THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR - 22
[Electrical Division]
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PRICE BID FOR THE WORK UNDER SL. NO :- 07 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK TO CATER POWER SUPPLY TO ATAL BUS STAND AT CHANDAHANDI UNDER CHANDAHANDI BLOCK IN THE DISTRICT OF NABARANGPUR.

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 11KV Line**				
1	Disc. Insulator 70 KN Polymer	No	3	150.00	450.00
2	HW fitting (B&S) 70 KN (3bolted)	Set	3	412.00	1,236.00
3	Tension Assembly wedge Type with Anchoring Clamp for 11 KV 55 Sq.mm. covered conductor	Nos	3	880.00	2,640.00
4	11 KV Pin insulator polymer	No	2	140.00	280.00
5	50/55 sq.mm. XLPE insulated Covered Conductor (AAA) 11 KV insulation.	Km	0.09	101000.00	9,362.70
6	100x50x6mm channel for straight Cross arm 1.2 mtr Long for Bottom Channel & 0.260 mtr Long for Top Channel.	Kg	25.87	78.00	2,017.86
7	HT 11 KV Stay Set (Complete)	Set	1.00	1434.00	1,434.00
8	H.T Stay insulator	No	1.00	87.00	87.00
9	HT Stay Clamp	Pair	1.00	260.00	260.00
10	7/10 SWG Stay Wire , 15 Kg/stay	Kg	10.00	77.00	770.00
11	GI, Nuts, bolts and washers of different sizes	Kg	4.00	74.00	296.00
12	Fish Plate 50x8mm,each 0.280mtr Length	Kg	1.09	72.00	78.22
13	Sundries	Set	1.00	1000.00	1,000.00
	Total Rs.				**19,911.78**
A				**TOTAL MATERIAL COST**	**19,911.78**
B				**Stock, Storage & Insurance @ 3% of A**	597.35
C				**Sub Total (C=A+B)**	**20,509.13**
D				**Contingency @3% of C**	**615.27**
E				**T & P 2% of C**	**410.18**
F				**Transportation @ 7.5% of C**	**1,538.19**
G				**Erection Charges for PSC Pole @ 20%**	
H				**Erection Charges of DTR and Joist Poles @ 5%**	

I				**Erection Charges of other @ 10%**	**2,050.91**
J				**Sub Total Rs.**	**25,123.69**
14	Survey of incremental/delta network and asset changes of HT network and updation in GESW database.	Km	0.03	9633.00	297.66
15	Cement concreting for stud pole/ stay anchor plate with C.C. 1;2;4 as per TPSODL specification and drawing =0.2 Cum	No	1	1300.00	1,300.00
					26,721.35
II	**LT LINE-0.15 Km(4x95+1x95+1x16) sq. mm AB Cable**				
1	9 Mtr. Long WPB pole of 160x152 mm (30.44 Kg per Meter) GI with Base Plate & Stiffner (10.74Kg)	No	5	19060.42	95,302.12
2	Earthing support coil type	No	5	164.00	820.00
3	No.8 GI wire dia 4.6 mm ,0.131 Kg/Mtr.-2 mtr. Each pole connecting pole with coil earthing.	Kg	1.310	74.00	96.94
4	Pole clamp for eye Hook for AB cable	No	6	240.00	1,440.00
5	Eye hook for XLPE Aerial bunched Cable	No.	6	217.00	1,302.00
6	Dead end clamp	No.	6	75.00	450.00
7	Suspension clamp with I Hook for ABC	No.	2	193.00	386.00
8	L.T Stay set (Complete)	Set	4	350.00	1,400.00
9	L.T Stay Insulator	No.	4	19.00	76.00
10	L.T Stay Clamp(1.4 K.g/Pair)	Pair	4	350.00	1,400.00
11	7/12 SWG Stay Wire	Kg	32	79.00	2,528.00
12	GI Nut, Bolt & washer	Kg	5	74.00	370.00
13	4x95+1x95+1x16mm2 LT XLPE Aerial bunched Cable.	Mtr.	158	422.00	66,676.00
14	Danger Board	No	5	180.00	900.00
15	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	1.5	72.00	108.00
16	GI barbed wire/Anticlimbing device	Kg	15	74.00	1,110.00
17	Back Clamp for barbed wire anticlimbing device 25x3mm Flat.	Kg	6.02	72.00	433.30
18	Black paint	Ltr.	2.50	312.40	781.00
19	Yellow colour paint for Background	Ltr.	5	212.77	1,063.86
20	Saundries	No.	1	1000.00	1,000.00
A				**TOTAL MATERIAL COST**	**1,77,643.21**
B				**Stock, Storage & Insurance @ 3% of A**	5,329.30
C				**Sub Total (C=A+B)**	**1,82,972.51**
D				**Contingency @3% of C**	**5,489.18**
E				**T & P 2% of C**	**3,659.45**
F				**Transportation @ 7.5% of C**	**13,722.94**
G				**Erection Charges for PSC Pole @ 20%**	
H				**Erection Charges of DTR and Joist Poles @ 5%**	4,908.06
I				**Erection Charges of other @ 10%**	**8,481.13**
J				**Sub Total Rs.**	**2,19,233.26**
21	Cement concreting for stay anchor plate with C.C. 1;2;4 as per TPSODL specification and drawing =0.2 Cum @ 6177.92/-(J)	No	4	1329.77	5,319.08
22	Concreting of support C.C. 1;1;5;3, 0.375Cum @6400/- for 9mtr PSC, Pole (K)	No	5	2494.17	12,470.84

23	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
24	Survey of incremental/delta network and assets changes of LT network and updation in GESW database.	Km	0.16	9633.00	1,522.02
	S.Total				**2,42,285.20**
III	**INSTALLATION OF 250 KVA S/S.**				
1	Pole WPB GI 160x152mm 11 Mtr (30.44 Kg/mtr)GI Base plate with Stiffner(10.74) kg	No	2	23136.29	46,272.58
2	Earthing of Support (Coil Type)	No	2.00	164.00	328.00
3	No-6 GI wire for earthing	Kg	0.52	74.00	38.48
4	Pressure channel 100x50x6mm of 2.8 Mtr long 02 Nos.	Kg	51.52	78.00	4,018.56
5	AB Swich Mounting Channel 75x40x6mm GI	kg	38.08	78.00	2,970.24
6	Support Channel for AB switch Mounting Channel using 75x40x6mm 0.5 Mtr Long 4 Nos. (6.8Kg/mtr)	Kg	13.6	78.00	1,060.80
7	HG Fuse mounting Channel 75x40x6mm	kg	38.08	78.00	2,970.24
8	Cantilever channel for supporting HG Fuse 75x40x6mm MS Angle 1.5mtr Long 2 Nos (6.8 Kg/Mtr)	Kg	20.4	78.00	1,591.20
9	Angle for cantilever arrangement for HG fuse 50x50x6mm 1.5 mtr long each 2Nos (4.5 Kg/mtr) with Galvanisation charges.	Kg	13.5	78.00	1,053.00
10	Back Clamp for Cantilever Angle	No	4	140.00	560.00
11	Angle for mounting of LT distribution box 50x50x6mm 3mtr long each (4.5kg/mtr) with Galvanisation charges	Kg	13.5	78.00	1,053.00
12	Channel for AB switch Handle 75x40x6mm, 1 Mtr Long 1 No (6.8Kg/mtr) with Galvanisation charges.	Kg	6.8	78.00	530.40
13	Belting channel of 75x40x6mm,2.8 Mtr Long 2 Nos with Galvanisation charges.	Kg	38.08	78.00	2,970.24
14	Bracing Angle for 50x50x6mm, 3.5 Mtr long each, 2 Nos (4.5 Kg/mtr) with galvanisation charges.	Kg	25.2	78.00	1,965.60
15	11 KV AB switch 3 Pole,400A	Set	1	10972.00	10,972.00
16	11 KV HG Fuse 3 pole, 200A	Set	1	6037.00	6,037.00
17	12KV, 10KA (Station Class, CL-II) without surge counter	Nos	3	1960.00	5,880.00
18	LT Distribution Box (GI) for 250 KVA S/S	No	1	55267.00	55,267.00
19	1.1 KV AI 1Cx300 sqmm. XLPE Un-armoured.	Mtr	28	311.00	8,708.00
20	55mm2 AAAC Conductor for DTR Jumering	Km	0.04	43360.00	1,734.40
21	250 KVA ,11/0.4 KV (CU) Transformer with off load tap changer BIS Level-II , IS 1180, Ammendantt-4.	No	1	619789.00	6,19,789.00
22	GI Pipe earthing 40mm 3mtr Long	Nos	7	1300.00	9,100.00
23	GI Flat (25x4mm) for Neutral, body Earthing of DTR & other accessories of DTR	KG	80	72.00	5,760.00
24	GI Bolts, Nuts & washers	Kg	25	74.00	1,850.00
25	HT Stay Set (Complete)	Set	2	1434.00	2,868.00
26	Stay Insulator	No.	2	87.00	174.00
27	Stay Clamp(1.95 K.g/Pair)	Pair	2	260.00	520.00
28	7/10 SWG Stay Wire	KG	20	77.00	1,540.00
29	Danger Plate	No	2	180.00	360.00

30	Back clamp for Danger Plate 25x3 mm ,flat, 0.59 Kg/Mtr., flat of 0.510 Mtr. Length 1 Nos=(1x0.59x0.510)	Kg	0.60	72.00	43.33
31	GI barbed wire/Anticlimbing device	Kg	6	74.00	444.00
32	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	72.00	173.52
33	Fish Plate for LA Fixing (50x8mm of Flat, 0.97 Kg/Mtr & 0.28 Mtr Long for Each)	Kg	1.63	72.00	117.36
34	Black Paint	Ltr	1	212.77	212.77
35	Yellow colour paint for Background	Ltr	2.00	212.77	425.54
36	Sundries	Set	1	3500.00	3,500.00
					8,02,858.26
A				**TOTAL MATERIAL COST**	**8,02,858.26**
B				**Stock, Storage & Insurance @ 3% of A**	24,085.75
C				**Sub Total (C=A+B)**	**8,26,944.01**
D				**Contingency @3% of C**	**24,808.32**
E				**T & P 2% of C**	**16,538.88**
F				**Transportation @ 7.5% of C**	**62,020.80**
G				**Erection Charges for PSC Pole @ 20%**	
H				**Erection Charges of DTR and Joist Poles @ 5%**	34,302.17
I				**Erection Charges of other @ 10%**	**14,090.06**
J				**Sub Total Rs.**	**9,78,704.24**
37	Concreting of support C.C ,1:1:5:3 (I)	Nos.	2	2991.98	5,983.97
38	Couping with C.C. 1;1:5;3 (J)	Nos.	2	748.00	1,496.00
39	Survey of incremental/delta network and asset changes od DSS network and updation in GESW database.	No	1	6882.20	6,882.20
40	Cement concreting for stud pole/ stay anchor plate with C.C. 1;2;4 as per TPSODL specification and drawing =0.2 Cum (K)	No	2	1300.00	2,600.00
41	Material for earthing including masonary work for earth pit and cement plate cover including salt, Charcoal etc. (K)	Nos.	7	1600.00	11,200.00
	Total Rs.				**28,162.17**
	Construction of brick bondary wall fencing with sand and metal spreading.				
42	Brick boundary wall for fencing, sand Filling, Spreading of Aggregate & also including fixing of MS Grill Gate.	R. Mtr	12	7300.12	87,601.42
	Total Rs.				**87,601.42**
	Construction of brick bondary wall fencing with sand , metal spreading & Plinth Foundation (M)				
	Construction of Plinth				
43	Civil cost for making TRF plinth from 100KVA of upto 1000KVA Provide necessary civil material, manpower, machinery for construction of plinth as per standard drawing.	No	1	32181.60	32,181.60
44	Civil cost for making Plinth for LTDB Provide necessary civil material, manpower, machinery for construction of plinth as per standard drawing.	No	1	6000.00	6,000.00
	Total Rs.				**38,181.60**
	Total Rs.				**11,32,649.43**
IV	**Service Connection**				

1	No-8 SWG 4.06mm Dia GI wire	Kg	6	111.00	666.00
2	200 AMP Kit Kat Fuse	Nos	6	1297.96	7,787.75
3	Al. Binding wire	Kg	0.4	621.60	248.64
					8,702.39
A				**TOTAL MATERIAL COST**	**8,702.39**
B				**Stock, Storage & Insurance @ 3% of A**	261.07
C				**Sub Total (C=A+B)**	**8,963.46**
D				**Contingency @3% of C**	**268.90**
E				**T & P 2% of C**	**179.27**
F				**Transportation @ 7.5% of C**	**672.26**
G				**Erection Charges for PSC Pole @ 20%**	
H				**Erection Charges of DTR and Joist Poles @ 5%**	
I				**Erection Charges of other @ 10%**	**896.35**
J				**Sub Total Rs.**	**10,980.24**
	Sub Total Rs.				**14,12,636.22**
	Cess @ 1%				14,126.36
	Total Estimated Cost				**14,26,762.58**
	Total Estimated Cost in Figures				**14,26,763.00**

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)