

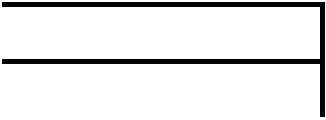
<b>COST DATA OF DISTRIBUTION WORK</b>			
<b>Item No.</b>	<b>Description of the work</b>	<b>Approved Rate Rs.</b>	<b>Table of detailed estimate</b>
<b>SERVICE CONNECTION</b>			
1	Estimate for LT single phase weather proof service connection upto and including 5 KW( using Static meter with LCD facility)- I -1	3250	I.1
2	Estimate for LT three phase weather proof service connection upto and including 10 KW (using Static meter with LCD facility)- I -2	6215	I.2
3	Estimate for LT 3 Ph weather proof service connection upto and including 10 KW & upto and including 25 KW( using Static meter with LCD facility)- I -3	16215	I.3
4	Estimate for LT three phase weather proof service connection above 25 kW & below 50 KVA - I- 4	27275	I.4
5	Estimate for LT three phase weather proof service connection from 50 kVA and above upto and including 100 kVA (excluding cost for transformer installation) - I- 5	32515	I.5
6	Estimate for providing support pole for weather proof service connection I-6	13165	I.6
7	Estimate for LT single phase over head service connection upto and including 50 m with maximum 1 Post. -I -7	24400	I.7
8	Estimate for LT single phase over head service connection above 50 m upto and including 100 m with maximum 2 Posts. -I -8	42730	I.8
9	Estimate for LT single phase over head service connection upto and including 100 m upto and including 150 m with maximum 3 Posts. -I -9	60815	I.9
10	Estimate for LT single phase over head service connection above 150 m upto and including 200 m with maximum 4 Posts. -I -10	79370	I.10
11	Estimate for LT three phase over head service connection upto and including 50 m with maximum 1 Post. -I -11	33135	I.11
12	Estimate for LT three phase over head service connection above 50 m upto and including 100 m with maximum 2 Post. -I -12	59885	I.12
13	Estimate for LT three phase over head service connection above 100 m upto and including 150 m with maximum 3 Posts. -I -13	86170	I.13
14	Estimate for LT three phase over head service connection above 150 m upto and including 200 m with maximum 4 Posts. -I -14	112690	I.14
15	Estimate for post insertion in LT single phase over head line (without stay ) -I -15	15870	I.15
16	Estimate for post insertion in LT single phase over head line (with stay ) -I -16	17540	I.16
17	Estimate for post insertion in LT single phase over head line (with strut ) -I -17	23600	I.17
18	Estimate for post insertion in LT three phase over head line (without stay ) -I -18	16255	I.18
19	Estimate for post insertion in LT three phase over head line (with stay ) -I -19	17995	I.19
20	Estimate for post insertion in LT three phase over head line (with strut ) -I -20	24580	I.20
21	Estimate for conversion of LT single phase weather proof service connection to LT three phase weather proof service connection with connected load upto and including 10 kW -I -21	3610	I.21
22	Estimate for conversion of LT single phase weather proof service connection to LT three phase weather proof service connection with connected load above 10kW upto and including 25 kW I -22	15160	I.22
23	Estimate for conversion of LT single phase weather proof service connection to LT three phase weather proof service connection with connected load above 25kW and below 50 kVA -I -23	25690	I.23
24	Estimate for conversion of LT single phase weather proof service connection to LT three phase weather proof service connection with connected load 50 kVA and upto and including 100 kVA	30845	I.24
25	Estimate for enhancement of connected load of LT three phase weather proof service connection with a maximum load of 10kW into the range of 10kW - 25 kW -I -25	15480	I.25
26	Estimate for enhancement of connected load of LT three phase weather proof service connection with a maximum load of 10kW into the range of > 25 kW and less than 50 kVA. -I -26	26750	I.26

Item No.	Description of the work	Approved Rate Rs.	Table of detailed estimate
27	Estimate for enhancement of connected load of LT three phase weather proof service connection with a maximum load of 10kW into the range of 50 kVA - 100 kVA. -I -27	32380	1.27
28	Estimate for enhancement of connected load of LT three phase weather proof service connection with a connected load in the range of > 10kW to 25 kW into the range of > 25 kW and less than 50 kVA. -I -28	26440	1.28
29	Estimate for enhancement of connected load of LT three phase weather proof service connection from the range of 10kW - 25 kW to the range of 50 kVA - 100 kVA (excluding the rate of installation of transformer). -I -29	29080	1.29
30	Estimate for enhancement of connected load of LT three phase weather proof service connection from the range of 25kW -50 kVA to the range of 50 kVA - 100 kVA (excluding the rate of installation of transformer). -I -30	29080	1.30
31	Estimate for shifting one single phase metering equipment with all fittings - I.31 (a)	433	1.31(a)
32	Estimate for shifting one three phase metering equipment with all fittings - I.31 (b)	570	1.31(b)
33	Estimate for shifting one three phase CT metering equipment with all fittings - I.31 ©	997	1.31(c)
34	Estimate for shifting one single phase ToD metering equipment with all fittings - I.31 (d)	542	1.31(d)
35	Estimate for shifting one three phase ToD metering equipment with all fittings - I.31 (e)	1246	1.31(e)
36	Dismantling, shifting and re-erecting one LT pole of single phase OH line using ACSR Rabbit (with or without stay)..Assuming 23 poles & 20 stays per km line II-1	3565	1.32
37	Dismantling, shifting and re-erecting one LT pole of three phase OH line using ACSR Rabbit (with or without stay)..Assuming 23 poles & 20 stays per km line II-2	4280	1.33
38	Dismantling, shifting and re-erecting one 11 KV pole with OH lines using ACSR Racocon Assuming 23 poles and 20 stays per km line II-3	5465	1.34
39	Dismantling, shifting and re-erecting one 11 KV Double pole(DP) with OH lines using ACSR Racocon II-4	13400	1.35
40	Adding one conductor (ACSR Rabbit) on the existing poles (where cross arm is available) inclusive of cost of pin and insulator etc (assuming total 28 Nos poles per km (in which 6 Nos are cut posts) - II - 5	93	1.36
41	Adding one conductor (ACSR Rabbit) on the existing poles (where cross arm is not available) inclusive of cost of pin and insulator etc (assuming total 28 Nos poles per km (in which 6 Nos are cut posts) - II - 6	135	1.37
42	Adding one conductor (ACSR Weasel) on the existing poles (where cross arm is available) inclusive of cost of insulator, pin etc (assuming total 28 Nos posts in which 6 Nos are cut posts) - II - 7	73	1.38
43	Adding one conductor (ACSR Weasel) on the existing poles (where cross arm is not available) inclusive of cost of insulator, pin etc - II - 8	114	1.39
44	Conversion of LT single phase 2 wire to LT 3 phase 4 wire line - II - 9	204	1.40
45	Conversion of LT single phase 2 wire to LT three phase 5 wire line - II - 10	282	1.41
46	Conversion of LT single phase 3 wire line to LT three phase 5 wire line - II - 11	205	1.42
47	Drawing single phase 2 wire line under existing HT line - II - 12	195	1.43
48	Drawing single phase 3 wire line under existing HT line - II - 13	262	1.44
49	Drawing three phase 4 wire line under existing HT line - II - 14	324	1.45
50	Drawing three phase 5 wire line under existing HT line - II - 15	400	1.46
51	Construction of LT single phase 2 wire line - II - 16	625	1.47
52	Construction of LT single phase 3 wire line - II - 17	695	1.48
53	Construction of LT three phase 5 wire line - II - 19	835	1.49
54	Construction of 11 KV line using ACSR Rabbit (without tree cutting compensation) - II - 20	738	1.50

Item No.	Description of the work	Approved Rate Rs.	Table of detailed estimate
55	Construction of 11 KV line using ACSR Racoon (without tree cutting compensation) - II - 21	800	1.51
56	Installation of 1 No. 11 KV/ 433 V, 25 KVA Transformer (pole mounted) - III - 1	217345	1.52
57	Construction of LT three phase 4 wire line - II - 18	763	1.53
58	Installation of double tube fittings including cost of flurescent tubes - IV 1	3600	1.54
59	Installation of ordinary street light -IV. 2	1450	1.55
60	Estimate for supply LT single phase Energy meter IV 3 Static meter with LCD facility)- I - 1	1360	1.56
61	Estimate for supply LT Three phase Energy meter IV 4 Static meter with LCD facility)- I - 1	4515	1.57







<b>Estimate for LT single phase weather proof service connection upto and including 5 KW( using Static meter with LCD facility)- I -1</b>					
<b>Sl.No.</b>	<b>Quantity</b>	<b>Particulars</b>	<b>Rate Rs.</b>	<b>Unit</b>	<b>Cost Rs.</b>
1	1	Iron screws of sizes	20	doz	20
2	2.2	G.I.Wire	76	kg	167.2
3	40	Weather proof wire 2.5 sq.mm Aluminam	13	Mtr	520
4	1	32 A fuse unit	69	No	69
5	0.5	Bolts and Nuts of sizes	85	Kg	42.5
6	1	Insulation tape	17.5	Roll	17.5
8	30	Reel Insulators	3.5	Nos	105
9	1	Service Pipe GI ( 3meter 3/4 " Size)	384	No	384
10		Wooden box	120	No	120
(a)		<b>Cost of materials (sub-total)</b>			<b>1445.2</b>
(b)		Storage @ 3% of cost of materials			43.36
(c)		Contingency @ 3% of cost of material			43.36
(d)		Overhead charges @ 10% of cost of materials			144.52
		<b>Expenditure on materials (Sub-total)</b>			<b>1676.43</b>
(e)		cost of labour			1244
(f)		cost of transportation			185
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>1429</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			142.9
		<b>Expenditure to be recovered (Grand total)</b>			<b>3248.33</b>
				<b>Rounded to Rs.</b>	<b>3250</b>
<b>(Rupees Three thousand two hundred and fifty only.)</b>					

Estimate for LT three phase weather proof service connection upto and including 10 KW (using Static meter with LCD facility)- I -2					
Sl.No.	Quantity	Particulars	Rate Rs.	Unit	Cost Rs.
1	1	Iron screws of sizes	20	doz	20
2	1	Pipe Earth	600	Set.	600
3	4.4	G.I.Wire	76	kg	334.4
4	80	Weather proof wire 1/2.8 mm ( 6 Smm)	19	Mtr	1520
5	3	32 A fuse unit	69	No	207
6	1	Bolts and Nuts of sizes	85	Kg	85
7	1	Insulation tape	17.5	Roll	17.5
8	30	Reel Insulators	3.5	Nos	105
9	1	Service Pipe GI ( 3meter 1 " Size)	600	No	600
9	1	Wooden Box	120	No	120
(a)		<b>Cost of materials (sub-total)</b>			<b>3608.9</b>
(b)		Storage @ 3% of cost of materials			108.267
(c)		Contingency @ 3% of cost of material			108.267
(d)		Overhead charges @ 10% of cost of materials			360.89
		<b>Expenditure on materials (Sub-total)</b>			<b>4186.32</b>
(e)		cost of labour			1658
(f)		cost of transportation			185.18
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>1843.18</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			184.318
		<b>Expenditure to be recovered (Grand total)</b>			<b>6213.82</b>
				<b>Rounded to Rs.</b>	<b>6215</b>
		<b>(Rupees Six thousand two hundred and fifteen only)</b>			



<b>Estimate for LT 3 Ph weather proof service connection upto and including 10 KW &amp; upto and including 25 KW( usingStatic meter with LCD facility)- I -3</b>					
<b>Sl.No.</b>	<b>Quantity</b>	<b>Particulars</b>	<b>Rate Rs.</b>	<b>Unit</b>	<b>Cost Rs.</b>
1	1	Iron screws of sizes	20	doz	20
2	1	Pipe Earth	600	No.	600
3	4.4	G.I.Wire	76	Kg	334.4
4	160	PVC 50 sq.mm SC	58	M	9280
5	3	100 A fuse unit	460	No	1380
6	1	Bolts and Nuts of sizes	85	Kg	85
7	1	Insulation tape	17.5	Roll	17.5
9	1	Wooden box	120	No	120
(a)		<b>Cost of materials (sub-total)</b>			<b>11836.9</b>
(b)		Storage @ 3% of cost of materials			355.107
(c)		Contingency @ 3% of cost of material			355.107
(d)		Overhead charges @ 10% of cost of materials			1183.69
		<b>Expenditure on materials (Sub-total)</b>			<b>13730.8</b>
(e)		cost of labour			2073.5
(f)		cost of transportation			185.18
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>2258.68</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			225.868
		<b>Expenditure to be recovered (Grand total)</b>			<b>16215.4</b>
<b>Rounded to Rs.</b>					<b>16215</b>
<b>(Rupees Sixteen thousand two hundred and fifteen only)</b>					

<b>Estimate for LT three phase weather proof service connection above 25 kW &amp; below 50 KVA - I- 4</b>					
<b>Sl.No.</b>	<b>Quantity</b>	<b>Particulars</b>	<b>Rate Rs.</b>	<b>Unit</b>	<b>Cost Rs.</b>
1	1	Iron screws of sizes	20	doz	20
2	1	Pipe earth	600	No.	600
3	4.4	G.I.Wire	76	Kg	334.4
4	160	PVC 95 sq.mm S.C	108	M	17280
5	3	200 A fuse unit	747	No	2241
6	2	Bolts and Nuts of sizes	85	Kg	170
7	1	Insulation tape	17.5	Roll	17.5
9	1	Wooden Box	120	No	120
(a)		<b>Cost of materials (sub-total)</b>			<b>20782.9</b>
(b)		Storage @ 3% of cost of materials			623.487
(c)		Contingency @ 3% of cost of material			623.487
(d)		Overhead charges @ 10% of cost of materials			2078.29
		<b>Expenditure on materials (Sub-total)</b>			<b>24108.2</b>
(e)		cost of labour			2695.55
(f)		cost of transportation			185.18
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>2880.73</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			288.073
		<b>Expenditure to be recovered (Grand total)</b>			<b>27277</b>
				<b>Rounded to Rs.</b>	<b>27275</b>
<b>(Rupees Twenty seven thousand two hundred and seventy five only)</b>					

<b>Estimate for LT three phase weather proof service connection from 50 kVA and above upto and including 100 kVA (excluding cost for transformer installation) - I- 5</b>					
<b>Sl.No.</b>	<b>Quantity</b>	<b>Particulars</b>	<b>Rate Rs.</b>	<b>Unit</b>	<b>Cost Rs.</b>
1	1	Iron screws of sizes	20	doz	20
2	1	Pipe earth	600	No.	600
3	4.4	G.I.Wire	76	Kg	334.4
4	160	PVC 120 sq.mm S.C	135	M	21600
5	3	200 A fuse unit	747	No	2241
6	2	Bolts and Nuts of sizes	85	Kg	170
7	1	Insulation tape	17.5	Roll	17.5
9	1	Wooden box	120	No	120
(a)		<b>Cost of materials (sub-total)</b>			<b>25102.9</b>
(b)		Storage @ 3% of cost of materials			753.087
(c)		Contingency @ 3% of cost of material			753.087
(d)		Overhead charges @ 10% of cost of materials			2510.29
		<b>Expenditure on materials (Sub-total)</b>			<b>29119.4</b>
(e)		cost of labour			2902.9
(f)		cost of transportation			185.18
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>3088.08</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			308.808
		<b>Expenditure to be recovered (Grand total)</b>			<b>32516.3</b>
<b>Rounded to Rs.</b>					<b>32515</b>
<b>(Rupees Thirty two thousand five hundred and fifteen only)</b>					

Estimate for providing support pole for weather proof service connection					
I- 6					
SI.No.	Quantity	Particulars	Rate Rs.	Unit	Cost Rs.
1	1	8 Meter Iron Post	9645	No.	9645
2	1	Clamp with Bolt and Nut	96	Set	96
(a)		<b>Cost of materials (sub-total)</b>			<b>9741</b>
(b)		Storage @ 3% of cost of materials			292.23
(c)		Contingency @ 3% of cost of material			292.23
(d)		Overhead charges @ 10% of cost of materials			974.1
		<b>Expenditure on materials (Sub-total)</b>			<b>11299.6</b>
(e)		cost of labour			1057.65
(f)		cost of transportation			637.56
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>1695.21</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			169.521
		<b>Expenditure to be recovered (Grand total)</b>			<b>13164.3</b>
<b>Rounded to Rs.</b>					<b>13165</b>
<b>(Rupees Thirteen thousand one hundred and sixty five only.)</b>					

Estimate for LT single phase over head service connection upto and including 50 m with maximum 1 Post.					
-I-7					
Sl.No.	Quantity	Particulars	Rate Rs.	Unit	Cost Rs.
1	1	8 Meter iron Post	9645	No	9645
2	2	2 Line Vertical Cross arm	750	No	1500
3	4	Shackle set	55	Set	220
4	2	LT stay set	1500	Set	3000
5	0.5	Bolt & Nut of sizes	85	Kg	42.5
6	103	ACSR Weasel	26	M	2678
(a)		<b>Cost of materials (sub-total)</b>			<b>17085.5</b>
(b)		Storage @ 3% of cost of materials			512.565
(c)		Contingency @ 3% of cost of material			512.565
(d)		Overhead charges @ 10% of cost of materials			1708.55
		<b>Expenditure on materials (Sub-total)</b>			<b>19819.2</b>
(e)		cost of labour			3338
(f)		cost of transportation			830
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>4168</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			416.8
		<b>Expenditure to be recovered (Grand total)</b>			<b>24404</b>
				<b>Rounded to Rs.</b>	<b>24400</b>
<b>(Rupees Twenty four thousand and four hundred only.)</b>					
Note: Total estimate amount is to be arrived by including weather proof portion also					

Estimate for LT single phase over head service connection above 50 m upto and including 100 m with maximum 2 Posts. -I -8					
SI.No.	Quantity	Particulars	Rate Rs.	Unit	Cost Rs.
1	2	8 Meter iron Post	9645	No	19290
2	3	2 Line Vertical Cross arm	750	No.	2250
3	4	Shackle set	55	Set	220
4	2	Pin insulator set	55	Set	110
5	2	LT stay set	1500	Set	3000
6	1	Bolt & Nut of sizes	85	Kg	85
7	206	ACSR Weasel	26	M	5356
(a)		<b>Cost of materials (sub-total)</b>			<b>30311</b>
(b)		Storage @ 3% of cost of materials			909.33
(c)		Contingency @ 3% of cost of material			909.33
(d)		Overhead charges @ 10% of cost of materials			3031.1
		<b>Expenditure on materials (Sub-total)</b>			<b>35160.8</b>
(e)		cost of labour			5215
(f)		cost of transportation			1668.01
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>6883.01</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			688.301
		<b>Expenditure to be recovered (Grand total)</b>			<b>42732.1</b>
<b>Rounded to Rs.</b>					<b>42730</b>
<b>(Rupees Forty two thousand Seven hundred and thirty only.)</b>					
Note: Total estimate amount is to be arrived by including weather proof portion also					

<b>Estimate for LT single phase over head service connection upto and including 100 m upto and including 150 m with maximum 3 Posts. -I -9</b>					
<b>Sl.No.</b>	<b>Quantity</b>	<b>Particulars</b>	<b>Rate Rs.</b>	<b>Unit</b>	<b>Cost Rs.</b>
1	3	8 Meter iron Post	9645	No	28935
2	4	2 line Xarm with clamp for iron post (Vertical)	750	No.	3000
3	4	Shackle set	55	Set	220
4	4	Pin insulator set	55	Set	220
5	2	LT stay set	1500	Set	3000
6	1.5	Bolt & Nut of sizes	85	Kg	127.5
7	309	ACSR Weasel	26	M	8034
(a)		<b>Cost of materials (sub-total)</b>			<b>43536.5</b>
(b)		Storage @ 3% of cost of materials			1306.1
(c)		Contigency @ 3% of cost of material			1306.1
(d)		Overhead charges @ 10% of cost of materials			4353.65
		<b>Expenditure on materials (Sub-total)</b>			<b>50502.3</b>
(e)		cost of labour			6873
(f)		cost of transportation			2502
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>9375</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			937.5
		<b>Expenditure to be recovered (Grand total)</b>			<b>60814.8</b>
				<b>Rounded to Rs.</b>	<b>60815</b>
		<b>(Rupees Sixty thousand eight hundred and fifteen only)</b>			
<b>Note: Total estimate amount is to be arrived by including weather proof portion also</b>					

Estimate for LT single phase over head service connection above 150 m upto and including 200 m with maximum 4 Posts. -I -10					
Sl.No.	Quantity	Particulars	Rate Rs.	Unit	Cost Rs.
1	4	8 Meter iron Post	9645	No	38580
2	5	2 line Xarm with clamp for iron post (Vertical)	750	No.	3750
3	4	Shackle set	55	Set	220
4	6	Pin insulator set	55	Set	330
5	2	LT stay set	1500	Set	3000
6	2	Bolt & Nut of sizes	85	Kg	170
7	412	ACSR Weasel	26	M	10712
(a)		<b>Cost of materials (sub-total)</b>			<b>56762</b>
(b)		Storage @ 3% of cost of materials			1702.86
(c)		Contingency @ 3% of cost of material			1702.86
(d)		Overhead charges @ 10% of cost of materials			5676.2
		<b>Expenditure on materials (Sub-total)</b>			<b>65843.9</b>
(e)		cost of labour			8957.85
(f)		cost of transportation			3336.01
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>12293.9</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			1229.39
		<b>Expenditure to be recovered (Grand total)</b>			<b>79367.2</b>
				<b>Rounded to Rs.</b>	<b>79370</b>
<b>(Rupees Seventy nine thousand three hundred and seventy only)</b>					
Note: Total estimate amount is to be arrived by including weather proof portion also					



<b>Estimate for LT three phase over head service connection upto and including 50 m with maximum 1 Post. - I-11</b>					
<b>Sl.No.</b>	<b>Quantity</b>	<b>Particulars</b>	<b>Rate Rs.</b>	<b>Unit</b>	<b>Cost Rs.</b>
1	1	8 Meter iron Post	9645	No	9645
2	2	4 line Xarm ( Vertical type)	1100	No	2200
3	8	Shackle set	55	Set	440
4	2	LT stay set	1500	Set	3000
5	1.25	Bolt & Nut of sizes	85	Kg	106
6	154.5	ACSR Rabbit	43	m	6644
7	51.5	ACSR Rabbit	43	m	2215
(a)		<b>Cost of materials (sub-total)</b>			<b>24249.3</b>
(b)		Storage @ 3% of cost of materials			727.478
(c)		Contigency @ 3% of cost of material			727.478
(d)		Overhead charges @ 10% of cost of materials			2424.93
		<b>Expenditure on materials (Sub-total)</b>			<b>28129.1</b>
(e)		cost of labour			3579
(f)		cost of transportation			971.37
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>4550.37</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			455.037
		<b>Expenditure to be recovered (Grand total)</b>			<b>33134.5</b>
<b>Rounded to Rs.</b>					<b>33135</b>
<b>(Rupees Thiry three thousand one hundred and thirty five only.)</b>					
Note: Total estimate amount is to be arrived by including weather proof portion also					

<b>Estimate for LT three phase over head service connection above 50 m upto and including 100 m with maximum 2 Post. -I -12</b>					
<b>SI.No.</b>	<b>Quantity</b>	<b>Particulars</b>	<b>Rate Rs.</b>	<b>Unit</b>	<b>Cost Rs.</b>
1	2	8 Meter iron Post	9645	No	19290
2	3	4 line Xarm ( Vertical type)	1100	No	3300
3	8	Shackle set	55	Set	440
4	4	Pin insulator set	55	Set	220
5	2	LT stay set	1500	Set	3000
6	2.5	Bolt & Nut of sizes	85	Kg	212.5
7	309	ACSR Rabbit	43	m	13287
8	103	ACSR Rabbit	43	m	4429
(a)		<b>Cost of materials (sub-total)</b>			<b>44178.5</b>
(b)		Storage @ 3% of cost of materials			1325.36
(c)		Contingency @ 3% of cost of material			1325.36
(d)		Overhead charges @ 10% of cost of materials			4417.85
		<b>Expenditure on materials (Sub-total)</b>			<b>51247.1</b>
(e)		cost of labour			5905
(f)		cost of transportation			1946.01
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>7851.01</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			785.101
		<b>Expenditure to be recovered (Grand total)</b>			<b>59883.2</b>
				<b>Rounded to Rs.</b>	<b>59885</b>
		<b>(Rupees Fifty nine thousand eight hundred and eighty five only.)</b>			
Note: Total estimate amount is to be arrived by including weather proof portion also					

<b>Estimate for LT three phase over head service connection above 100 m upto and including 150 m with maximum 3 Posts. -I -13</b>					
<b>Sl.No.</b>	<b>Quantity</b>	<b>Particulars</b>	<b>Rate Rs.</b>	<b>Unit</b>	<b>Cost Rs.</b>
1	3	8 Meter iron Post	9645	No	28935
2	4	4 line Xarm with clamp	1100	No	4400
3	8	Shackle set	55	Set	440
4	8	Pin insulator set	55	Set	440
5	2	LT stay set	1500	Set	3000
6	3.75	Bolt & Nuts of sizes	85	Kg	318.75
7	463.5	ACSR Rabbit	43	m	19930.5
8	154.5	ACSR Rabbit	43	m	6643.5
(a)		<b>Cost of materials (sub-total)</b>			<b>64107.8</b>
(b)		Storage @ 3% of cost of materials			1923.23
(c)		Contingency @ 3% of cost of material			1923.23
(d)		Overhead charges @ 10% of cost of materials			6410.78
		<b>Expenditure on materials (Sub-total)</b>			<b>74365</b>
(e)		cost of labour			7816
(f)		cost of transportation			2917
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>10733</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			1073.3
		<b>Expenditure to be recovered (Grand total)</b>			<b>86171.3</b>
				<b>Rounded to Rs.</b>	<b>86170</b>
<b>(Rupees Eighty six thousand one hundred and seventy only.)</b>					
Note: Total estimate amount is to be arrived by including weather proof portion also					

<b>Estimate for LT three phase over head service connection above 150 m upto and including 200 m with maximum 4 Posts. -I -14</b>					
<b>SI.No.</b>	<b>Quantity</b>	<b>Particulars</b>	<b>Rate Rs.</b>	<b>Unit</b>	<b>Cost Rs.</b>
1	4	8 Meter iron Post	9645	No	38580
2	5	4 line Xarm with clamp	1100	No	5500
3	8	Shackle set	55	Set	440
4	12	Pin insulator set	55	Set	660
5	2	LT stay set	1500	Set	3000
6	5	Bolt & Nuts of sizes	85	Kg	425
7	618	ACSR Rabbit	43	m	26574
8	206	ACSR Rabbit	43	m	8858
(a)		<b>Cost of materials (sub-total)</b>			<b>84037</b>
(b)		Storage @ 3% of cost of materials			2521.11
(c)		Contingency @ 3% of cost of material			2521.11
(d)		Overhead charges @ 10% of cost of materials			8403.7
		<b>Expenditure on materials (Sub-total)</b>			<b>97482.9</b>
(e)		cost of labour			9934.1
(f)		cost of transportation			3888.74
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>13822.8</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			1382.28
		<b>Expenditure to be recovered (Grand total)</b>			<b>112688</b>
				<b>Rounded to Rs.</b>	<b>112690</b>
		<b>(Rupees One lakh twelve thousand six hundred and ninety only.)</b>			
Note: Total estimate amount is to be arrived by including weather proof portion also					

Estimate for post insertion in LT single phase over head line (without stay )					
-I -15					
Sl.No.	Quantity	Particulars	Rate Rs.	Unit	Cost Rs.
1	1	8 Meter iron Post	9645	No	9645
2	1	4 line Xarm with clamp	1100	No	1100
3	2	Pin insulator set	55	Set	110
4	0.5	Bolt & Nut of sizes	85	Kg	42.5
(a)		<b>Cost of materials (sub-total)</b>			<b>10897.5</b>
(b)		Storage @ 3% of cost of materials			326.925
(c)		Contingency @ 3% of cost of material			326.925
(d)		Overhead charges @ 10% of cost of materials			1089.75
		<b>Expenditure on materials (Sub-total)</b>			<b>12641.1</b>
(e)		cost of labour			2105.73
(f)		cost of transportation			830.73
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>2936.46</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			293.646
		<b>Expenditure to be recovered (Grand total)</b>			<b>15871.2</b>
				<b>Rounded to Rs.</b>	<b>15870</b>
<b>(Rupees Fifteen thousand eight hundred and seventy only.)</b>					

Estimate for post insertion in LT single phase over head line (with stay )					
-I -16					
Sl.No.	Quantity	Particulars	Rate Rs.	Unit	Cost Rs.
1	1	8 Meter iron Post	9645	No	9645
2	1	2 line Xarm with clamp for PSC post	750	No	750
3	2	Pin insulator set	55	Set	110
4	1	LT stay set	1500	Set	1500
5	0.5	Bolt & Nut of sizes	85	Kg	42.5
(a)		<b>Cost of materials (sub-total)</b>			<b>12047.5</b>
(b)		Storage @ 3% of cost of materials			361.425
(c)		Contingency @ 3% of cost of material			361.425
(d)		Overhead charges @ 10% of cost of materials			1204.75
		<b>Expenditure on materials (Sub-total)</b>			<b>13975.1</b>
(e)		cost of labour			2412
(f)		cost of transportation			830.73
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>3242.73</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			324.273
		<b>Expenditure to be recovered (Grand total)</b>			<b>17542.1</b>
				<b>Rounded to Rs.</b>	<b>17540</b>
<b>(Rupees Seventeen thousand five hundred and forty only.)</b>					

Estimate for post insertion in LT single phase over head line (with strut)					
-I -17					
Sl.No.	Quantity	Particulars	Rate Rs.	Unit	Cost Rs.
1	1	8 Meter iron Post	9645	No	9645
2	1	IRON STRUT(9MTRS)	6000	No	6000
3	1	2 line Xarm with clamp for PSC post	750	No	750
4	2	Pin insulator set	55	Set	110
5	2	clamp	75	No	150
6	0.5	Bolt & Nut of sizes	85	Kg	42.5
(a)		<b>Cost of materials (sub-total)</b>			<b>16697.5</b>
(b)		Storage @ 3% of cost of materials			500.925
(c)		Contigency @ 3% of cost of material			500.925
(d)		Overhead charges @ 10% of cost of materials			1669.75
		<b>Expenditure on materials (Sub-total)</b>			<b>19369.1</b>
(e)		cost of labour			3018
(f)		cost of transportation			830.73
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>3848.73</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			384.873
		<b>Expenditure to be recovered (Grand total)</b>			<b>23602.7</b>
<b>Rounded to Rs.</b>					<b>23600</b>
<b>(Rupees Twenty three thousand and six hundred only.)</b>					

Estimate for post insertion in LT three phase over head line (without stay)					
-I -18					
Sl.No.	Quantity	Particulars	Rate Rs.	Unit	Cost Rs.
1	1	8 Meter iron Post	9645	No	9645
2	1	4 line Xarm with clamp (Vertical)	1100	No	1100
3	4	Pin insulator set	55	Set	220
4	1.25	Bolt & Nut of sizes	85	Kg	106.25
(a)		<b>Cost of materials (sub-total)</b>			<b>11071.3</b>
(b)		Storage @ 3% of cost of materials			332.138
(c)		Contingency @ 3% of cost of material			332.138
(d)		Overhead charges @ 10% of cost of materials			1107.13
		<b>Expenditure on materials (Sub-total)</b>			<b>12842.7</b>
(e)		cost of labour			971.37
(f)		cost of transportation			2131.31
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>3102.68</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			310.268
		<b>Expenditure to be recovered (Grand total)</b>			<b>16255.6</b>
				<b>Rounded to Rs.</b>	<b>16255</b>
<b>(Rupees Sixteen thousand two hundred and fifty five only.)</b>					



Estimate for post insertion in LT three phase over head line (with stay )					
-I -19					
Sl.No.	Quantity	Particulars	Rate Rs.	Unit	Cost Rs.
1	1	8 Meter iron Post	9645	No	9645
2	1	4 line Xarm with clamp (Vertical)	1100	No	1100
3	4	Pin insulator set	55	Set	220
4	1	LT stay set	1500	Set	1500
5	1.25	Bolt & Nut of sizes	85	Kg	106.25
(a)		<b>Cost of materials (sub-total)</b>			<b>12571.3</b>
(b)		Storage @ 3% of cost of materials			377.138
(c)		Contigency @ 3% of cost of material			377.138
(d)		Overhead charges @ 10% of cost of materials			1257.13
		<b>Expenditure on materials (Sub-total)</b>			<b>14582.7</b>
(e)		cost of labour			2131.31
(f)		cost of transportation			971.37
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>3102.68</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			310.268
		<b>Expenditure to be recovered (Grand total)</b>			<b>17995.6</b>
				<b>Rounded to Rs.</b>	<b>17995</b>
<b>(Rupees Seventeen thousand nine hundred and ninty five only)</b>					

Estimate for post insertion in LT three phase over head line (with strut )					
-I -20					
Sl.No.	Quantity	Particulars	Rate Rs.	Unit	Cost Rs.
1	1	8 Meter iron Post	9645	No	9645
2	1	IRON STRUT(9MTRS)	6000	No	6000
3	1	4 line Xarm with clamp (Vertical)	1100	No	1100
4	4	Pin insulator set	55	Set	220
5	1.25	Bolt & Nut of sizes	85	Kg	106
6	2	clamp	150	No	300
(a)		<b>Cost of materials (sub-total)</b>			<b>17371.3</b>
(b)		Storage @ 3% of cost of materials			521.138
(c)		Contigency @ 3% of cost of material			521.138
(d)		Overhead charges @ 10% of cost of materials			1737.13
		<b>Expenditure on materials (Sub-total)</b>			<b>20150.7</b>
(e)		cost of labour			3054.93
(f)		cost of transportation			971.37
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>4026.3</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			402.63
		<b>Expenditure to be recovered (Grand total)</b>			<b>24579.6</b>
				<b>Rounded to Rs.</b>	<b>24580</b>
<b>(Rupees Twenty four thousand five hundred and eighty only )</b>					

Estimate for conversion of LT single phase weather proof service connection to LT three phase weather proof service connection with connected load upto and including 10 kW					
-I -21					
Sl.No.	Quantity	Particulars	Rate Rs.	Unit	Cost Rs.
1	1	Iron screws of sizes	20	doz	20
2	1.375	G.I. wire	76	Kg	104.5
3	40	Weather proof wire 1/2.5 mm T.C	13	Mtr	520
4	2	32 A fuse unit	69	Each	138
5	2	Bolt & Nut of sizes	85	Kg	170
6	1	Insulation tape	17.5	Roll	17.5
(a)		<b>Cost of materials (sub-total)</b>			<b>970</b>
(b)		Storage @ 3% of cost of materials			29.1
(c)		Contingency @ 3% of cost of material			29.1
(d)		Overhead charges @ 10% of cost of materials			97
		<b>Expenditure on materials (Sub-total)</b>			<b>1125.2</b>
(e)		cost of labour			2073.5
(f)		cost of transportation			185.18
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>2258.68</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			225.868
		<b>Expenditure to be recovered (Grand total)</b>			<b>3609.75</b>
				<b>Rounded to Rs.</b>	<b>3610</b>
<b>(Rupees Three thousand six hundred and ten only.)</b>					

Estimate for conversion of LT single phase weather proof service connection to LT three phase weather proof service connection with connected load above 10kW upto and including 25 kW					
-I -22					
Sl.No.	Quantity	Particulars	Rate Rs.	Unit	Cost Rs.
1	1	Iron screws of sizes	20	doz	20
2	4.4	G.I. wire	76	Kg	334.4
3	160	PVC 50 sq.mm.S.C	58	m	9280
4	3	100 A fuse unit	460	Each	1380
5	2	Bolt & Nut of sizes	85	Kg	170
6	1	Insulation tape	17.5	Roll	17.5
(a)		<b>Cost of materials (sub-total)</b>			<b>11201.9</b>
(b)		Storage @ 3% of cost of materials			336.057
(c)		Contingency @ 3% of cost of material			336.057
(d)		Overhead charges @ 10% of cost of materials			1120.19
		<b>Expenditure on materials (Sub-total)</b>			<b>12994.2</b>
(e)		cost of labour			2073
(f)		cost of transportation			185.18
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>2258.18</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			225.818
		Credit depreciated value @ 50% for the following :			-292
		35m weather proof wire 1/2.8mm, T.C @ Rs. 1100/coil:			
		1 No. 32A fuse unit @ Rs. 69/-, 2.2kg GI wire @ Rs.59/-			
		<b>Expenditure to be recovered (Grand total)</b>			<b>15157.2</b>
				<b>Rounded to Rs.</b>	<b>15160</b>
		<b>Rupees Fifteen thousand one hundred and sixty only.</b>			

Estimate for conversion of LT single phase weather proof service connection to LT three phase weather proof service connection with connected load above 25kW and below 50 kVA					
-I -23					
Sl.No.	Quantity	Particulars	Rate Rs.	Unit	Cost Rs.
1	1	Iron screws of sizes	20	doz	20
2	4.4	G.I. wire	76	Kg	334.4
3	160	PVC 95 sq.mm.S.C	108	m	17280
4	3	200 A fuse unit	747	No	2241
5	2	Bolt & Nut of sizes	85	Kg	170
6	1	Insulation tape	17.5	Roll	17.5
(a)		<b>Cost of materials (sub-total)</b>			<b>20062.9</b>
(b)		Storage @ 3% of cost of materials			601.887
(c)		Contingency @ 3% of cost of material			601.887
(d)		Overhead charges @ 10% of cost of materials			2006.29
		<b>Expenditure on materials (Sub-total)</b>			<b>23273</b>
(e)		cost of labour			2280
(f)		cost of transportation			185.18
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>2465.18</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			246.518
		Credit depreciated value @ 50% for the following :			25984.7
		35m weather proof wire 1/2.8mm, T.C @ Rs. 1100/coil:			
		1 No. 32A fuse unit @ Rs. 69/-, 2.2kg GI wire @ Rs.59/-			-292
		<b>Expenditure to be recovered (Grand total)</b>			<b>25692.7</b>
				<b>Rounded to Rs.</b>	<b>25690</b>
<b>(Rupees Twenty five thousand six hundred and ninety only.)</b>					

<b>Estimate for conversion of LT single phase weather proof service connection to LT three phase weather proof service connection with connected load 50 kVA and upto and including 100 kVA -I -24</b>					
<b>Sl.No.</b>	<b>Quantity</b>	<b>Particulars</b>	<b>Rate Rs.</b>	<b>Unit</b>	<b>Cost Rs.</b>
1	1	Iron screws of sizes	20	doz	20
2	4.4	G.I. wire	76	Kg	334.4
3	160	PVC 120 sq.mm.S.C	135	m	21600
4	3	200 A fuse unit	747	No	2241
5	2	Bolt & Nut of sizes	85	Kg	170
6	1	Insulation tape	17.5	Roll	17.5
8	1	Wooden box	120		120
(a)		<b>Cost of materials (sub-total)</b>			<b>24502.9</b>
(b)		Storage @ 3% of cost of materials			735.087
(c)		Contingency @ 3% of cost of material			735.087
(d)		Overhead charges @ 10% of cost of materials			2450.29
		<b>Expenditure on materials (Sub-total)</b>			<b>28423.4</b>
(e)		cost of labour			2280
(f)		cost of transportation			185.18
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>2465.18</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			246.518
		Credit depreciated value @ 50% for the following :			
		35m weather proof wire 1/2.8mm, T.C @ Rs. 1100/coil:			31135.1
		1 No. 32A fuse unit @ Rs. 69/-, 2.2kg GI wire @ Rs.59/-			-292
		<b>Expenditure to be recovered (Grand total)</b>			
<b>Rounded to Rs.</b>					<b>30843.1</b>
<b>(Rupees Thirty thousand eight hundred and forty five only.)</b>					<b>Rs 30843.1</b>

Estimate for enhancement of connected load of LT three phase weather proof service connection with a maximum load of 10kW into the range of 10kW - 25 kW					
-I -25					
Sl.No.	Quantity	Particulars	Rate Rs.	Unit	Cost Rs.
1	1	Iron screws of sizes	20	doz	20
2	4.4	G.I. wire	76	Kg	334.4
3	160	PVC 50 sq.mm SC	58	M	9280
4	3	100 A fuse unit	460	No	1380
5	2	Bolt & Nut of sizes	85	Kg	170
6	1	Insulation tape	17.5	Roll	17.5
(a)		<b>Cost of materials (sub-total)</b>			<b>11201.9</b>
(b)		Storage @ 3% of cost of materials			336.057
(c)		Contingency @ 3% of cost of material			336.057
(d)		Overhead charges @ 10% of cost of materials			1120.19
		<b>Expenditure on materials (Sub-total)</b>			<b>12994.2</b>
(e)		cost of labour			2073
(f)		cost of transportation			185.18
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>2258.18</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			225.818
		<b>Expenditure to be recovered (Grand total)</b>			<b>15478.2</b>
				<b>Rounded to Rs.</b>	<b>15480</b>
<b>(Rupees Fifteen thousand four hundred and eighty only.)</b>					
Note: If the energy meter is provided by KDHP the meter Cost Rs 3500 and 10%over head charge will be collected extra					

<b>Estimate for enhancement of connected load of LT three phase weather proof service connection with a maximum load of 10kW into the range of &gt; 25 kW and less than 50 kVA. -I -26</b>					
<b>SI.No.</b>	<b>Quantity</b>	<b>Particulars</b>	<b>Rate Rs.</b>	<b>Unit</b>	<b>Cost Rs.</b>
1	1	Iron screws of sizes	20	doz	20
2	2	Earth Pipe	300	Nos	600
3	160	PVC 95 sq.mm SC	108	M	17280
4	3	200 A fuse unit	747	No	2241
5	2	Bolt & Nut of sizes	85	Kg	170
6	1	Insulation tape	17.5	Roll	17.5
(a)		<b>Cost of materials (sub-total)</b>			<b>20328.5</b>
(b)		Storage @ 3% of cost of materials			609.855
(c)		Contingency @ 3% of cost of material			609.855
(d)		Overhead charges @ 10% of cost of materials			2032.85
		<b>Expenditure on materials (Sub-total)</b>			<b>23581.1</b>
(e)		cost of labour			2695.73
(f)		cost of transportation			185.18
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>2880.91</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			288.091
		<b>Expenditure to be recovered (Grand total)</b>			<b>26750.1</b>
<b>Rounded to Rs.</b>					<b>26750</b>
<b>(Rupees Twenty six thousand seven hundred and fifty only.)</b>					
Note: If the energy meter is provided by KDHP the meter Cost Rs 3500 and 10%over head charge will be collected extra					



<b>Estimate for enhancement of connected load of LT three phase weather proof service connection with a maximum load of 10kW into the range of 50 kVA - 100 kVA.</b>					
<b>-I -27</b>					
<b>Sl.No.</b>	<b>Quantity</b>	<b>Particulars</b>	<b>Rate Rs.</b>	<b>Unit</b>	<b>Cost Rs.</b>
1	1	Iron screws of sizes	20	doz	20
2	2	Earth Pipe	300	No	600
3	4.4	G.I. wire	76	Kg	334.4
4	160	PVC 120 sq.mm SC	135	M	21600
5	3	200 A fuse unit	747	No	2241
6	2	Bolt & Nut of sizes	85	Kg	170
7	1	Insulation tape	17.5	Roll	17.5
(a)		<b>Cost of materials (sub-total)</b>			<b>24982.9</b>
(b)		Storage @ 3% of cost of materials			749.487
(c)		Contingency @ 3% of cost of material			749.487
(d)		Overhead charges @ 10% of cost of materials			2498.29
		<b>Expenditure on materials (Sub-total)</b>			<b>28980.2</b>
(e)		cost of labour			2902.9
(f)		cost of transportation			185.18
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>3088.08</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			308.808
		<b>Expenditure to be recovered (Grand total)</b>			<b>32377.1</b>
<b>Rounded to Rs.</b>					<b>32380</b>
<b>(Rupees Thirty two thousand three hundred and eighty only.)</b>					
Note: 1. If the energy meter is provided by KDHP the meter cost Rs.3500/- and 10% over head charge . will be collected extra.					
2. Estimate for transformer installation attached seperately					

<b>Estimate for enhancement of connected load of LT three phase weather proof service connection with a connected load in the range of &gt; 10kW to 25 kW into the range of &gt; 25 kW and less than 50 kVA. -I -28</b>					
<b>Sl.No.</b>	<b>Quantity</b>	<b>Particulars</b>	<b>Rate Rs.</b>	<b>Unit</b>	<b>Cost Rs.</b>
1	1	Iron screws of sizes	20	doz	20
2	4.4	G.I. wire	76	Kg	334.4
3	160	PVC 95 sq.mm SC	108	M	17280
4	3	200 A fuse unit	747	No	2241
5	2	Bolt & Nut of sizes	85	Kg	170
6	1	Insulation tape	17.5	Roll	17.5
(a)		<b>Cost of materials (sub-total)</b>			<b>20062.9</b>
(b)		Storage @ 3% of cost of materials			601.887
(c)		Contingency @ 3% of cost of material			601.887
(d)		Overhead charges @ 10% of cost of materials			2006.29
		<b>Expenditure on materials (Sub-total)</b>			<b>23273</b>
(e)		cost of labour			2695.55
(f)		cost of transportation			185.18
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>2880.73</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			288.073
		<b>Expenditure to be recovered (Grand total)</b>			<b>26441.8</b>
				<b>Rounded to Rs.</b>	<b>26440</b>
<b>(Rupees Twenty six thousand four hundred and fourty only.)</b>					
Note: If the energy meter is provided by KDHP the meter Cost Rs 3500/- and 10% over head charge will be collected extra					

<b>Estimate for enhancement of connected load of LT three phase weather proof service connection from the range of 10kW - 25 kW to the range of 50 kVA - 100 kVA (excluding the rate of installation of transformer).</b>					
<b>I -29</b>					
<b>Sl.No.</b>	<b>Quantity</b>	<b>Particulars</b>	<b>Rate Rs.</b>	<b>Unit</b>	<b>Cost Rs.</b>
1	1	Iron screws of sizes	20	doz	20
2	4.4	G.I. wire	76	Kg	334.4
3	160	PVC 120 sq.mm SC	135	M	21600
4	2	Bolt & Nut of sizes	85	Kg	170
5	1	Insulation tape	17.5	Roll	17.5
(a)		<b>Cost of materials (sub-total)</b>			<b>22141.9</b>
(b)		Storage @ 3% of cost of materials			664.257
(c)		Contingency @ 3% of cost of material			664.257
(d)		Overhead charges @ 10% of cost of materials			2214.19
		<b>Expenditure on materials (Sub-total)</b>			<b>25684.6</b>
(e)		cost of labour			2902
(f)		cost of transportation			185.18
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>3087.18</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			308.718
		<b>Expenditure to be recovered (Grand total)</b>			<b>29080.5</b>
<b>Rounded to Rs.</b>					<b>29080</b>
<b>(Rupees Twenty nine thousand and eighty only.)</b>					
Note: 1. If the energy meter is provided by KDHP the meter cost Rs 3500/-and 10% overhead charge . will be collected extra.					
2. Estimate for transformer installation attached seperately					

<b>Estimate for enhancement of connected load of LT three phase weather proof service connection from the range of 25kW -50 kVA to the range of 50 kVA - 100 kVA (excluding the rate of installation of transformer).</b>					
<b>- I -30</b>					
<b>Sl.No.</b>	<b>Quantity</b>	<b>Particulars</b>	<b>Rate Rs.</b>	<b>Unit</b>	<b>Cost Rs.</b>
1	1	Iron screws of sizes	20	doz	20
2	4.4	G.I. wire	76	Kg	334.4
3	160	PVC 120 sq.mm SC	135	M	21600
4	2	Bolt & Nut of sizes	85	Kg	170
5	1	Insulation tape	17.5	Roll	17.5
(a)		<b>Cost of materials (sub-total)</b>			<b>22141.9</b>
(b)		Storage @ 3% of cost of materials			664.257
(c)		Contingency @ 3% of cost of material			664.257
(d)		Overhead charges @ 10% of cost of materials			2214.19
		<b>Expenditure on materials (Sub-total)</b>			<b>25684.6</b>
(e)		cost of labour			2902.9
(f)		cost of transportation			185.18
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>3088.08</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			308.808
		<b>Expenditure to be recovered (Grand total)</b>			<b>29081.5</b>
<b>Rounded to Rs.</b>					<b>29080</b>
<b>(Rupees Twenty nine thousand eighty only.)</b>					
Note: 1. If the energy meter is provided by KDHP the meter cost Rs 3500/-and 10% overhead charge will be collected extra.					
2. Estimate for transformer installation attached seperately					

<b>Estimate for shifting Energy meters - I.31 (a)</b>		
	<b>Unit</b>	<b>Amount</b>
<b>Single phase Energy meters</b>		
Shifting one single phase metering equipment with all fittings including lowering down the WP service wire, Dismantling meter board without making damage and refitting the same at new location and redoing the WP service wire with all fittings.	No	394
Supervision charges on cost of labour and transportation @ 10%		39.4
<b>Expenditure to be recovered (Grand total)</b>		<b>433.4</b>
	<b>Rounded to Rs.</b>	<b>433</b>
<b>(Rupees Four hundred and thirty three only.)</b>		

<b>Estimate for shifting Energy meters - I.31 (b)</b>		
	<b>Unit</b>	<b>Amount</b>
<b>Three phase Energy meters</b>		
Shifting one three phase metering equipment with all fittings including lowering down the WP service wire, Dismantling meter board without making damage and refitting the same at new location and redoing the WP service wire with all fittings.	No	518
Supervision charges on cost of labour and transportation @ 10%		51.8
<b>Expenditure to be recovered (Grand total)</b>		569.8
	<b>Rounded to Rs.</b>	<b>570</b>
<b>(Rupees Five hundred and seventy only )</b>		

<b>Estimate for shifting Energy meters - I.31 (c)</b>		
	<b>Unit</b>	<b>Amount</b>
<b>Three phase CT meters</b>		
Shifting one three phase CT metering equipment with all fittings including lowering down the WP service wire, Dismantling meter board without making damage and refitting the same at new location and redoing the WP service wire with all fittings.	No	906
Supervision charges on cost of labour and transportation @ 10%		90.6
<b>Expenditure to be recovered (Grand total)</b>		<b>996.6</b>
	<b>Rounded to Rs.</b>	<b>997</b>
<b>(Rupees Nine hundred and ninety seven only.)</b>		

<b>Estimate for shifting Energy meters - I.31 (d)</b>		
	<b>Unit</b>	<b>Amount</b>
<b>Single phase ToD meters</b>		
Shifting one Single phase ToD metering equipment with all fittings including lowering down the WP service wire, Dismantling meter board without making damage and refitting the same at new location and redoing the WP service wire with all fittings.	No	492.5
Supervision charges on cost of labour and transportation @ 10%		49.25
<b>Expenditure to be recovered (Grand total)</b>		<b>541.75</b>
	<b>Rounded to Rs.</b>	<b>542</b>
<b>(Rupees Five hundred and forty two only)</b>		



<b>Estimate for shifting Energy meters - I.31 (e)</b>		
	<b>Unit</b>	<b>Amount</b>
<b>Three phase ToD meters</b>		
Shifting one Three phase ToD metering equipment with all fittings including lowering down the WP service wire, Dismantling meter board without making damage and refitting the same at new location and redoing the WP service wire with all fittings.	No	1132.5
Supervision charges on cost of labour and transportation @ 10%		113.25
<b>Expenditure to be recovered (Grand total)</b>		<b>1245.8</b>
	<b>Rounded to Rs.</b>	<b>1246</b>
<b>(Rupees One thousand two hundred and forty six only)</b>		

<b>Dismantling, shifting and re-erecting one LT pole of single phase OH line using ACSR Rabbit (with or without stay). Assuming 23 poles &amp; 20 stays per km line II-1</b>		
Particulars		Amount
<b>a) Shifting of 23 Nos. LT PSC/iron poles</b>		
	Digging pole pit	228.09
	Fitting and erecting of LT single pole	844.21
	Dismantling from original position (60% of erection)	506.53
	Giving jumper connection and minor repairs	103.68
	Handling charges LS	66
	Total for LT pole	1748.51
<b>For 28 Poles (1Km) Sub Total (a)</b>		<b>48958.17</b>
<b>b) Shifting of 20 Nos. stays</b>		
	Digging one stay pit	228.09
	Erecting one stay for LT pole	324.78
	Dismantling from original position (60% of erection)	194.87
	Handling charges LS	66
	Total for one stay for LT pole	<b>813.74</b>
<b>For 23 Stays (1Km) Sub Total (b)</b>		<b>18715.97</b>
<b>c) Shifting of 1 Km 11 kV line</b>		
i	Cost of conductor for jointing and wastage	1980
ii	Storage @ 3% of cost of materials	59.4
iii	Contingency @ 3% of cost of material	59.4
iv	Overhead charges @ 10% of cost of materials	198
v	<b>Total (i+ii+iii+iv)</b>	<b>2296.8</b>
vi	Stringing	6782.69
vii	Dismantling from original position (60% of erection)	4069.61
viii	Handling charges	66
ix	Cost of labour for shifting 1 km 11 kV line <b>(vi+vii+viii)</b>	<b>10918.3</b>
x	Supervision charges on cost of labour @ 10 % of (ix)	1091.83
xi	Total cost for shifting 1 km 11 kV line (v+ix+x)	<b>14306.93</b>
xii	Total expenditure for 1 km line ( a+b+c+(xi)	<b>81981.07</b>
xiii	<b>Expenditure to be recovered for dismantling, shifting and re-erecting one 11 KV DP (xii/23)</b>	3564.39
<b>Rounded to Rs.</b>		<b>3565</b>
<b>Rupees Three thousand five hundred and sixty five only.</b>		

<b>Dismantling, shifting and re-erecting one LT pole of three phase OH line using ACSR Rabbit (with or without stay) Assuming 23 poles &amp; 20 stays per km line II-2</b>		
<b>Particulars</b>		<b>Amount</b>
<b>a) Shifting of 23 Nos. LT PSC/Iron poles</b>		
	Digging pole pit	228.09
	Fitting and erecting of LT single pole	844.21
	Dismantling from original position (60% of erection)	506.53
	Giving jumper connection and minor repairs	103.68
	Handling charges LS	66
	Total for LT pole	<b>1748.51</b>
<b>For 28 Poles (1Km) Sub Total (a)</b>		<b>48958.28</b>
<b>b) Shifting of 20 Nos. stays</b>		
	Digging one stay pit	228.09
	Erecting one stay for LT pole	324.78
	Dismantling from original position (60% of erection)	194.87
	Handling charges LS	66
	Total for one stay for LT pole	<b>813.74</b>
<b>For 28 Stays (1Km) Sub Total (b)</b>		<b>18715.97</b>
<b>c) Shifting of 1 Km 11 kV line</b>		
For Shifting 1 km LT three phase line, 150 m conductor is required for jointing and wastage		
i	Cost of conductor for jointing and wastage	5898.6
ii	Storage @ 3% of cost of materials	176.96
iii	Contingency @ 3% of cost of material	176.96
iv	Overhead charges @ 10% of cost of materials	589.86
v	<b>Total (i+ii+iii+iv)</b>	<b>6842.38</b>
vi	Stringing	13565.38
vii	Dismantling from original position (60% of erection)	8139.23
viii	Handling charges	100
ix	Cost of labour for shifting 1 km 11 kV line <b>(vi+vii+viii)</b>	<b>21804.61</b>
x	Supervision charges on cost of labour @ 10 % of (ix)	2180.461
xi	Total cost for shifting 1 km 11 kV line (v+ix+x)	<b>30827.45</b>
xii	Total expenditure for 1 km line ( a+b+c(xi)	<b>98501.70</b>
xiii	<b>Expenditure to be recovered for dismantling, shifting and re-erecting one 11 KV DP (xii/23)</b>	4282.68
	<b>Rounded to Rs.</b>	<b>4280</b>
<b>Rupees Four thousand two hundred and eighty only.</b>		

<b>Dismantling, shifting and re-erecting one 11 KV pole with OH lines using ACSR Racocon Assuming 23 poles and 20 stays per km line II-3</b>		
Particulars		Amount
<b>a) Shifting of 23 Nos. 11 KV PSC/iron poles</b>		
	Digging one pole pit	414.7
	Fitting and erecting of 11 KV single pole	1496
	Dismantling from original position (60% of erection)	897.6
	Giving jumper connection and minor repairs	66
	Handling charges	100
	Total for 11 KV pole	<b>2974.3</b>
	<b>For 23 Poles (1Km) Sub Total (a)</b>	<b>68408.9</b>
<b>b) Shifting of 23 Nos. 11 KV stays</b>		
	Digging one stay pit	414.7
	Erecting one stay for 11 KV pole	431.75
	Dismantling from original position	259.05
	Handling charges	66
	Total for one stay for 11 KV pole	<b>1171.5</b>
	<b>For 23 Stays (1Km) Sub Total (b)</b>	<b>26944.5</b>
<b>c) Shifting of 1 Km 11 kv line</b>		
For Shifting 1 km 11 KV line, 100 m conductor is required for jointing and wastage		
i	Cost of conductor for jointing and wastage	5856.9
ii	Storage @ 3% of cost of materials	175.707
iii	Contingency @ 3% of cost of material	175.707
iv	Overhead charges @ 10% of cost of materials	585.69
v	<b>Total (i+ii+iii+iv)</b>	<b>6794.004</b>
vi	Stringing	13187.38
vii	Dismantling	7912.43
viii	Handling charges	296
ix	Cost of labour for shifting 1 km 11 kv line (vi+vii+viii)	<b>21395.81</b>
x	Supervision charges on cost of labour @ 10 % of (ix)	2139.581
xi	Total cost for shifting 1 km 11 kv line (v+ix+x)	<b>30329.4</b>
xii	Total expenditure for 1 km line ( a+b+c(xi)	<b>125682.8</b>
xiii	<b>Expenditure to be recovered for dismantling, shifting and re-erecting one 11 KV DP (xii/23)</b>	5464.469
	<b>Rounded to Rs.</b>	<b>5465</b>
<b>Rupees Five thousand four hundred and sixty five only.</b>		

<b>Dismantling, shifting and re-erecting one 11 KV Double pole(DP) with OH lines using ACSR Racoon II-4</b>		
Particulars	Amount	
<b>a) Shifting 11 KV DP using PSC poles</b>		
Digging pole pit	829.4	
Fitting and erecting of 11 KV Double pole	4073.3	
Dismantling from original position	2443.98	
Giving jumper connection and minor repairs	66	
Handling charges	100	
<b>Sub Total (a)</b>	<b>7512.68</b>	
<b>b) Shifting one 11 KV stay</b>		
Digging one stay pit	1658.8	
Erecting one stay	1727	
Dismantling from original position	1036.2	
Handling charges	100	
<b>Sub Total (b)</b>	<b>4522</b>	
<b>c) Shifting 1 Km 11 KV line</b>		
For Shifting 1 km line, 100 m conductor is required for jointing and wastage		
i	Cost of conductor for jointing and wastage	5856.9
ii	Storage @ 3% of cost of materials	175.707
iii	Contingency @ 3% of cost of material	175.707
iv	Overhead charges @ 10% of cost of materials	585.69
v	<b>Total (i+ii+iii+iv)</b>	<b>6794.004</b>
vi	Stringing	13187.38
vii	Dismantling	7912.43
viii	Handling charges	296
ix	Cost of labour for shifting 1 km 11 kV line <b>(vi+vii+viii)</b>	<b>21395.81</b>
x	Supervision charges on cost of labour @ 10 % of (ix)	2139.581
xi	Total cost for shifting 1 km 11 kV line (v+ix+x)	<b>30329.4</b>
xii	Shifting line for 1 pole (xi/23)	1318.67
	<b>Expenditure to be recovered for dismantling, shifting and re-erecting one 11 KV DP (a+b+c(xii))</b>	<b>13400.00</b>
	<b>Rounded to Rs.</b>	
	<b>Rupees Thirteen thousand and four hundred only</b>	

<b>Adding one conductor (ACSR Rabbit) on the existing poles (where cross arm is available) inclusive of cost of pin and insulator etc (assuming total 28 Nos poles per km (in which 6 Nos are cut posts) - II - 5</b>					
<b>Sl.No.</b>	<b>Qty.</b>	<b>Particulars</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>
1	1050	ACSR Rabbit	43	M	45150
2	14	LT shackle insulators with straps Bolt & Nuts	55	Set	770
3	21	LT pin insulator with pin and packing clamp	55	Set	1155
4	LS	Provision for sectionalizing	522	Ls	522
(a)		<b>Cost of materials (sub-total)</b>			<b>47597</b>
(b)		Storage @ 3% of cost of materials			1427.91
(c)		Contingency @ 3% of cost of material			1427.91
(d)		Overhead charges @ 10% of cost of materials			4759.7
		<b>Expenditure on materials (Sub-total)</b>			<b>55212.5</b>
(e)		cost of labour			26919.1
(f)		cost of transportation			7424.26
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>34343.4</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			3434.34
		<b>Grand total</b>			<b>92990.2</b>
		<b>Expenditure to be recovered per metre</b>			<b>92.99</b>
				<b>Rounded to Rs.</b>	<b>93</b>
<b>Rupees Ninety three only / meter.</b>					

<b>Adding one conductor (ACSR Rabbit) on the existing poles (where cross arm is not available) inclusive of cost of pin and insulator etc (assuming total 28 Nos poles per km (in which 6 Nos are cut posts) - II - 6</b>					
<b>SI.No.</b>	<b>Qty.</b>	<b>Particulars</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>
1	1050	ACSR Rabbit	43	M	45150
2	34	2 line cross arm with clamp	750	Nos	25500
3	14	LT shackle insulators with straps Bolt & Nuts	55	Set	770
4	21	LT pin insulator with pin and packing clamp	55	Set	1155
5	LS	Provision for sectionalizing	522.9	LS	522.9
6	15	Bolts and Nuts	85	Kg	1275
(a)		<b>Cost of materials (sub-total)</b>			<b>74372.9</b>
(b)		Storage @ 3% of cost of materials			2231.19
(c)		Contingency @ 3% of cost of material			2231.19
(d)		Overhead charges @ 10% of cost of materials			7437.29
		<b>Expenditure on materials (Sub-total)</b>			<b>86272.6</b>
(e)		cost of labour			34194.4
(f)		cost of transportation			9448.76
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>43643.2</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			4364.32
		<b>Grand total</b>			<b>134280</b>
		<b>Expenditure to be recovered per metre</b>			<b>134.28</b>
				<b>Rounded to Rs.</b>	<b>135</b>
		<b>Rupees One hundred and thirty five only</b>			

<b>Adding one conductor (ACSR Weasel) on the existing poles (where cross arm is available) inclusive of cost of insulator, pin etc (assuming total 28 Nos posts in which 6 Nos are cut posts) - II - 7</b>					
<b>Sl.No.</b>	<b>Qty.</b>	<b>Particulars</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>
1	1050	ACSR Weasel	26	M	27300
2	14	LT shackle insulators with straps Bolt & Nuts	110	Set	1540
3	21	LT pin insulator with pin and packing clamp	55	Set	1155
4	LS	Provision for sectionalizing	522.9	LS	522.9
(a)		<b>Cost of materials (sub-total)</b>			<b>30517.9</b>
(b)		Storage @ 3% of cost of materials			915.537
(c)		Contingency @ 3% of cost of material			915.537
(d)		Overhead charges @ 10% of cost of materials			3051.79
		<b>Expenditure on materials (Sub-total)</b>			<b>35400.8</b>
(e)		cost of labour			26919.1
(f)		cost of transportation			7415.98
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>34335.1</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			3433.51
		<b>Grand total</b>			<b>73169.4</b>
		<b>Expenditure to be recovered per metre</b>			<b>73.00</b>
				<b>Rounded to Rs.</b>	<b>73.00</b>
<b>Rupees Seventy three / meter.</b>					



Adding one conductor (ACSR Weasel) on the existing poles (where cross arm is not available) inclusive of cost of insulator, pin etc - II - 8					
SI.No.	Qty.	Particulars	Rate	Unit	Amount
1	1050	ACSR Weasel	26	M	27300
2	34	2 line cross arm with clamp	750	Nos	25500
3	14	LT shackle insulators with straps Bolt & Nuts	55	Set	770
4	21	LT pin insulator with pin and packing clamp	55	Set	1155
5	LS	Provision for sectionalizing	522.9	LS	522.9
6	15	Bolts and Nuts	85	Kg	1275
(a)		<b>Cost of materials (sub-total)</b>			<b>56522.9</b>
(b)		Storage @ 3% of cost of materials			1695.69
(c)		Contingency @ 3% of cost of material			1695.69
(d)		Overhead charges @ 10% of cost of materials			5652.29
		<b>Expenditure on materials (Sub-total)</b>			<b>65566.6</b>
(e)		cost of labour			34194.1
(f)		cost of transportation			9448.76
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>43642.9</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			4364.29
		<b>Grand total</b>			<b>113574</b>
		<b>Expenditure to be recovered per metre</b>			<b>114</b>
				<b>Rounded to Rs.</b>	<b>114.00</b>
		<b>Rupees One hundred and fourteen only</b>			

Conversion of LT single phase 2 wire to LT 3 phase 4 wire line - II - 9					
SI.No.	Qty.	Particulars	Rate	Unit	Amount
1	2100	ACSR Rabbit	43	M	90300
2	29	2 line cross arm with clamp(Vertical)	750	Nos	21750
3	28	LT shackle insulators with straps Bolt & Nuts	55	Set	1540
4	42	LT pin insulator with pin and packing clamp	55	Set	2310
5	12	Bolts and Nuts	85	kg	1020
6	4	LT lighting arrestors	410	Nos	1640
(a)		<b>Cost of materials (sub-total)</b>			<b>118560</b>
(b)		Storage @ 3% of cost of materials			3556.8
(c)		Contingency @ 3% of cost of material			3556.8
(d)		Overhead charges @ 10% of cost of materials			11856
		<b>Expenditure on materials (Sub-total)</b>			<b>137530</b>
(e)		cost of labour			47197.2
(f)		cost of transportation			13164.2
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>60361.4</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			6036.14
		<b>Grand total</b>			<b>203927</b>
		<b>Expenditure to be recovered per metre</b>			<b>203.927</b>
				<b>Rounded to Rs.</b>	<b>204</b>
		<b>Rupees Two hundred and four only</b>			

Conversion of LT single phase 2 wire to LT three phase 5 wire line - II - 10					
SI.No.	Qty.	Particulars	Rate	Unit	Amount
1	2100	ACSR Rabbit	43	M	90300
2	1050	ACSR Rabbit	43	M	45150
3	29	4 line cross arm with clamp	1100	Nos	31900
4	28	LT shackle insulators with straps Bolt & Nuts	55	Set	1540
5	42	Pin insulator with pin and packing clamp	55	Set	2310
6	12	Bolts and Nuts	85	kg	1020
7	4	LT lighting arrestors	410	Nos	1640
(a)		<b>Cost of materials (sub-total)</b>			<b>173860</b>
(b)		Storage @ 3% of cost of materials			5215.8
(c)		Contigency @ 3% of cost of material			5215.8
(d)		Overhead charges @ 10% of cost of materials			<b>17386</b>
		<b>Expenditure on materials (Sub-total)</b>			201678
(e)		cost of labour			54296.7
(f)		cost of transportation			18901.5
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>73198.1</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			7319.81
		<b>Grand total</b>			282196
		<b>Expenditure to be recovered per metre</b>			282.196
				<b>Rounded to Rs.</b>	<b>282</b>
		<b>Rupees Two hundred and eighty two only</b>			

Conversion of LT single phase 3 wire line to LT three phase 5 wire line					
- II - 11					
SI.No.	Qty.	Particulars	Rate	Unit	Amount
1	2100	ACSR Rabbit	43	M	90300
2	29	2 line cross arm with clamp	750	Nos	21750
3	28	LT shackle insulators with straps Bolt & Nuts	55	Set	1540
4	42	LT Pin insulator with pin and packing clamp	55	Set	2310
5	12	Bolts and Nuts	85	kg	1020
6	4	LT lighting arrestors	410	Nos	1640
(a)		<b>Cost of materials (sub-total)</b>			<b>118560</b>
(b)		Storage @ 3% of cost of materials			3556.8
(c)		Contigency @ 3% of cost of material			3556.8
(d)		Overhead charges @ 10% of cost of materials			11856
		<b>Expenditure on materials (Sub-total)</b>			<b>137530</b>
(e)		cost of labour			47197.2
(f)		cost of transportation			13327.7
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>60524.9</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			6052.49
		<b>Grand total</b>			<b>204107</b>
		<b>Expenditure to be recovered per metre</b>			<b>204.107</b>
				<b>Rounded to Rs.</b>	<b>205</b>
		<b>Rupees Two hundred and five only.</b>			

<b>Drawing single phase 2 wire line under existing HT line</b>					
<b>- II - 12</b>					
<b>Sl.No.</b>	<b>Qty.</b>	<b>Particulars</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>
1	4	4 line cross arm with clamp	1100	Nos	4400
2	16	2 line cross arm with clamp	750	Nos	12000
3	18	LT shackle insulators with straps Bolt & Nuts	55	Nos	990
4	32	LT Pin insulator with pin and packing clamp	55	Set	1760
5	15	Bolts and Nuts	85	kg	1275
6	2100	ACSR Rabbit	43	m	90300
7	2	LT lightning arrestor	410	Nos	820
8	6	Earthing complete	693	Nos	4158
9	LS	Provision for sectionalizing	1720.6	LS	1720.6
10	20	Composite LT spacers	56.25	Each	1125
(a)		<b>Cost of materials (sub-total)</b>			<b>118549</b>
(b)		Storage @ 3% of cost of materials			3556.46
(c)		Contingency @ 3% of cost of material			3556.46
(d)		Overhead charges @ 10% of cost of materials			11854.9
		<b>Expenditure on materials (Sub-total)</b>			<b>137516</b>
(e)		cost of labour			38946.8
(f)		cost of transportation			13327.7
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>52274.5</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			5227.45
		<b>Grand total</b>			<b>195018</b>
		<b>Expenditure to be recovered per metre</b>			<b>195.018</b>
				<b>Rounded to Rs.</b>	<b>195</b>
		<b>Rupees One hundred and ninety five only</b>			

<b>Drawing single phase 3 wire line under existing HT line</b>					
<b>- II - 13</b>					
<b>Sl.No.</b>	<b>Qty.</b>	<b>Particulars</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>
1	20	4 line cross arm with clamp	1100	Nos	22000
2	27	LT shackle insulators with straps Bolt & Nuts	55	Nos	1485
3	48	LT Pin insulator with pin and packing clamp	55	Set	2640
4	20	Bolts and Nuts	85	kg	1700
5	2100	ACSR Rabbit	43	m	90300
6	1050	ACSR Rabbit	43	m	45150
7	2	LT lightning arrester	410	Nos	820
8	6	Earthing complete	693	Nos	4158
9	LS	Provision for sectionalizing	1720.69	LS	1720.69
10	20	Composite LT spacers	56.25	Each	1125
(a)		<b>Cost of materials (sub-total)</b>			<b>171099</b>
(b)		Storage @ 3% of cost of materials			5132.96
(c)		Contingency @ 3% of cost of material			5132.96
(d)		Overhead charges @ 10% of cost of materials			17109.9
		<b>Expenditure on materials (Sub-total)</b>			<b>198474</b>
(e)		cost of labour			43877.4
(f)		cost of transportation			13327.7
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>57205.1</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			5720.51
		<b>Grand total</b>			<b>261400</b>
		<b>Expenditure to be recovered per metre</b>			261.4
				<b>Rounded to Rs.</b>	<b>262</b>
		<b>Rupees Two hundred and sixty two only.</b>			

<b>Drawing three phase 4 wire line under existing HT line</b>					
<b>- II - 14</b>					
<b>Sl.No.</b>	<b>Qty.</b>	<b>Particulars</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>
1	20	4 line cross arm with clamp	1100	Nos	22000
2	36	LT shackle insulators with straps Bolt & Nuts	55	Nos	1980
3	64	Pin insulator with pin and packing clamp	55	Set	3520
4	20	Bolts and Nuts	85	kg	1700
5	3150	ACSR Rabbit	43	m	135450
6	1050	ACSR Rabbit	43	m	45150
7	6	LT lightning arrester	410	Nos	2460
8	6	Earthing complete	693.12	Nos	4158.72
9	LS	Provision for sectionalizing	1720.69	LS	1720.69
10	20	Composite LT spacers	56.25	Each	1125
(a)		<b>Cost of materials (sub-total)</b>			<b>219264</b>
(b)		Storage @ 3% of cost of materials			6577.93
(c)		Contingency @ 3% of cost of material			6577.93
(d)		Overhead charges @ 10% of cost of materials			21926.4
		<b>Expenditure on materials (Sub-total)</b>			<b>35082.3</b>
(e)		cost of labour			49432.8
(f)		cost of transportation			13327.7
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>62760.5</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			6276.05
		<b>Grand total</b>			<b>323383</b>
		<b>Expenditure to be recovered per metre</b>			<b>323.383</b>
				<b>Rounded to Rs.</b>	<b>324</b>
		<b>Rupees Three hundred and twenty four only</b>			

<b>Drawing three phase 5 wire line under existing HT line</b>					
<b>- II - 15</b>					
<b>Sl.No.</b>	<b>Qty.</b>	<b>Particulars</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>
1	20	4 line cross arm with clamp	1100	Nos	22000
2	20	2 line cross arm with clamp	750	Nos	15000
3	45	LT shackle insulators with straps Bolt & Nuts	55	Nos	2475
4	80	LT Pin insulator with pin and packing clamp	55	Set	4400
5	30	Bolts and Nuts	85	kg	2550
6	3150	ACSR Rabbit	43	m	135450
7	2100	ACSR Rabbit	43	m	90300
8	6	LT lightning arrester	410	Nos	2460
9	6	Earthing complete	693.12	Nos	4158.72
10	LS	Provision for sectionalizing	1720.69	LS	1720.69
11	20	Composite LT spacers	56.25	Each	1125
(a)		<b>Cost of materials (sub-total)</b>			<b>281639</b>
(b)		Storage @ 3% of cost of materials			8449.18
(c)		Contingency @ 3% of cost of material			8449.18
(d)		Overhead charges @ 10% of cost of materials			28163.9
		<b>Expenditure on materials (Sub-total)</b>			<b>326702</b>
(e)		cost of labour			53284.3
(f)		cost of transportation			13327.7
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>66612</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			6661.2
		<b>Grand total</b>			<b>399975</b>
		<b>Expenditure to be recovered per metre</b>			<b>399.975</b>
				<b>Rounded to Rs.</b>	<b>400</b>
		<b>Rupees Four hundred only</b>			



Construction of LT single phase 2 wire line - II - 16					
Sl.No.	Qty.	Particulars	Rate	Unit	Amount
1	30	LT Iron post 8 m	9645	Nos	289350
2	4	4 line cross arm with clamp	1100	Nos	4400
3	28	2 line cross arm with clamp	750	Nos	21000
4	28	LT shackle insulators with straps Bolt & Nuts	55	Nos	1540
5	42	LT Pin insulator with pin and packing clamp	55	Set	2310
6	15	Bolts and Nuts	85	kg	1275
7	10	Stay set complete	1500	Set	15000
8	2100	ACSR Rabbit	43	m	90300
9	4	Clamp for 2 Nos. strut	147	Nos	588
10	2	LT lightning arrestor	410	Nos	820
11	6	Earthing complete	693.12	Nos	4158.72
12	LS	Provision for helically formedfitting	7592.4	LS	7592.4
13	LS	Provision for sectionalizing	1720.69	LS	1720.69
14	20	Composite LT spacers	56.25	Each	1125
(a)		<b>Cost of materials (sub-total)</b>			<b>441180</b>
(b)		Storage @ 3% of cost of materials			13235.4
(c)		Contingency @ 3% of cost of material			13235.4
(d)		Overhead charges @ 10% of cost of materials			44118
		<b>Expenditure on materials (Sub-total)</b>			<b>511769</b>
(e)		cost of labour			89795
(f)		cost of transportation			13327.7
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>103123</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			10312.3
		<b>Grand total</b>			<b>625204</b>
		<b>Expenditure to be recovered per metre</b>			<b>625.204</b>
				<b>Rounded to Rs.</b>	<b>625</b>
		<b>Rupees Six hundred and twenty five only</b>			

<b>Construction of LT single phase 3 wire line - II - 17</b>					
<b>Sl.No.</b>	<b>Qty.</b>	<b>Particulars</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>
1	30	LT Iron post 8 m	9645	Nos	289350
2	28	4 line cross arm with clamp	1100	Nos	30800
3	42	LT shackle insulators with straps Bolt & Nuts	55	Nos	2310
4	63	LT Pin insulator with pin and packing clamp	55	Set	3465
5	20	Bolts and Nuts	85	kg	1700
6	20	Stay set complete	1500	Set	30000
7	2100	ACSR Rabbit	43	m	90300
8	1050	ACSR Rabbit	43	m	45150
9	4	Clamp for 2 Nos. strut	147	Nos	588
10	2	LT lightning arrester	410	Nos	820
11	6	Earthing complete	693.12	Nos	4158.72
12	LS	Provision for sectionalizing	1720.69	LS	1720.69
13	20	Composite LT spacers	56.25	Each	1125
(a)		<b>Cost of materials (sub-total)</b>			<b>501487</b>
(b)		Storage @ 3% of cost of materials			15044.6
(c)		Contingency @ 3% of cost of material			15044.6
(d)		Overhead charges @ 10% of cost of materials			50148.7
		<b>Expenditure on materials (Sub-total)</b>			<b>581725</b>
(e)		cost of labour			87763
(f)		cost of transportation			13327.7
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>101091</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			10109.1
		<b>Grand total</b>			<b>692925</b>
		<b>Expenditure to be recovered per metre</b>			<b>692.925</b>
				<b>Rounded to Rs.</b>	<b>695</b>
		<b>Rupees Six hundred and ninety five only</b>			

Construction of LT three phase 5 wire line - II - 19					
SI.No.	Qty.	Particulars	Rate	Unit	Amount
1	30	LT iron post 8 m	9645	Nos	289350
2	28	4 line cross arm with clamp	1100	Nos	30800
3	28	2 line cross arm with clamp	750	Nos	21000
4	70	LT Shackle insulators with straps Bolt & Nuts	55	Nos	3850
5	105	LT Pin insulator with pin and packing clamp	55	Set	5775
6	30	Bolts and Nuts of size	85	kg	2550
7	20	Stay set complete	1500	Set	30000
8	3150	ACSR Rabbit	43	m	135450
9	2100	ACSR Rabbit	43	m	90300
10	4	Clamp for 2 Nos. strut	147	Nos	588
11	6	LT lightning arrestor	410	Nos	2460
12	6	Earthing complete	693.12	Nos	4158.72
13	LS	Provision for sectionalizing	1720.69	LS	1720.69
14	20	Composite LT spacers	56.25	Nos	1125
(a)		<b>Cost of materials (sub-total)</b>			<b>619127</b>
(b)		Storage @ 3% of cost of materials			18573.8
(c)		Contingency @ 3% of cost of material			18573.8
(d)		Overhead charges @ 10% of cost of materials			61912.7
		<b>Expenditure on materials (Sub-total)</b>			<b>718188</b>
(e)		cost of labour			91962.5
(f)		cost of transportation			13327.7
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>105290</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			10529
		<b>Grand total</b>			<b>834007</b>
		<b>Expenditure to be recovered per metre</b>			<b>834.007</b>
				<b>Rounded to Rs.</b>	<b>835</b>
<b>Rupees Eight hundred and thirty five only.</b>					

<b>Construction of 11 KV line using ACSR Rabbit (without tree cutting compensation)</b>					
<b>- II - 20</b>					
<b>SI.No.</b>	<b>Qty.</b>	<b>Particulars</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>
1	24	LT iron post 9 m	11330	Nos	271920
2	16	V cross arm with clamp	962	Nos	15392
3	27	MS cleat	56	Nos	1512
4	90	Washers of sizes	6.25	Nos	562.5
5	50	Bolts and Nuts of size	85	kg	4250
6	21	Stay set complete	1500	Set	31500
7	3150	ACSR Rabbit	43	m	135450
8	125	Angles and channels	77	kg	9625
9	27	Tension set with single disc	720	Set	19440
10	16	Provision for coil earthing	693.12	Nos	11089.9
11	48	11 KV pin insulator set	163	Nos	7824
12	16	Pole top bracket	119	Nos	1904
13	8	Provision for pipe earthing	2627.5	Set	21020
(a)		<b>Cost of materials (sub-total)</b>			<b>531489</b>
(b)		Storage @ 3% of cost of materials			15944.7
(c)		Contingency @ 3% of cost of material			15944.7
(d)		Overhead charges @ 10% of cost of materials			53148.9
		<b>Expenditure on materials (Sub-total)</b>			<b>616528</b>
(e)		cost of labour			99801.6
(f)		cost of transportation			9994.5
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>109796</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			10979.6
		<b>Grand total</b>			<b>737303</b>
		<b>Expenditure to be recovered per metre</b>			<b>737.303</b>
				<b>Rounded to Rs.</b>	<b>738</b>
		<b>Rupees Seven hundred and thirty eight only.</b>			
		Note: Amount for PTCC clearance and tree cutting costs shall be recovered extra, on actuals			

Construction of 11 KV line using ACSR Racoon (without tree cutting compensation)					
- II - 21					
Sl.No.	Qty.	Particulars	Rate	Unit	Amount
1	24	LT iron post 9 m	11300	Nos	271200
2	16	V cross arm with clamp	962	Nos	15392
3	27	MS cleat	74	Nos	1998
4	90	Washers of sizes	6.25	Nos	562.5
5	50	Bolts and Nuts of size	85	kg	4250
6	21	Stay set complete	1500	Set	31500
7	3150	ACSR Racoon	63	m	198450
8	125	Angles and channels	77	kg	9625
9	27	Tension set with single disc	423	Set	11421
10	16	Provision for coil earthing	693.12	Nos	11089.9
11	48	11 KV pin insulator set	163	Nos	7824
12	16	Pole top bracket	119	Nos	1904
13	8	Provision for pipe earthing	2627.5	Set	21020
(a)		<b>Cost of materials (sub-total)</b>			<b>586236</b>
(b)		Storage @ 3% of cost of materials			17587.1
(c)		Contingency @ 3% of cost of material			17587.1
(d)		Overhead charges @ 10% of cost of materials			58623.6
		<b>Expenditure on materials (Sub-total)</b>			<b>680034</b>
(e)		cost of labour			99801.6
(f)		cost of transportation			9994.95
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>109797</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			10979.7
		<b>Grand total</b>			<b>800810</b>
		<b>Expenditure to be recovered per metre</b>			<b>800.81</b>
				<b>Rounded to Rs.</b>	<b>800</b>
		<b>Rupees Eight hundred only</b>			
		Note: Amount for PTCC clearance and tree cutting costs shall be recovered extra, on actuals			

<b>Installation of 1 No. 11 KV/ 433 V, 25 KVA Transformer (pole mounted)</b>					
<b>- III - 1</b>					
<b>Sl.No.</b>	<b>Qty.</b>	<b>Particulars</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>
1	1	25 KVA Transformer		Each	0
2	2	H iron Post.(175x85)	10530	Each	21060
3	8	Channel cross Arm 3 m with clamp	2206	Each	17648
4	15	Bolts and Nuts of size	85	kg	1275
5	40	Washers of sizes	6.25	Each	250
	3	Disc Insulator 11 KV	720	No	2160
	3	Pin Insulator 11KV	163	No	489
6	1	11 kV AB switch,200Amps	12075	Each	12075
7	3	D.O. Fuse unit	2333	Each	6999
8	3	11 kV lightning arrester	584	Each	1752
9	5	Provision for earthing	1300	Each	6500
10	1	Provision for jumpering	1175.63	LS	1175.63
11	1	Provision for clamping	534.38	LS	534.38
12	9	Fuse unit 63 A	259	Each	2331
13	1	Distribution box	20250	LS	20250
14	2	Statutory boards	25	Each	50
15	1	Barbed wire Fencing with Ms Leg ,	30000	Each	30000
	1	Blue matel 1x1/2 "	4500	Ls	4500
		Cevil construction	25000	LS	25000
16	1	Lock & Key	150	Each	150
(a)		<b>Cost of materials (sub-total)</b>			<b>154199</b>
(b)		Storage @ 3% of cost of materials			4625.97
(c)		Contingency @ 3% of cost of material			4625.97
(d)		Overhead charges @ 10% of cost of materials			15419.9
		<b>Expenditure on materials (Sub-total)</b>			<b>178871</b>
(e)		Electrical Inspectorate fees			1725
(f)		cost of labour			26744.9
(g)		cost of transportation			6662.21
		<b>Cost of labour and transportation Sub-total (f&amp;g)</b>			<b>33407.2</b>
(h)		Supervision charges on cost of labour and transportation @ 10%			3340.72
		<b>Grand Total</b>			<b>217344</b>
		<b>Expenditure to be recovered</b>			<b>217345</b>
		<b>Rupees Two lakh Seventeen thousand three hundred and forty five only.</b>			<b>217345</b>
<p>This rate is exclusive of transformer cost, The structure construction rate is same for all transformer structure. The actual Transformer cost,Lt Switchgear cost with applicable overhead charges will be included in the estimate depends the capacity of the transformer requirement, after knowing the actual cost of the transformer.If the transformer is flinth mounted additionally Rs.15000/- per flinth will be charges extra</p>					
<p>Note: Amount, if any, for PTCC clearance and tree cutting costs shall be recovered extra.</p>					

Construction of LT three phase 4 wire line - II - 18					
Sl.No.	Qty.	Particulars	Rate	Unit	Amount
1	30	LT iron post 8 m	9645	Nos	289350
2	28	4 line cross arm with clamp	1100	Nos	30800
3	56	LT Shackle insulators with straps Bolt & Nuts	50	Nos	2800
4	84	LT Pin insulator with pin and packing clamp	80	Set	6720
5	20	Bolts and Nuts of size	85	kg	1700
6	20	Stay set complete	1500	Set	30000
7	3150	ACSR Rabbit	43	m	135450
8	1050	ACSR Rabbit	43	m	45150
9	4	Clamp for 2 Nos. strut	147	Nos	588
10	6	LT lightning arrestor	410	Nos	2460
11	6	Earthing complete	693.12	Nos	4158.72
12	LS	Provision for sectionalizing	1720.69	LS	1720.69
13	LS	Provision for sectionalizing	7592.4	LS	7592.4
14	20	Composite LT spacers	56.25	Nos	1125
(a)		<b>Cost of materials (sub-total)</b>			<b>559615</b>
(b)		Storage @ 3% of cost of materials			16788.4
(c)		Contingency @ 3% of cost of material			16788.4
(d)		Overhead charges @ 10% of cost of materials			55961.5
		<b>Expenditure on materials (Sub-total)</b>			<b>649153</b>
(e)		cost of labour			89795.7
(f)		cost of transportation			13327.7
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>103123</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			10312.3
		<b>Grand total</b>			<b>762589</b>
		<b>Expenditure to be recovered per metre</b>			<b>762.589</b>
				<b>Rounded to Rs.</b>	<b>763</b>
<b>Rupees Seven hundred and sixty three only.</b>					

Installation of double tube fittings including cost of flurescent tubes - IV 1					
Sl.No.	Qty.	Particulars	Rate	Unit	Amount
1	1	Street light fitting with 2x40 watts FT with CBN	1605	No.	1605
2	1	Pipe fitting for double FT with CBN for street light fitting	795	No.	795
3	LS	Weather proof wire and wiring clip	200	LS	200
(a)		<b>Cost of materials (sub-total)</b>			<b>2600</b>
(b)		Storage @ 3% of cost of materials			78
(c)		Contingency @ 3% of cost of material			78
(d)		Overhead charges @ 10% of cost of materials			260
		<b>Expenditure on materials (Sub-total)</b>			<b>3016</b>
(e)		cost of labour			357.19
(f)		cost of transportation			134.09
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>491.28</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			49.128
		<b>Expenditure to be recovered (Grand total)</b>			<b>3556.41</b>
				<b>Rounded to Rs.</b>	<b>3600</b>
<b>Rupees Three thousand and six hundred only.</b>					



Installation of ordinary street light -IV. 2					
Sl.No.	Qty.	Particulars	Rate	Unit	Amount
1	1	Street light fittings	450	No.	450
2	1	DC reflector with nipples and holders	200	No.	200
3	LS	Weather proof wire and wiring clip, 40 W clamp	195	LS	195
(a)		<b>Cost of materials (sub-total)</b>			<b>845</b>
(b)		Storage @ 3% of cost of materials			25.35
(c)		Contingency @ 3% of cost of material			25.35
(d)		Overhead charges @ 10% of cost of materials			84.5
		<b>Expenditure on materials (Sub-total)</b>			<b>980.2</b>
(e)		cost of labour			257
(f)		cost of transportation			134.55
		<b>Cost of labour and transportation Sub-total (e&amp;f)</b>			<b>391.55</b>
(g)		Supervision charges on cost of labour and transportation @ 10%			39.155
		<b>Expenditure to be recovered (Grand total)</b>			<b>1410.91</b>
Rounded to Rs.					<b>1450</b>
<b>Rupees One thousand four hundred and Fifty only.</b>					

Estimate for supply LT single phase Energy meter IV 3 Static meter with LCD facility)- I -1					
SI.No.	Quantity	Particulars	Rate Rs.	Unit	Cost Rs.
1	1	Energy meter	1173	Nos	1173
(a)		<b>Cost of materials (sub-total)</b>			<b>1173</b>
(b)		Storage @ 3% of cost of materials			35.19
(c)		Contingency @ 3% of cost of material			35.19
(d)		Overhead charges @ 10% of cost of materials			117.3
		<b>Expenditure on materials (Sub-total)</b>			<b>1360.68</b>
		<b>Expenditure to be recovered (Grand total)</b>			<b>1360</b>
				<b>Rounded to Rs.</b>	<b>1360</b>
<b>(Rupees One thousand three hundred and sixty only.)</b>					

Estimate for supply LT Three phase Energy meter IV 4 Static meter with LCD facility)- I -1					
SI.No.	Quantity	Particulars	Rate Rs.	Unit	Cost Rs.
1	1	Energy meter	3893	Nos	3893
(a)		<b>Cost of materials (sub-total)</b>			<b>3893</b>
(b)		Storage @ 3% of cost of materials			116.79
(c)		Contingency @ 3% of cost of material			116.79
(d)		Overhead charges @ 10% of cost of materials			389.3
		<b>Expenditure on materials (Sub-total)</b>			<b>4515.88</b>
		<b>Expenditure to be recovered (Grand total)</b>			<b>4515</b>
				<b>Rounded to Rs.</b>	<b>4515</b>
<b>(Rupees Four thousand five hundred and fifteen only)</b>					





































































































































