

COST OF MATERIAL		Annexure I	
No.	Materials	Rate	Unit
1	PSC Pole 7 m	1111.00	Each
2	PSC Pole 8 m	1353.00	Each
3	PSC Pole 9 m	2189.00	Each
4	A type Pole 10 m	12500.00	Each
5	A type Pole 11 m	13700.00	Each
6	A type Pole 12 m	15000.00	Each
7	A type Pole 13 m	16300.00	Each
8	ACSR Raccoon	50.82	Meter
9	ACSR Rabbit	37.11	Meter
10	ACSR Weasel	20.40	Meter
11	ACSR Squirrel	13.77	Meter
12	25 KVA Transformer	58350.00	Each
13	100 KVA Transformer	90676.49	Each
14	160 KVA Transformer	152316.00	Each
15	250 KVA Transformer	207789.00	Each
16	500 KVA Transformer	395944.00	Each
17	Constructing Plinth	9685.00	Each
18	DTR Metering	20040.00	Each
19	2 Line Cross Arm	256.00	Each
20	4 Line Cross Arms	498.00	Each
21	V Cross Arm	975.00	Each
22	Channel cross arm 1.8 m	1063.20	Each
23	Channel cross arm 2.4 m	1364.50	Each
24	Channel cross arm 3.0 m	2063.50	Each
25	Angle	43.75	Kg
26	Pole top Bracket F Type	105.00	Each
27	MS Cleat	54.44	Each
28	Bolt & nut	65.20	Kg
29	Washers	6.25	Each
30	G.I.wire	43.43	Kg.
31	Provision for barbed wire fencing	2012.50	per trfr.
32	Lock & Key	137.50	Set
33	3 x 300 Sq.mm XLPE UG Cable	1583.28	Meter
34	3 x 300 Sq.mm XLPE End Termination Kit	4950.00	Each
35	3 x 300 Sq.mm XLPE St Joint Kit	8775.00	Each
36	AB Switch	8499.67	Each
37	D.O Fuse	638.60	Each
38	Lightning Arrester HT	951.00	Each
39	11 kV Hardware Fittings	200.00	Each
40	11 kV Insulator Disc	254.71	Each
41	11 kV Tension Set with Insulator Disc	454.71	Set
42	11 KV Pin Insulator with Pin	101.16	Each
43	Stay Set Complete - HT	981.53	Set
44	Lightning Arrester LT	315.00	Each
45	Shackles with Straps & Bolts.	41.99	Each
46	LT Pin Insulator with Pin & Packing clamp	53.81	Each
47	Stay Set Complete - LT	877.33	Set
48	Composite LT Spacers	56.25	Each
49	Provision for Coil earthing	443.98	Each
50	Provision for Pipe earthing	2027.50	Each

<b>No.</b>	<b>Materials</b>	<b>Rate</b>	<b>Unit</b>
51	Energy Meter SP	295.43	Each
52	Energy Meter 3P	710.00	Each
53	Energy meter (Three phase CT)	3198.00	Each
54	CT 100/5	430.00	Each
55	CT 200/5	320.62	Each
56	Iron clad cut out 30 A	59.38	Each
57	Neutral Link	23.75	Each
58	Porcelain cut out (32 A)	80.00	Each
59	Porcelain cut out (100 A)	380.28	Each
60	Porcelain cut out (200 A)	713.54	Each
61	Fuse unit (32 A)	60.00	Each
62	Fuse unit (63 A)	125.00	Each
63	Fuse unit (100 A)	304.44	Each
64	Fuse unit (200 A)	570.83	Each
65	Fuse unit (300 A)	748.71	Each
66	Black tape	22.50	Roll
67	Board insulator	3.75	Each
68	Spacing Cleat	2.50	Each
69	Wooden peg	2.50	Each
70	Iron screw (Sizes)	15.00	doz.
71	Card holder	20.00	Each
72	Enamel Notice Board	10.00	Each
73	Meter Board	87.50	Each
74	Meter Box	1000.00	Each
75	Earth pipe	540.00	Each
76	Earth Clamp	52.50	Each
77	PVC 50 sq.mm SC	36.32	Meter
78	PVC 95 Sqmm S.C	63.27	Meter
79	PVC 120 Sqmm S.C	77.53	Meter
80	WP wire 1/1.8 mm	559.16	Coil
81	WP wire 2.8 Aluminium	1221.65	Coil
82	Bow guys	662.54	Set
83	Stay wire	56.02	Kg
84	Stay Insulator	23.93	Kg
85	Stay Rod LT	178.30	Each
86	Stay Rod HT	282.50	Each
87	Stay Plate	180.00	Each
88	Stay tightner	150.00	Each
89	Stay Clamp	25.00	Each
90	Thimble	20.00	Each
91	Knee bracing	600.00	Each
92	Clamp for strut	100.00	Each
93	Cost of double tube fluoroscent fittings	1080.00	Each
94	Fluorescent tube 40 w	40.00	Each
95	Pipe Fitting	300.00	Each
96	Cement	15.00	LS
97	SP Static Meter with LCD	656.5	Each
98	3P Static Meter with LCD	2477.63	Each

## ESTIMATED RATES FOR DISTRIBUTION WORKS

ANNEXURE II

**ABSTRACT**

Sl. No.	INDEX	RATE IN RUPEES	REMARKS
<b>I.</b>	<b>SERVICE CONNECTION</b>		
I.(i)	Abstract estimate for LT single phase weather proof service connection upto and including 5kW (Using Static meter without LCD facility)	<b>1750</b>	If Energy meter is provided by Board, meter rent as per B.O. (FM) No: 2142/2003 (Plg.Com 3809/99) dated 24.12.2003. shall be collected extra .
I.(i)(a)	Abstract estimate for LT single phase weather proof service connection upto and including 5kW (Using Static meter with LCD facility)	<b>1850</b>	
I.(ii)	Abstract estimate for LT three phase weather proof service connection up to and including 10 KW (Using Static meter without LCD facility)	<b>4150</b>	
I.(ii)(a)	Abstract estimate for LT three phase weather proof service connection up to and including 10 KW (Using Static meter with LCD display and TOD facility)	<b>4600</b>	
I.(iii)	Abstract estimate for LT three phase weather proof service connection above 10kW upto and including 25kW (Using Static meter without LCD facility)	<b>12600</b>	
I.(iii)(a)	Abstract estimate for LT three phase weather proof service connection above 10kW upto and including 25kW (Using Static meter with LCD display and TOD facility)	<b>13100</b>	
I.(iv)	Abstract estimate for LT three phase weather proof service connection above 25kW & below 50kVA	<b>23000</b>	
I.(v)	Abstract estimate for LT three phase weather proof service connection from 50kVA and above upto and including 100kVA (Excluding cost for transformer installation )	<b>25500</b>	
I.(vi)	Estimate for providing support pole for weather proof service connection.	<b>2350</b>	
2(i)	Abstract estimate for LT single phase over head service connection upto and including 60m with maximum 1 Post	<b>8600</b>	1) Cost of providing eatherproof Service connection to be collected as per Serial No: I(i) to I.(v)  2) If any additional poles are required to maintain statutory clearances, in order to avoid property crossing etc, additional cost shall be collected as per SI No.3.
2(ii)	Abstract estimate for LT single phase over head service connection above 60m upto and including 100m with maximum 2 Posts	<b>13150</b>	
2(iii)	Abstract estimate for LT single phase over head service connection above 100m up to and including 150m with maximum 3 Posts	<b>18000</b>	
2(iv)	Abstract estimate for LT single phase over head service connection above 150m up to and including 200m with maximum 4 Posts	<b>23050</b>	
2(v)	Abstract estimate for LT three phase over head service connection upto and including 60m with maximum 1 Post	<b>18150</b>	
2(vi)	Abstract estimate for LT three phase over head service connection above 60m upto and including 100m with maximum 2 Posts	<b>29300</b>	
2(vii)	Abstract estimate for LT three phase over head service connection above 100m up to and including 150m with maximum 3 Posts	<b>42000</b>	
2(viii)	Abstract estimate for LT three phase over head service connection above 150m up to and including 200m with maximum 4 Posts	<b>54800</b>	

<b>Sl. No.</b>	<b>INDEX</b>	<b>RATE IN RUPEES</b>	<b>REMARKS</b>
3(i)	Abstract estimate for post insertion for LT single phase over head service connection (without stay)	<b>3550</b>	
3(ii)	Abstract estimate for post insertion for LT single phase over head service connection (with stay)	<b>4800</b>	
3(iii)	Abstract estimate for post insertion for LT single phase over head service connection (with strut)	<b>5600</b>	
3(iv)	Abstract estimate for post insertion for LT three phase over head service connection (without stay)	<b>4100</b>	
3(v)	Abstract estimate for post insertion for LT three phase over head service connection (with stay)	<b>5350</b>	
3(vi)	Abstract estimate for post insertion for LT three phase over head service connection (with strut)	<b>6150</b>	
4(i)	Abstract estimate for conversion of LT single phase weatherproof service connection to LT three phase weather proof service connection with connected load upto and including 10kW	<b>2500</b>	
4(ii)	Abstract estimate for conversion of LT single phase weatherproof service connection to LT three phase weather proof service connection with connected load above 10 kW up to and including 25kW	<b>11400</b>	
4(iii)	Abstract estimate for conversion of LT single phase weatherproof service connection to LT three phase weather proof service connection with load above 25kW and below 50kVA	<b>21600</b>	
4 (iv)	Abstract estimate for conversion of LT single phase weatherproof service connection to LT three phase weather proof service connection with load 50kVA and above up to and including 100kVA	<b>24100.00</b>	
<b>II.</b>	<b>DISTRIBUTION LINES</b>	<b>Rate Rs.</b>	<b>Remarks</b>
1	Dismantling ,shiftingand re-erecting one LT pole with or without stays, Single Phase Overhead lines, of ACSR Rabbit all accessories and fittings	<b>1210</b>	Rate do not include cost of additional conductor
2	Dismantling ,shiftingand re-erecting one LT pole with or without stays, Three Phase Overhead lines, of ACSR Rabbit all accessories and fittings	<b>1550</b>	
3	Dismantling ,shiftingand re-erecting one 11KV pole with or without stays, 11KV Overhead lines, all accessories and fittings	<b>2450</b>	
4	Dismantling ,shiftingand re-erecting one 11KV double pole with or without stays, 11KV Overhead lines, all accessories and fittings	<b>5670</b>	
5	Adding one conductor ACSR Rabbit on the existing poles (where cross arm is available) inclusiveof cost of insulator,pin etc. and labour	<b>66</b>	<b>per metre</b>
6	Adding one conductor ACSR Rabbit on the existing poles (where cross arm is not available) inclusiveof cost of insulator,pin etc. and labour	<b>83</b>	<b>per metre</b>
7	Conversion of LT single phase 2 wire line to LT Three phase 4 wire line	<b>120</b>	<b>per metre</b>
8	Conversion of LT single phase 2 wire line to LT Three phase 5 wire line	<b>154</b>	<b>per metre</b>

9	Conversion of LT single phase 3 wire line to LT Three phase 5 wire line	120	per metre
10	Drawing Single Phase 2 wire line under existing HT line	105	per metre
11	Drawing Single Phase 3 wire line under existing HT line	136	per metre
12	Drawing Three Phase 4 wire line under existing HT line	241	per metre
13	Drawing Three Phase 5 wire line under existing HT line	274	per metre
14	Construction of LT,single phase, 2 wire line using PSC Poles	187	per metre
15	Construction of LT,single phase, 3 wire line using PSC Poles	232	per metre
16	Construction of LT,3 phase, 4 wire line using PSC Poles	338	per metre
17	Construction of LT,3 phase, 5 wire line using PSC Poles	367	per metre
18	Construction of 11KV ACSR RABBIT using PSC Poles (Including tree cutting compensation of Rs.50000/- per km; variation if any, to be adjusted as per actuals)	422	per metre
19	Construction of 11KV ACSR RACOON using PSC Poles (Including tree cutting compensation of Rs.50000/- per km; variation if any, to be adjusted as per actuals)	476	per metre
<b>INDEX</b>			
<b>III</b>	<b>TRANSFORMERS</b>		<b>Rate Rs.</b>
1	Erection of 11KV/433V, 25 KVA transformer pole mounted including 2 Nos PSC Poles, DTR meter		<b>172000</b>
2	Erection of 11KV/433V, 100 KVA transformer pole mounted including 2 Nos PSC Poles, DTR meter		<b>220500</b>
3	Installation of 11KV/433V, 160 KVA transformer including DTR meter		<b>311000</b>
4	Installation of 11KV/433V, 250 KVA transformer including DTR meter		<b>384000</b>
5	Installation of 11KV/433V, 500 KVA transformer including DTR meter		<b>632000</b>
<b>IV</b>	<b>STREET LIGHTS</b>		<b>Rate Rs.</b>
1	Installation of double tube fittings including cost of fluorescent tubes		<b>2300</b>
2	Installation of street light fitting complete with 40 W Bulb etc.		<b>1050</b>

**Note:** Estimated rates are calculated for 3 phase, with ACSR Rabbit for phase conductor and ACSR Weasel for neutral and street main; for single phase, ACSR Weasel for phase, neutral and street main.

For OverHead service line connection provision for strut is to be included wherever necessary.  
Cost of works in the distribution sector for which specific rates are not given shall be arrived at as follows:

I. (a) Cost of materials as per cost data.

(b) Centage charge 16% of (a).

(c) Transportation charge, if any.

(d) Labour charges.

Total cost of work is [(a)+(b)+(c)+(d)]

II. Supervision charge 10% of I

Grand Total is (I + II)

### Schedule of Miscellaneous Charges

SL. No.	Description	Amount in Rupees
<b>1</b>	<b>APPLICATION FEE:</b>	
	(a) Service Connection:-	
	i. LT Supply	25
	ii. HT Supply	1000
	iii. EHT Supply	5000
	(b) Realignment of lines, shifting of posts etc, for individual benefits	25
	(c) Hire & Hire Purchase of materials	25
	(d) Shifting of meters, change of tariff, change of ownership, connecting up additional load or etc.	10
	(e) Request By Consumer:-	
	i. Reduction/increase of connected load	25
	ii. Meter reading	10
	iii. Increase/Decrease of contract demand HT/EHT	25
<b>2</b>	<b>RECONNECTION FEE:</b>	
	<b>A. Low Tension (LT)</b>	
	i. When the supply to installation remains disconnected for a period less than six months for non-payment of electricity charges	30
	ii. When the period of above disconnection exceeds six months for non-payment of electricity charges or at the request of the consumer or when the disconnection is effected due to faults in the installation or due to compliance with the provision in the Terms and Conditions of Supply, even if the period of disconnection is less than six months (inclusive of testing fee)	100
	<b>B. High Tension (HT)</b>	
	i. When the supply to the installation remains disconnected for a period not exceeding six months.	250
	ii. When the supply to the installation remains disconnected for a period exceeding six months (including testing fee)	500

### C. Extra High Tension (EHT)

- |     |  |      |
|-----|--|------|
| i.  | When the supply to the installation remains disconnected for a period not exceeding six months.                    | 500  |
| ii. | When the supply to the installation remains disconnected for a period exceeding six month (including testing fee). | 1000 |

## 3. TESTING FEE

### A. For the first test and inspection of a new installation

Free

Any further test and or inspection becomes necessary owing to any fault in the installation or to non-compliance with the Terms and Conditions of supply or testing for extensions, the charges payable in advance for each additional test and or inspection shall be:

- |      |                    |      |
|------|--------------------|------|
| i.   | LT Single Phase    | 25   |
| ii.  | LT Three Phase     | 50   |
| iii. | High Tension       | 500  |
| iv.  | Extra High Tension | 1000 |

### B. Testing of meters

- |      |  |     |
|------|--|-----|
| i.   | Single Phase Meter                         | 50  |
| ii.  | Poly Phase Meter (without CT)              | 100 |
| iii. | Poly Phase Meter (with CT)                 | 300 |
| iv.  | TOD Meter                                  | 400 |
| v.   | CT PT Unit or CT Unit / PT Unit Separately | 250 |

### C. Breakdown voltage test of Transformer Oil (per sample)

100

## 4. Miscellaneous Charges

- |    |  |     |
|----|--|-----|
| A. | Changing or moving a meter board                           | 100 |
| B. | Dismantling of Service Connection (on request by consumer) | 100 |

## 5. Meter Rent (Rupees per month or part thereof)

For Service Connection provided with

- |      |                       |    |
|------|-----------------------|----|
| i.   | Single Phase meters   | 10 |
| ii.  | Three Phase meters    | 20 |
| iii. | Three Phase CT meters | 75 |

Charges shown above are uniform irrespective of whether the meters are mechanical, electronic or having wide range

## 6. Establishing Credit in the meter (Prepaid meter)

- |     |  |     |
|-----|--|-----|
| (a) | First Credit establishment for the month | Nil |
| (b) | Subsequent Credit establishment          | 100 |