

**Sample Estimate Format for construction of electrical infrastructure related to  
New Connection of HT Consumers**

Name of Work

Name of the Sub-Division

Name of Applicant

Name of Division

Work Details

Name of Circle

Sanctioned Load

Consumer Category

Load sanctioned vide

Line length

Feeder Name

Sub-Station Name

SL. No	Item Specification	Unit	Qty	Rate (Rs)	Amount (Rs)
1	PSC Pole 9.75 mtrs	No	83	6264.00	519912.00
2	GI Ch Channel 'X' arm 100X50X6X2200 mm	No	42	1140.00	47880.00
3	GI Ch Channel 'X' arm 100X50X6X2200 mm(for extention)	No	12	1140.00	13680.00
4	GI Ch Channel 'X' arm 75X40X6X2200 mm(for guard)	No	12	876.00	10512.00
5	Gl.L.T. Angle corssarm	No	30	101.00	3030.00
6	Gl. 11Kv "T" Corssarm with angle size 50X50X6mm	No	60	650.00	39000.00
7	11KV Pin Insulator (Polymer)	No	216	690.00	149040.00
8	11 KV Disc Insulator ( Polymer )	No	162	750.00	121500.00
9	Hardware fittings	No	81	234.00	18954.00
10	H.T Stay Sets	No	36	436.20	15703.20
11	H.T Guy Insulator	No	36	29.56	1064.16
12	Pole clamp of GI flat50X6mm	No	148	78.00	11544.00
13	G.I Nuts & Bolts (Assorted)	Kg	80	75.00	6000.00
14	G.I Throush Bolts (Assorted)	Kg	40	126.50	5060.00
15	Bimetalic Lug (Assorted)	No	20	150.00	3000.00
16	AAA Rabbit Conductor	Km	10.560	28727.00	303357.12
17	CT/PT Set 11KV	No	1	35000.00	35000.00
18	HT static Trivector Meter	No	1	15500.00	15500.00
19	Control cable 7 core X2.5sq.mm	Mtr	30	150.00	4500.00
20	11/0.4 KV 500 Kva DTR	No	1	672999.00	672999.00
21	11 KV GOAB Switch 150 Amps	No	3	10000.00	30000.00
22	11 KV D.O. Fuse 150 A	No	3	3600.00	10800.00
23	11KV L.A set	No	1	6000.00	6000.00
24	C.I. Earth Pipe	No	20	867.60	17352.00
25	G.I. wire 6 SWG for guand & earthing	Kg	400	59.00	23600
26	L.T. XLPE cable 1-core, 300sq.mm	Mtr	40	542.00	21680.00
27	MCCB 200A Ics	No	1	12200.00	12200.00
28	Jointing Sleeve for Rabbit	No	20	90.00	1800.00
29	Meter Cabinet	No	1	6900.00	6900.00
30	Turn Buckle	No	30	437.00	13110.00
31	UPG clamp	No	80	57.00	4560.00
32	Alkathine pipe	meter	20	54.34	1086.80
33	Barbed wire	Kg	5	80.00	400.00
34	11KV danger Plate	No	83	35.00	2905.00
35	Sundries	LS			2000.00
<b>(a) Total cost of Materials Rs. (A)</b>					<b>2151629.28</b>
<b>(b) 5% Transportaion Charge on (A)</b>					<b>107581.46</b>
<b>( c ) Total Rs. (B)</b>					<b>2259210.74</b>
<b>(d) 15% on Labour Charge on ( B)</b>					<b>338881.61</b>
<b>(e) 3% Contengency Charge on ( C)</b>					<b>67776.32</b>
<b>(f) Transformer Pad</b>					<b>35000.00</b>
<b>(g) Transformer Fencing (Chainlink)</b>					<b>20000.00</b>
<b>(h) Pole grouting</b>					<b>99600.00</b>
<b>(i) Stay grouting</b>					<b>16344.00</b>
<b>(j) jungle cutting</b>					<b>2310.00</b>
<b>(k) 15% Supervision Charge on d,f,g,h ,i&amp; j</b>					<b>76820.34</b>
<b>sub - Total</b>					<b>2915943.02</b>
<b>Total Rs. ( C)</b>					<b>2915943.02</b>
<b>Say, Rs</b>					<b>2915943.00</b>

Rupees Twenty One Lakh Fifteen Thousand Forty Three Only)

Prepared by

C/S by

Checked by

Approved by

N.B. The rates, quantities and type of materials required are subjected to change depending upon approved rates of APDCL and the nature of required construction work