THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR - 22
[Electrical Division]
Ph: 0674-2541545, 2542921, Fax: 0674-2541543
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PRICE BID FOR THE WORK UNDER SL. NO :- 03 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO 6-E TYPE STAFF QUARTERS AT SEMILIGUDA POLICE STATION IN THE DISTRICT OF KORAPUT.

BID REF NO.- 56/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	**Construction of 3P 3W Line with 3Cx50mm2 XLPE Cable of 0.12 Km**				
1	Wedge Connector for 55 sq. mm Conductor	No	3.00	100.00	300.00
2	LA (12KV, 10KA) Station Class.	No	1.50	1960.00	2940.00
3	GI Pipe earthing 40 mm dia medium gauge (3.25mm thickness) 3 mtr long	No	1.00	1300.00	1300.00
4	50x6mm GI Flat for earthing 2.36kg/mtr.	No	11.80	72.00	849.60
5	GI Nut , Bolt & Washer of different sizes	Kg	6.00	74.00	444.00
6	3Cx50mm2 11 KV XLPE Cable (Arm), A2XWay	Mtr	126	859.00	108234.00
7	HS Jt. Kit O/D 3Cx50mm2 11 KV XLPE cable.	No	2.00	2060.00	4120.00
8	7/12 SWG GI Stay Wire	Kg	60.00	79.00	4740.00
9	Pole Clamp for Eye hook for XLPE cable.	Pair	2.00	240.00	480.00
10	Eye Hook	No	2.00	75.00	150.00
11	Str. X arm GI Channel 100x50x5mm, 9.56Kg/mtr.	Kg	11.47	78.00	894.82
12	J Clamp for XLPE cable 25X6 MM Flat.	No	120.00	80.00	9600.00
13	Socket Crimping AL 50 Sqmm Cable.	No	3.00	14.43	43.30
14	Sundries	Set	1.00	1000.00	1000.00
	Total Rs.				**135095.71**
II	**INSTALLATION OF 100 KVA S/S.**				
15	100 KVA, 11/0.4 KV(AL) transformer	No	1.00	189025.00	189025.00
16	Top Channel 100x50x5 mm	Kg	53.54	78.00	4175.81
17	Trf. Base channel 100x50x5mm	Kg	53.54	78.00	4175.81
18	AB Switch Mounting Channel 75x40x4.8 mm GI	Kg	39.98	78.00	3118.75
19	HG Fuse mounting channel 75x40x4.8mm	Kg	39.98	78.00	3118.75
20	AB switch Op. Pipe Channel Supp 75x40x4.8mm	Kg	4.463	78.00	348.11
21	AB switch Bottom Supp. Channel75x40x4.8mm	kg	4.712	78.00	367.54
22	Braking Supp. Channel-op pipe 50x8mm	Kg	1.549	72.00	111.53

23	Supp. Channel TPMO Op, Rod 75x40x4.8mm	Kg	5.541	78.00	432.20
24	LTDB Support Channel 75x40x4.8mm	Kg	21.42	78.00	1670.76
25	Fish Plate 50x8 mm, each 0.280mtr.	Kg	5.275	78.00	411.45
26	Back Clamp for LTDB of Length 0.801 mtr	Kg	5.03	78.00	392.34
27	Danger Plate	No	2	180.00	360.00
28	Back Clamp for Danger danger Plate 25x3mm flat	kg	0.602	78.00	46.96
29	GI barbed wire/Anticlimbing device	Kg	6	74.00	444.00
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	2.41	78.00	187.75
31	LA,12 KV, 10KA (SL,CL-II, with Disconnector)	No	3	1960.00	5880.00
32	11 KV AB switch (200 Amp, 3 pole, 50 HZ)	Set	1	9080.00	9080.00
33	11 KV HG Fuse (200 Amp, 3 pole, 50HZ) with PI	Set	1	6037.00	6037.00
34	LT Distribution Box with MCCB for 100 KVA S/S	No	1	31086.01	31086.01
35	HT Stay Clamp	pair	2	260.00	520.00
36	HT Stay Set (Complete)	Set	2	1434.00	2868.00
37	HT Stay Insulator	No.	2	87.00	174.00
38	7/10 SWG Stay Wire	KG	20	77.00	1540.00
39	1.1KV AI 1Cx150sqmm Un-armoured cable	Mtr	48	162.00	7776.00
40	Lug AL. Crimping 150 sqmm XLPE Single hole	No	8	42.34	338.71
41	Conductor 55 sqmm ACSR Rabbit PVC Insulated	Mtr	20	41.50	830.00
42	GI Nut, Bolt & washer	Kg	25	74.00	1850.00
43	40mm nominal bore GI pipe (medium gauge) earthing device with 3 mtr long.	No	7	1300.00	9100.00
44	25x6 mm GI flat	Kg	78.523	72.00	5653.66
45	Black Paint	Ltr	1	212.77	212.77
46	Yellow Colour Paint for Background	Ltr	2	212.77	425.54
47	Sundries	Ls	1.00	2000.00	2000.00
				Total Rs.	**2,93,758.44**
III	**LT LINE 4x50+1x50x16mm2 XLPE AB cable =0.35 KM**				
48	1.1 KV LT AB Cable(4x50+1x50+1x16) sq.mm.	Km	0.3	228000.00	68787.60
49	9 Mtr Long 300 Kg PSC Pole	No	3.00	3630.00	10890.00
50	8 Mtr Long 200 Kg PSC Pole (for stud)	No	2.00	2390.00	4780.00
51	Base plate for support PSC Pole	No	5.00	361.34	1806.69
52	LT stay Set	Set	2	736.00	1472.00
53	7/12 SWG Stay Wire	Kg	8	79.00	632.00
54	LT Stay Clamp	Pair	2	350.00	700.00
55	LT Stay Insulator	No	2	19.00	38.00
56	Pole clamp for eye Hook for (XLPE Cable)	No	15.00	240.00	3600.00
57	Eye Hook for (XLPE AB Cable)	Pair	6.00	75.00	450.00
58	Dead End Clampfor LT ABC 25-95 mm2	No	6.00	217.00	1302.00
59	Suspension clamp with eye Hook for ABC	pair	9.00	193.00	1737.00
60	Cable 1.1KV AI 4Cx25sqmm Armoured.	Mtr	24.00	194.00	4656.00
61	CAP Cable End for 35 sqmm ABC	No	8.00	9.71	77.69
62	Dist. Box LT Polycarnate 10 way	No	12.00	920.00	11040.00

63	IPC TypeB main 16 to 150 sq.mm. & tap-4 to 50 sq.mm. (Cable to Box)	No	48.00	98.20	4713.76
64	IPC Type B main 10 to 95 sq.mm. & Tap-1.5 to 10 (16) sq.mm. (street Light)	No	1.00	34.25	34.25
65	IPC Type B main 25 to 150 sq.mm. & Tap-25 to 150 sq.mm. (Cable to Cable)	No	3.00	98.35	295.04
66	Buckless for Steel Strap	No	0.60	705.00	423.00
67	Steel Strap size 20mmx50m Long	Rol	0.60	1584.03	950.42
68	Earthing support coil type	No	5.00	164.00	820.00
69	No-8 GI wire (Dia 4.6mm) 0.131 Kg/mtr	No	1	74.00	96.94
70	Board Danger 400/440 Volt.	No	5	180.00	900.00
71	Back Clamp for danger Plate 25x3 mm flat	Kg	1.505	78.00	117.39
72	GI Nut , Bolt & Washer of different sizes	Kg	8.5	74.00	629.00
73	Clamp for Support Strut Pole	Pair	2	260.00	520.00
74	Black Paint	Ltr	2.5	212.77	531.93
75	Yellow Colour Paint for Background	Ltr	5	212.77	1063.86
76	Sundries	LS	1.00	500.00	500.00
	Sub Total				**123564.58**
A				**A. Sub total**	**5,52,418.73**
B				**B. Stock, Storage & Insurance @ 3% of A**	**16,572.56**
C				**Sub Total (C=A+B)**	**5,68,991.30**
D				**T&P @ 2% of C**	**11,379.83**
E				**Contigency @ 3% of C**	**17,069.74**
F				**Transportation @ 7.5% of C**	**42,674.35**
G				**Erection Charges @ 20% on PSC poles**	**3,228.02**
H				**Erection Charges of DTR and Joist Poles @ 5%**	**9,734.79**
I				**Erection Charges @ 10%**	**35,815.54**
J				**Total**	**6,88,893.56**
	Dismantling Charges.				
77	Dismantle of 25 KVA Transformer	No	1	1534.35	**1,534.35**
78	Dismantle of GO/AB Switch/istr (11/33KV)	Set	1	1200.00	**1,200.00**
79	Dismantle of Lightening Arrester (LA)	No	1	162.12	**162.12**
80	Dismantle Steel Structure	Kg	184	5.69	**1,046.96**
	Sub-Total Rs				**3,943.43**
	CIVIL ITEMS				
81	Stay concreting in ratio 1;2;4	No	4	1300.00	**5,200.00**
82	Supply & installation of earthing pipe with 40mm dia 3Mtr long Class-B GI Pipe with earth chamber as per specification and drawing (each pit resistance will be measured and recorded and shall be as per scope electrode, earthing compound 25Kg bentonide power, Nuts-Bolts,40 mm dia 3mtr GI Pipe & PVC pipe PCC and brick work for earhing chamber (size 2'x2') and RCC or other suitable slab cover and within limit to	No	8	5100.00	**40,800.00**
83	Concreting of poles in ratio 1;1;5;3, for 9mtr WPB, 9/8 Mtr PSC Pole 0.375 Cum	No	5	2493.32	**12,466.61**
84	Couping of pole in ration 1;1;5;3, for 13,11mtr WPB & 10.9.8mtr PSC Pole 0.1125 Cum	No	5	748.00	**3,740.00**

85	Civil cost for making TRF plinth (250KVA/500KVA)	Ls	1	28000.00	**28,000.00**
86	Brick boundary wall fencing with Gate, sand & Metal Spreading	No	12	7300.08	**87,600.92**
87	Survey and digitzation of New DSS and its internal attibutes	No	1	6883.00	**6,883.00**
88	Survey of incremental/delta network and assets changes of 11kv network and updation in GESW	Km	0.12	9633.00	**1,155.96**
89	Survey of incremental/delta network and assets changes of LT network and updation in GESW database.	Km	0.35	9633.00	**3,371.55**
	Total Rs.				**189218.04**
				Sub Total Rs.	**8,82,055.02**
				Cess @ 1%	**₹ 8,820.55**
	Total Estimated Cost				**₹ 8,90,875.57**
	Total Estimated Cost in Figures				**8,90,876.00**
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.)