clamp to hold support wire No 16 26.36 415.22
10	7/12 SWG Stay Wire Kg 5 79.00 362.61
11	12KV,10KA (Station CL-II) without surge countar No 3 1,960.00 5,880.00
12	50x6mm GI Flat for earthing 2.36kg/mtr, (2.5mtr for mesh formation and 2.5mtr for raising)=5x2.36 Kg 24 72.00 1,699.20
13	GI Nut, Bolt & washer Kg 2 74.00 148.00
14	Saundries No. 1 100.00 100.00
A	TOTAL MATERIAL COST 31,790.18
II	Installation of 11 KV metering unit with cantilever arrangement=01 No.
15	Cantilever GI Channel for supporting metering unit, 75x40x6=2.8 long, 2nos (6.8kg per mtr.) Kg 38 78.00 2,970.24
16	Cantilever channel for supporting metering unit, 75x40x6mm GI Channel @ 6.8kg/mtr (1.0mtrs, Long 4 nos) Kg 27 78.00 2,121.60
17	Angle for Cantilever arrangement for metering unit 50x50x6mm GI Angle 1mtr long each 4 Nos @4.5kg/mtr. Kg 18 78.00 1,404.00
18	GI Nut, Bolt & washer Kg 5 74.00 370.00
19	40 mm Nominal bore GI Pipe (medium gauge) earthing device with 3mtr long. No 1 1,300.00 1,300.00

20	25 x3 mm GI Flat	kg	15	72.00	1,080.00
21	No. 8 SWG GI wire (4.06 mm dia)	Kg	3	74.00	222.00
22	Sundries for clamp, connector, binding tape etc.	Ls	1	500.00	500.00
	Total Rs.				9,967.84
A	TOTAL MATERIAL COST				41,758.02
B	Stock, Storage & Insurance @ 3% of A				1,252.74
C	Sub Total (C=A+B)				43,010.76
D	Contingency @3% of C				1,290.32
E	T & P 2% of C				860.22
F	Transportation @ 7.5% of C				3,225.81
G	Erection Charges for PSC Pole @ 20%				
H	Erection Charges of DTR and Joist Poles @ 5%				
I	Erection Charges of other @ 10%				4,301.08
J	Sub Total Rs.				52,688.18
23	Materials for Massionary work for Earth Pit, Charcoal, Salt etc including construction of eathing chamber (2"x2") and RCC slab cover	No.	3	1,600.00	4,800.00
24	Survey of incremental/delta network and assets changes of 11 KV network and updatation in GESW database.	Km	0.015	9,633.00	144.50
	Total Rs.				57,632.68
II	INSTALLATION OF 250 KVA S/S.				
1	WPB GI Pole160X152(11 Mtr. Long ,30.44 Kg/Mtr.)	No	2	27,300.82	54,601.64
2	Top Pressure GI Channel 100x50x6mm each 2.8 mtr long, 2 Nos.(9.2K.g/mtr)	K.g	51.52	78.00	4,018.56
3	Transformer Base GI channel 75x40x6mm channel 2.8 mtr long,2 Nos.9.2 K.g/mtr)	K.g	51.52	78.00	4,018.56
4	AB switch mounting channel GI(75x40x6)mm,2.8mtr long(6.8Kg/mtr)with Galvanisation	K.g	38.08	78.00	2,970.24
5	HG fuse mounting channel GI(75x40x6)mm,2.8mtr long (6.8Kg/mtr)	K.g	38.08	78.00	2,970.24
6	Transformer Belting Angle 50x50x6mm , 2.8 mtr long,2 Nos.4.5 K.g/mtr)with side angle	K.g	31.5	78.00	2,457.00
7	AB switch operating Pipe Channel support 75x40x6 mm GI(625 mm Long)6.8 Kg/Mtr.	K.g	4.25	78.00	331.50
8	AB Switch Side Support Channel(GI) 75x40x4.8, 330 mm Long,7.14 Kg/Mtr.	K.g	6.59	78.00	514.02
9	HG Fuse Side Support Channel(GI) 75x40x4.8, 330 mm Long,7.14 Kg/Mtr.	K.g	6.59	78.00	514.02
10	Cantilever GI Channel for supporting 75X40x6mm. 0.810mtr. Long 2 Nos. (6.8kg./mtr.)	Kg	5.508	78.00	429.62
11	AB switch operating Pipe Diagonal Angle support 50x50x6 mm GI(388 mm Long)4.5 Kg/Mtr.	K.g	1.746	78.00	136.19
12	AB switch operating Pipe Diagonal base Angle support 50x50x6 mm GI(340 mm Long)4.5 Kg/Mtr.	K.g	1.53	78.00	119.34
13	Cantilever GI support Angle 50x50x6mm. 1282 mm Long (4.5 kg./mtr.)	Kg	5.769	78.00	449.98
14	LT DB mounting supporting GI Angle 75x40x6 mm ,3 mtr. Long(6.8 Kg/Mtr.)	Kg	20.4	78.00	1,591.20

15	Disc insulator 45 KN (T&C) Polymer	No.	3	150.00	450.00
16	11 KV HW fitting (T&C) 45 KN	No	3	412.00	1,236.00
17	11 KV AB switch (200 Amp, 3 pole, 50 Hz)	Set	1	9,080.00	9,080.00
18	DO Fuse (11 KV,200 Amp, 3 pole)	Set	1	3,214.00	3,214.00
19	10 A Fuse Link	No.	3	40.00	120.00
20	12 KV 10 KA 11 KV Lightning Arrester	No	3	1,960.00	5,880.00
21	LT Distrubution Box with MCCB, Aluminim Busbar for 250 KVA S/S.	No	1	55,267.00	55,267.00
22	LT 3.5 core 300 sq. mm PVC Cable(Un-armoured)	Mtr.	30	1,471.12	44,133.56
23	100 sq. mm AAAC	Km	0.05	78.41	3.92
24	PG clamp for 100 sq. mm AAAC	No.	3	148.00	444.00
25	25x6 mm GI Flat	Kg	53.6	72.00	3,859.20
26	H.T. Stay clamp, 50x8 mm. Flat(GI), 3.14Kg/Mtr., 0.551 Mtr. Length, 2 no's qty. required (1 Pair)	EA	2	260.00	520.00
27	H.T. Stay set (Complete)	SET	2	1,434.00	2,868.00
28	H.T. Stay Insulator Type-C	EA	2	87.00	174.00
29	7/10 SWG Stay Wire 15kg /stay	KG	20	77.00	1,540.00
30	GI Pipe earthing 40 mm dia 3 Mtr. Long	No	7	1,300.00	9,100.00
31	Earthing of support Coil Type	No	2	164.00	328.00
32	No.8 GI wire(dia 4.6 mm),0.131Kg/Mtr.	Kg	2	74.00	148.00
33	GI Nut, Bolt & washer of assorted size	Kg	30	74.00	2,220.00
34	Danger plate	Kg	2	180.00	360.00
35	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	72.00	43.33
36	GI barbed wire/Anticlimbing device	No	6	74.00	444.00
37	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	72.00	173.32
38	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
39	Yellow colour paint for Background(GIS Numbering & Zebra stripping)for Background	Ltr	2	212.77	425.54
40	Black paint	Ltr	1	311.89	311.89
41	Sundries	LS	1	1,000.00	1,000.00
A	TOTAL MATERIAL COST				838,255.15
B	Stock, Storage & Insurance @ 3% of A				25,147.65
C	Sub Total (C=A+B)				863,402.81
D	Contingency @3% of C				25,902.08
E	T & P 2% of C				17,268.06
F	Transportation @ 7.5% of C				64,755.21
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%				16,878.02
J	Sub Total Rs.				1,022,937.31
40	Concreting Ratio 1:1:5:3(500 mmx500mmx1800 mm)=0.45 Cu. Mtr.	No.	2	2,991.98	5,983.96
41	Couping Ratio 1:1:5:3(500 mmx500mmx450 mm)=0.1125 Cu. Mtr.	No.	2	748.00	1,496.00
42	Stay concreting in ratio(1:2:4)as per TPSODL specification and drawing	Nos.	2	1,329.77	2,659.54

43	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
44	Plinth for Transformer(Civil construction)	No.	1	32,181.60	32,181.60
45	Brick Boundary wall Fencing 5Mx4M	RM	18	7,300.12	131,402.16
46	survey and Digitalisation of New DSS	No.	1	6,883.00	6,883.00
	Total Rs.				1,214,743.57
	Sub Total Rs.				1,272,376.25
	Cess @ 1%				12,723.76
	Total Estimated Cost				1,285,100.01
	Total Estimated Cost in Figures				1,285,100.00
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)