

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 :- 01 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO ADMINSTRATIVE BUILDING OF DRIVING TESTING TRACK, RTO, KORAPUT.

BID REF NO.- 09/PM/ELECT/OPHWC/2024-25

**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-I	CONVERSION OF 11 KV 2 PH 2W LINE TO 3 PH 3 W LINE WITH 55 SQ. MM AAA CONDUCTOR-0.4 KM ERECTION OF 3 PH 3 W 11 KV LINE USING 80 SQ. MM AAAC -1.2 KM				
1	11 KV 'V' cross arm(10.2 Kg each)	No.	25	1101.60	27540.00
2	GI Back clamp for 11 KV V Cross Arm	No.	25	108.80	2720.00
3	Top F clamp for PSC Pole ,2.9 Kg	No.	31	326.40	10118.40
4	Disc insulator 45 KN (T&C) Polymer	No.	31	1169.60	36257.60
5	11 KV HW fitting (B&S)2 bolted	No	31	176.80	5480.80
6	11KV Pin Insulator polymer	No.	97	272.00	26384.00
7	HT stay set complete	No.	9	1428.00	12852.00
8	11KV stay insulator	No.	9	68.00	612.00
9	HT stay clamp (1.9 Kg/Pair)	pair	9	170.00	1530.00
10	7/10 SWG stay wire, Grade-2	Kg	90	102.00	9180.00
11	Earthing support coil type	No	29	225.76	6547.04
12	8 SWG GI wire Dia 4.6 mm ,0.131 Kg/Mtr.-2 Mtr. Each pole connecting Pole with coil earthing	Kg	7.598	102.00	775.00
13	GI Base plate for support	No	29	408.00	11832.00
14	GI Nuts and Bolts of assorted size	Kg	62.25	106.08	6603.48
15	100x50x6 mm channel for straight cross arm,1.2 Mtr. Each 2 Nos,0.3 Mtr. Long 2 Nos. @9.2 Kg/Mtr.180 degree CP and Tapping 4 Nos. & 0.3 Mtr. Long 4 Nos. @9.2 Kg/Mtr. For 90 Degree CP	Kg	259.44	102.00	26462.88
16	Fish Plate 50x8 mm ,0.97 Kg/Mtr., each 0.280 Mtr.Length	Kg	8.42	102.00	858.84
17	9 Mtr. Long 300 KG PSC Pole	No	29	4080.00	118320.00
18	80 sq. mm AAAC	Km	4.12	58480.00	240937.60
19	PG Clamp for 80 sq. mm AAAC	No	17	720.80	12253.60
20	GI Barbed wire for anticlimbing device 3 Kg per support	Kg	87	108.80	9465.60
21	Back clamp for anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length	Kg	34.904	102.00	3560.21
22	Danger Board	No	29	108.80	3155.20
23	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	8.726	102.00	890.05

24	75x40x6 mm GI Channel 1.5 Mtr. Long 4 Nos., for providing support for Guarding at 1 No. of Road crossing@6.8 Kg/Mtr.	Kg	40.8	102.00	4161.60
25	No.6 GI wire Dia 4.8 mm ,40 Kg for 1 No. guarding & 20 Kg for 2 Nos. earthing at both sides of Road crossing Guarding	Kg	60	102.00	6120.00
26	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	2	1428.00	2856.00
27	8 SWG GI wire for cross lacing	Kg	12	102.00	1224.00
28	Eye Hook	No	8	81.60	652.80
29	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	2900.00	2900.00
					592250.69
PART-II	Installation of 100 KVA 11/0.4KV sub station - 1 No.				
30	9 Mtr. Long 300 KG PSC Pole	No	2	4080.00	8160.00
31	Pressure Channel 100x50x6mm GI channel each 2.8 mtr long,2 Nos(9.2K.g/mtr)	K.g	51.52	102.00	5255.04
32	AB switch &HG fuse mounting channel(75x40x6)mm,each 2.8 mtr long 4 No(6.8Kg/mtr)	K.g	76.16	102.00	7768.32
33	GI angle for mounting LT Distribution Box 50x50x6 mm Angle,1.0 Mtr. Long,2 Nos., 4.5 Kg/Mtr. .	K.g	9	102.00	918.00
34	AB witch side support channel 100x50x6 mm GI channel (0.35Mtr Long)(9.56 kg/mtr,2 Nos.)	Kg.	6.44	102.00	656.88
35	Channel support for down pipe 75x40x4.8 mm GI channel(7.14 kg/mtr,2 Nos.)each channel length 0.8 Mtr.	Kg.	5.44	102.00	554.88
36	Disc insulator 45 KN (T&C) Polymer	No.	3	1169.60	3508.80
37	11 KV HW fitting (T&C)45 KN	No	3	176.80	530.40
38	11KV AB switch(3 pole,200 Amp,50Hz)	Set	1	9996.00	9996.00
39	11KV HG fuse (3 pole,200 Amp)with PI	Set	1	8323.20	8323.20
40	PG Clamp for 80 sq. mm AAAC	No	3	720.80	2162.40
41	Fish Plate 50x8 mm ,0.97 Kg/Mtr., each 0.280 Mtr.Length	Kg	0.815	102.00	83.13
42	9KV 10 KA LA, Station class	No.	3	1360.00	4080.00
43	LT Distribution Box with MCCB, Aluminium Bus Bar for 2-bay with Kitkat fuse for 100 KVA S/S .	No	1	33209.84	33209.84
44	LT 3.5 core 150 sq. mm PVC cable(Un-armoured)	Mtr.	15	685.44	10281.60
45	25x4 mm GI flat,0.8 Kg/Mtr.	Kg	60	102.00	6120.00
46	HT stay set complete	No.	4	1428.00	5712.00
47	11KV stay insulator	No.	4	68.00	272.00
48	7/10 SWG stay wire, Grade-2	Kg	40	102.00	4080.00
49	HT stay clamp (1.9 Kg/Pair)	pair	4	170.00	680.00
50	40 mm Nominal bore GI Pipe Medium gauge(3.25 mm thickness) earthing device 3 mtrs long	No	7	1428.00	9996.00
51	Earthing of support coil type	No	2	225.76	451.52
52	8 SWG GI wire Dia 4.6 mm ,0.131 Kg/Mtr.-2 Mtr. Each pole connecting Pole with coil earthing	Kg	0.524	102.00	53.45
53	No. 6 GI wire for earthing	Kg	30	102.00	3060.00
54	Base plate for support	No	2	408.00	816.00
55	GI Nuts and Bolts of assorted size	Kg	30	106.08	3182.40
56	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	108.80	652.80
57	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.407	102.00	245.51
58	Danger Board	No	2	108.80	217.60

59	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	0.602	102.00	61.40
60	100 KVA 11/0.4 KV (AL) Transformer with BIS Energy Level-II	No	1	159120.00	159120.00
61	80 sq. mm AAAC(for jumpering)	Km	0.02	58480.00	1169.60
62	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1000.00
					292378.78
PART-III	LT LINE-0.32 KM				
63	L.T Stay set (Complete)	Set	3	707.20	2121.60
64	L.T Stay Insulator	No.	3	40.80	122.40
65	L.T Stay Clamp(1.4 K.g/Pair)	Pair	3	149.60	448.80
66	7/12 SWG Stay Wire	Kg	24	102.00	2448.00
67	Suspension clamp with I Hook	No.	6	462.40	2774.40
68	Eye Hook for XLPE AB Cable	No.	4	81.60	326.40
69	Pole clamp for eye Hook for AB cable	pair	10	272.00	2720.00
70	Dead end clamp suitable for XLPE cable	No	4	88.40	353.60
71	GI Nuts and Bolts of assorted size	Kg	6.402	106.08	679.12
72	3x50+1x35+1x16 sqmm LT XLPE AB Cable	Km	0.32	190400.00	59976.00
73	8 Mtr. Long 200 KG PSC Pole	No	8.00	2720.00	21760.00
74	Earthing of support coil type	No	8	225.76	1806.08
75	8 SWG GI wire Dia 4.6 mm ,0.131 Kg/Mtr.-2 Mtr. Each pole connecting Pole with coil earthing	Kg	2.096	102.00	213.79
76	GI Base plate(500x500x10)mm for PSC Pole (20 Kg)	No	8	408.00	3264.00
77	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	24	108.80	2611.20
78	Back clamp for barbed wire anticlimbing device 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	9.6288	102.00	982.14
79	Danger Board	No	8	108.80	870.40
80	GI clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	2.4072	102.00	245.53
81	Sundries (paint, binding tape etc.)	LS	1	800.00	800.00
					104523.47
	A.Sub Total Rs.				9,89,152.94
B	Stock, storage and insurance (@3% on A)				29674.59
C	TOTAL RS.				1018827.52
D	T&P @ 2% of C				20376.55
E	Contingency @ 3% of C				30564.83
F	Transportation @ 7.5% of C				76412.06
G	Erection charges @ 10% on others ,5% on Dist. Transformers/Joist Pole/WPB Poles and 20% on PSC poles				108956.79
H	TOTAL RS.				1255137.75
82	Stay concreting in ratio 1:2:4 as per TPSODL specification and drawing = 0.2 cum @6177.92 cum	Nos.	16	1235.58	19769.28
83	Materials for Masonary work for earth pit, charcoal, salt etc. including construction of earthing chamber (size - 2"x2") and RCC slab cover.	No	9	1600.00	14400.00
84	Concreting of Pole in ratio 1:1:5:3=0.375 cum	Nos.	39	2400.00	93600.00
85	Couping of Poles in ratio 1:1:5:3,0.1125 cum	Nos.	39	720.00	28080.00
86	Transformer Plinth	No.	1	32181.60	32181.60

87	Construction of Brick wall Boundary for fencing of DP Plinth mounted S/S in the size of 5x4 Mtr., @7300.12/RM	RM	18	7300.12	131402.16
	Sub Total Rs.				15,74,570.79
	Cess @ 1%				15,745.71
	Total Estimated Cost				15,90,316.50
	Total Estimated Cost in Figures				15,90,317.00
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)	_____ %			
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/-
DM IC (Elect)**

**Sd/-
Project Manager(Elect.)**