

### Cost Data 2022-23

Code No.	Particulars of activity	DPR Amount	Tender Cost
		2022-23	2022-23
	<b><u>CAPITAL WORKS</u></b>		
<b>01</b>	<b>33/11/ kV New S/S (Supply, erection, testing &amp; commissioning)</b>		
0101	1 x 5 MVA S/S	266.339	190.192
0102	1 x 10 MVA S/S	313.175	221.047
0103	2 x 5 MVA S/S	409.049	285.490
0104	2 x 10 MVA S/S	501.670	346.558
0105	1 X 5 MVA & 1 x 10 MVA S/S	459.306	318.649
<b>01A</b>	<b>33/11/ kV New S/S (Supply, erection, testing &amp; commissioning)with RSJ structure</b>		
0101A	1 x 5 MVA S/S	266.254	190.136
0102A	1 x 10 MVA S/S	313.181	221.051
0103A	2 x 5 MVA S/S	410.205	286.251
0104A	2 x 10 MVA S/S	502.988	347.426
0105A	1 X 5 MVA & 1 x 10 MVA S/S	460.996	319.763
<b>01B</b>	<b>33/22 kV New S/S Outdoor (Supply, erection, testing &amp; commissioning)</b>		
0101B	1 x 5 MVA S/S	294.621	208.824
0102B	1 x 10 MVA S/S	339.468	238.368
0103B	2 x 5 MVA S/S	451.474	313.438
0104B	2 x 10 MVA S/S	541.622	372.878
<b>01C</b>	<b>33/11 kV New S/S with 33 kV Outdoor &amp; 11 kV Indoor (Supply, erection, testing &amp; commissioning)</b>		
0101C	1 x 5 MVA S/S	252.875	177.265
0102C	1 x 10 MVA S/S	298.638	207.413
0103C	2 x 5 MVA S/S	396.476	272.046
0104C	2 x 10 MVA S/S	483.290	329.289

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<b>01D</b>	<b>33/11 kV New S/S with 33 kV Outdoor &amp; 11 kV Indoor (Supply, erection, testing &amp; commissioning) with RSJ Structure</b>		
0101D	1 x 5 MVA S/S	254.001	178.007
0102D	1 x 10 MVA S/S	297.201	206.466
0103D	2 x 5 MVA S/S	397.400	272.654
0104D	2 x 10 MVA S/S	484.214	329.897
<b>02</b>	<b>33/11 kV Augmentation (Supply, erection, testing &amp; commissioning)</b>		
0201	3.15 MVA to 5 MVA	77.059	50.765
0202	5 MVA to 10 MVA	158.276	104.268
0203	3.15 MVA to 10 MVA	178.044	118.574
0204	3.15 MVA to 5 MVA (If switch gears not available)	99.391	65.476
0205	33 / 11 KV Augmentation from 3.15 to 5 MVA ( 2 Nos.) at Sub-station (Out Door )	232.190	154.244
0206	2 X 5 MVA to 2 X 10 MVA	315.166	207.623
<b>03</b>	<b>33/11 kV Additional Power Transformer (Supply, erection, testing &amp; commissioning)</b>		
0301	1 x 5 MVA Power Transformer	142.573	95.207
0302	1 x 10 MVA Power Transformer	190.163	126.558
<b>03A</b>	<b>33/11 kV Additional Power Transformer (Supply, erection, testing &amp; commissioning)with Gantry structure for 33 KV bus.</b>		
0301A	1 x 5 MVA Power Transformer	146.626	97.877
0302A	1 x 10 MVA Power Transformer	193.373	128.672
<b>03B</b>	<b>33/11 kV Additional Power Transformer with 33 kV Outdoor &amp; 11 kV Indoor (Supply, erection, testing &amp; commissioning) without Gantry Structure</b>		
0301B	1 x 5 MVA Power Transformer	163.640	109.085
0302B	1 x 10 MVA Power Transformer	206.218	137.134
<b>03C</b>	<b>33/22 kV Additional Power Transformer (Supply, erection, testing &amp; commissioning)</b>		
0301C	1 x 5 MVA Power Transformer	155.051	103.427
0302C	1 x 10 MVA Power Transformer	200.043	133.066
<b>04</b>	<b>22/11 kV Substation (Supply, erection, testing &amp; commissioning)</b>		
0401	1 x 5 MVA ,Outdoor S/S	273.381	194.831
0402	1 x 10 MVA ,Outdoor S/S	314.129	221.675
0403	2 x 5 MVA ,Outdoor S/S	429.061	298.673
0404	2 x 10 MVA ,Outdoor S/S	502.611	347.178
0405	1x 5 MVA and 1x10 MVA,Outdoor S/S.	482.849	334.159
<b>04A</b>	<b>22/11 kV Substation (Supply, erection, testing &amp; commissioning)with RSJ pole structure</b>		
0401A	1 x 5 MVA ,Outdoor S/S	273.649	195.008
0402A	1 x 10 MVA ,Outdoor S/S	314.356	221.825
0403A	2 x 5 MVA ,Outdoor S/S	429.135	298.721

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0404A	2 x 10 MVA ,Outdoor S/S (Supply, erection, testing & commissioning)with RSJ pole structure	505.452	349.050
0405A	1x 5 MVA and 1x10 MVA,Outdoor S/S.	472.255	327.180
<b>04B</b>	<b>22/11 kV Substation - Indoor (Supply, erection, testing &amp; commissioning)</b>		
0402B	1 x 10 MVA ,Indoor S/S	331.302	228.837
<b>04C</b>	<b>22/11 kV Substation - 22kV Outdoor &amp; 11kV Indoor (Supply, erection, testing &amp; commissioning)</b>		
0403C	2 x 5 MVA	441.324	301.643
<b>05</b>	<b>Switching Station (Outdoor) (Supply, erection, testing &amp; commissioning)</b>		
0501	22 kV switching station	346.364	242.372
0502	11 kV switching station	272.054	193.419
<b>06</b>	<b>Feeder Bay (Supply, erection, testing &amp; commissioning)</b>		
0601	33 kV feeder bay	18.030	11.877
0602	22 kV feeder bay	17.440	11.489
0603	11 kV feeder bay	13.657	8.997
<b>06A</b>	<b>Feeder Bay without Gantry Structure (Supply, erection, testing &amp; commissioning)</b>		
0601A	33 kV feeder bay without Gantry Structure	16.121	10.620
0602A	22 kV feeder bay without Gantry Structure	15.642	10.304
0603A	11 kV feeder bay without Gantry Structure	11.859	7.812
<b>06B</b>	<b>Feeder Bay with Gantry Structure &amp; PT (Supply, erection, testing &amp; commissioning)</b>		
0601B	33 kV feeder bay with Gantry Structure & PT	20.878	13.754
0602B	22 kV feeder bay with Gantry Structure & PT	18.661	12.294
0603B	11 kV feeder bay with Gantry Structure & PT	14.786	9.741
<b>06C</b>	<b>Feeder Bay without main bus bar extension (Supply, erection, testing &amp; commissioning)</b>		
0601D	11 kV Feeder bay with take off structure & bus bar	14.768	9.729
<b>07</b>	<b>33 kV line (Supply, erection, testing &amp; commissioning)</b>		
0701	Suspension type with 100 Sq. mm AAAC conductor on 152 X 152 mm 12 mtr RSJ	18.656	12.328
0702	Suspension type with 100 Sq. mm AAAC conductor on 152 X 152 mm 13 mtr RSJ	19.438	12.845
0703	Pin type with 100 Sq. mm AAAC conductor on 152 X 152 mm 11 mtr RSJ poles	17.618	11.642
0704	Pin type with 100 Sq. mm AAAC conductor on 100 X 116 mm 10 mtr RSJ poles	14.154	9.353
0706	Express/Highway Crossing with 100 sqmm conductor on 152 X 152 SJ 13 mtr Poles for One span of 30 mtr.	3.892	2.572
0707	Road crossing with 100sqmm conductor on 100 X 116mm,10 mtr RSJ Poles	2.553	1.687
0708	33kV, 3 core X 300 sqmm XLPE Underground Cable	50.555	33.406
0709	33kV, 3 core X 300 sqmm XLPE Underground Cable for Railway line crossing for 60 mtr span with isolator on DP structure with both side isolator.	17.318	11.443

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0710	33kV, RIVER Crossing with 100sqmm conductor on 152 X 152 RSJ 13 mtr H Poles for one span of 30 mtr.	3.964	2.619
0711	Douple pole structure(cut point) of- 33 kv line using13 m long RSJ pole	1.984	1.311
0712	Douple pole structure (cut point) of- 33 kv line using 11 m long RSJpole 152 x 152	1.800	1.190
0713	Douple pole structure(cut point) of- 33 kv line using 11 m long RSJpole 116 x100	1.415	0.935
0714	Single pole cut point structure for 33kv line on RSJ13 m pole	1.703	1.125
0715	Single pole cut point structure for 33kv line on RSJ 11 m pole	1.519	1.004
0718	33kV, Pin type with 100 Sq. mm AAAC lines on 100 X 116 mm 11 mtr RSJ poles, single circuit	14.697	9.711
0720	33 kV, Pin Type with 100 sqmm AAAC Conductor on 152X152, 13 mtr RSJ Pole	16.570	10.949
0721	33 kV, Tapping Structure using 100X116, 11 mtr RSJ Pole	3.841	2.538
0725	33kV, Express/Highway Crossing with 232 sqmm AAAC conductor on 152X152, 13 mtr RSJ Poles	4.279	2.828
0726	33kV, Road Crossing with 232 sqmm AAAC conductor on 152X152, 13 mtr RSJ Poles	3.727	2.463
<b>08</b>	<b>22 kV Line (Supply, erection, testing &amp; commissioning)</b>		
0801	22kV, Pin type ACSR Weasel Conductor on 11 mtr long RSJ Poles	10.891	7.197
0804	22kV, Pin type with 100 Sq. mm AAAC conductor on 152 X 152 mm 11 mtr RSJ poles	19.171	12.668
0805	22kV, Pin type with 100 Sq. mm AAAC conductor 100 X 116 mm 10 mtr RSJ poles	20.794	13.740
0806	22 KV Single circuit Pin type with 100sq.mm AAAC lines on 152x152 mm 11 mtr RSJ poles	18.322	12.107
0807	Suspention type with 100 Sq.mm AAAC lines on 152 x 152 mm 11 mtr. RSJ	14.506	9.585
0808	22 kV Single Circuit pin type with AAAC 34 mm <sup>2</sup> on 9 mtr PSC 200 kg poles	5.869	3.878
0809	22kV, Express/Highway Crossing with AAAC 100 sqmm conductor on 152 X 152 RSJ 13 mtr Poles	3.864	2.553
0810	22kV, Road crossing with AAAC 100 sqmm conductor on 100 X 116mm,10 mtr RSJ Poles	2.595	1.715
0811	22kv, 3 core X 95 sqmm XLPE Underground Cable	28.599	18.898
0813	22kv, 3 core X 300 sqmm XLPE Underground Cable	45.784	30.253
0814	3 core X 300 sqmm XLPE Underground Cable for Railway line crossing as per Sketch	14.655	9.684
0815	22kv, RIVER Crossing with100sqmm conductor on 152 X 152 RSJ 13 mtr H Poles	3.864	2.553
0816	Douple pole structure(cut point) of- 22 kv line using13 m long RSJ pole	1.941	1.282
0817	Douple pole structure(cut point) of- 22 kv line using11 m long RSJ pole	1.757	1.161
0818	Single pole cut point structure for 22kv line on RSJ 11 m pole	1.371	0.906
0819	Single pole cut point structure for 22kv line on RSJ 9 m pole	0.736	0.487
0820	Single pole cut point structure for 22kv line on PSC 11 m pole	0.986	0.652

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0821	22 kV, Single Circuit, Pin Type, Weasel on PSC Pole	0.535	0.354
0822	22 kV, Single Circuit, Suspension Type, 232 sqmm AAAC on 152X152, 13 mtr RSJ Pole	27.221	17.987
0823	22 kV, Single Circuit, Pin Type, 232 sqmm AAAC on 152X152, 13 mtr RSJ Pole	26.670	17.623
0824	22kv, Express/Highway Crossing with 232 sqmm AAAC Conductor on 152X152, 13 mtr RSJ Pole	4.179	2.762
0825	22kv, Road Crossing with 232 sqmm AAAC Conductor on 152X152, 13 mtr RSJ Pole	4.164	2.751
0826	22 kV HT Feeder Pillar	1.914	1.291
0827	HT Jointing Chamber (Civil)	0.031	0.020
0830	22kv, Pin Type, 55 sqmm, 100X116, 9 mtr RSJ Pole	10.636	7.028
0831	22kv, Pin Type, 55 sqmm, 100X116, 11 mtr RSJ Pole	11.607	7.670
0832	22kv, Pin Type, ACSR Weasel conductor, 100X116, 9 mtr RSJ Pole	9.906	6.545
<b>09</b>	<b>11 kV line (Supply, erection, testing &amp; commissioning)</b>		
0901	11kV, Pin type ACSR Weasel Conductor & 200 Kg PSC Poles	4.433	2.929
0903	11kV, Pin type with ACSR Weasel conductor on RSJ Pole.	10.859	7.175
0905	11kV, Pin type with 100 Sq. mm AAAC lines on 152 X 152 mm 11 mtr RSJ poles	17.497	11.562
0906	11kV, Pin type with 100 Sq. mm AAAC lines on 100 X 116 mm 10 mtr RSJ poles	13.853	9.154
0907	11kV, Pin type with 55 Sq. mm AAAC conductor on 100 X 116 mm 9 mtr RSJ poles	10.699	7.070
0908	11kV, Pin type with 55 Sq. mm AAAC conductor on 9 mtr PSC poles	6.878	4.545
0909	11kV, Suspension type with 100 Sq. mm AAAC lines on 100 X 116 mm 11 mtr RSJ poles	15.105	9.981
0910	11kV, Suspension type with 55 Sq. mm AAAC conductor on 100 X 116 mm 11 mtr RSJ poles	12.597	8.324
0911	11kV, Express/Highway Crossing with 55 sqmm AAAC conductor on 100X116MM, 11 mtr RSJ Poles DP with one span of 30 mtr.	2.370	1.566
0912	11kV, Express/Highway Crossing with 100 sqmm AAAC conductor on 152X152MM, 13 mtr RSJ Poles DP with one span of 30 mtr.	3.760	2.485
0913	11kV, 3 core X 300 sqmm XLPE Underground Cable	34.816	23.006
0915	11kV, 3 core X 185 sqmm XLPE Underground Cable	28.568	18.877
0916	11kV, 3 core X 95 sqmm XLPE Underground Cable	21.127	13.961
0917	Conversion of 11 kV line by 3 core 185 sqmm Cable	28.568	18.877
0918	Conversion of 11 kV line by 3 core 95 sqmm Cable	21.127	13.961
0919	11kV, Major river crossing with 55 sqmm overhead conductor on 152X152MM,13 mtr RSJ pole for one span of 100 mtr.	3.767	2.490
0920	Double pole structure(cut point) of- 11 kv line using13 m long RSJ pole	1.952	1.290
0921	Double pole structure(cut point) of- 11 kv line using11 m long RSJ pole	1.768	1.168
0922	DOUBLE POLE STRUCTURE(cut point) OF- 11 KV LINE USING11 M LONG RSJ POLE	1.382	0.914

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		2022-23	2022-23
0923	Single pole cut point structure for 11kv line on RSJ 9 m pole	0.650	0.430
0924	SINGLE POLE CUT POINT STRUCTURE FOR 11KV LINE ON RSJ 11 M POLE	0.900	0.595
0925	SINGLE POLE CUT POINT STRUCTURE FOR 11KV LINE ON PSC 9 M POLE	0.449	0.297
0929	Pin type with 100 Sq. mm AAAC lines on 100 X 116 mm 11 mtr RSJ poles	14.395	9.512
0933	11 kV, HT Feeder Pillar	2.044	1.406
<b>10</b>	<b>22 kV /0.4 DTC (Supply, erection, testing &amp; commissioning)</b>		
1001	25 kVA Dist. Transformer centers on 9mtr RSJ poles with MCCB Dist box	4.234	2.798
1002	63 kVA Dist. Transformer centers on 9mtr RSJ poles with MCCB Dist box	6.243	4.126
1004	100 kVA Dist. Transformer centers on RSJ 9 mtr 100x116 poles with MCCB Dist box	7.643	5.050
1005	200 kVA Dist. Transformer centers on 100x116mm, 9 mtr RSJ poles with MCCB Dist box	11.186	7.392
1006	200 kVA Dist. Transformer centers on 100x116mm, 11 mtr RSJ poles with MCCB Dist box	11.312	7.475
1007	315 kVA Dist. Transformer centers with 9 mtr DP & plinth mounted	17.386	11.488
1008	315 kVA Dist. Transformer centers on 11 mtr RSJ poles with MCCB Dist box	16.839	11.127
1009	630 KVA, Plinth mounted Distribution Transformer Sub-station	24.244	16.020
1010	630 kVA Dist. Transformer centers on RSJ 11 mtr 100x116 mm poles.	23.795	15.723
1015	22/0.4 kV, 63 KVA DTC on RSJ pole 9m, with KitKat DB	6.286	4.153
1016	22/0.4 kV, 100 KVA DTC on RSJ pole 9m, with KitKat DB	7.516	4.966
1017	22/0.4 kV, 100 KVA DTC on RSJ pole 11m, with KitKat DB	7.760	5.128
1018	22 KV SPECIAL DESIGNED TRANSFORMER TO AG. FEEDER	6.689	4.406
<b>11</b>	<b>22 kV /0.4 DTC Aug (Supply, erection, testing &amp; commissioning)</b>		
1101	22kV, 63 KVA to 100 KVA	5.769	3.812
1102	22kV, 100 KVA to 200 KVA	9.179	6.065
1103	22kV, 100 KVA to 315 KVA	14.271	9.430
1104	22kV, 200 KVA to 315 KVA	14.271	9.430
1105	22kV, 200 KVA to 630 KVA	20.760	13.718
1106	22kV, 315 KVA to 630 KVA	22.344	14.765
1107	22kV, 500 KVA to 630 KVA	22.344	14.765
1108	22kV, from 100, 200 & 315 KVA to 630 KVA on plinth	21.662	14.451
1109	22/0.4 kV, 100 KVA to 200 KVA with Kit Kat DB (Rural)	9.196	6.076
<b>12</b>	<b>11/ 0.4 kV DTC (Supply, erection, testing &amp; commissioning)</b>		
1201	25 kVA Dist. Transformer centers on 9 mtr RSJ poles with MCCB Dist box	3.265	2.158
1202	63 kVA Dist. Transformer centers on 9mtr RSJ poles with MCCB Dist box	4.337	2.866

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1203	100 kVA Dist. Transformer centers on 9mtr RSJ poles with MCCB Dist box	5.107	3.375
1204	200 kVA Dist. Transformer centers on 100x116mm, 9 mtr RSJ poles with MCCB Dist box	8.224	5.434
1205	200 kVA Dist. Transformer centers on 100x116mm, 11 mtr RSJ poles with MCCB Dist box	8.335	5.507
1206	315 kVA Dist. Transformer centers on 9 mtr RSJ poles with MCCB Dist box	15.895	10.503
1207	315 kVA Dist. Transformer centers on 11 mtr RSJ poles with MCCB Dist box	15.891	10.501
1208	630 kVA Dist. Transformer centers with 9 mtr RSJ poles DP & plinth mounted	22.336	14.759
1212	63 KVA Dist. Transformer centers on 9 mtrs 100 X 116 mm RSJ poles with Kit-kat Dist box.	4.331	2.862
1213	100 KVA Dist. Transformer centers on 9 mtrs 100 X 116 mm RSJ poles with Kit-kat Dist box.	5.088	3.362
1214	315 kVA Dist. Transformer centers with 9 mtr DP & plinth mounted	15.965	10.550
1215	63 KVA Dist. Transformer centers on 11 mtr RSJ poles with MCCB Dist box	4.451	2.941
1216	100 KVA Dist. Transformer centers on 11 mtr RSJ poles with MCCB Dist box	5.221	3.450
1217	25 KVA DTC on RSJ, 110 X 116, 11 mtr with MCCB DB	3.331	2.201
1218	25 KVA DTC on RSJ, 110 X 116, 9 mtr with Kit Kat DB	2.990	1.976
1219	63 KVA DTC on RSJ, 110 X 116, 11 mtr with Kit Kat DB	4.201	2.776
1220	100 KVA DTC on RSJ, 110 X 116, 11 mtr with Kit Kat DB	4.933	3.259
1221	11/0.4 kV, 1 X 630 KVA Indoor type with RMU with Builtup Room	32.551	22.764
1222	11/0.4 kV, 2 X 630 KVA Indoor type with RMU with Builtup Room	56.468	39.823
1223	11/0.4 kV, 1 X 630 KVA Indoor type with RMU without Room cost - Indoor	29.162	19.375
1224	11/0.4 kV, 2 X 630 KVA Indoor type with RMU without Room cost - Indoor	53.223	35.380
1225	11/0.4 kV, 2 X 315 KVA Indoor type with RMU without Room	23.785	15.927
1226	11/0.4 kV, 2 X 315 KVA Indoor type with RMU without Room	41.848	27.863
1227	Providing additional 11/0.4 kV, 1 X 315 KVA Transformer in existing substation	23.474	15.617
1228	Providing additional 11/0.4 kV, 1 X 630 KVA Transformer in existing substation	29.162	19.375
1229	Providing additional 11/0.4 kV, 1 X 995 KVA Transformer in existing substation	36.504	24.227
1230	COST DATA FOR 11 kV SPECIAL DESIGNED TRANSFORMER	5.052	3.328
<b>13</b>	<b>11/ 0.4 kV DTC Augmentation (Supply, erection, testing &amp; commissioning)</b>		
1301	63 kVA to 100 kVA	3.464	2.289
1302	100 kVA to 200 kVA	6.200	4.097
1303	100 KVA to 315 KVA	14.112	9.325
1304	200 KVA to 315 KVA	14.057	9.289
1305	315 KVA to 630 KVA	19.486	13.013
1306	200 kVA to 630 kVA	19.486	13.013

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1307	Augmentation of existing DTC to 11/0.4 kV, 100 KVA with Rural KitKat DB	3.990	2.637
1308	Augmentation of existing DTC to 11/0.4 kV, 200 KVA with Rural KitKat DB	6.768	4.472
1309	11/0.4 kV, 315 KVA to 11/0.4 kV, 630 KVA (Indoor)	19.702	13.018
1310	11/0.4 kV, 630 KVA to 11/0.4 kV, 995 KVA (Indoor)	27.044	17.870
<b>14</b>	<b>LT line 3 Ph (Supply, erection, testing &amp; commissioning)</b>		
1401	L.T. LINE 3 ph 4 W. -WIND PRESSURE ZONE - With AAAC 55 sqmm for phase & ACSR Weasel for neutral with PSC Pole 8 Mtr (200 KG)	4.894	3.234
1401A	L.T. LINE 3 ph 4 W. -WIND PRESSURE ZONE - With AAAC 55 sqmm for phase & ACSR Weasel for neutral with PSC Pole 8 Mtr (140 KG)	4.731	3.126
1402	3 phase 4 wire on PSC pole 8 mtr with ACSR Weasel conductor for phase & neutral with 200 Kg	3.793	2.506
1402A	4 phase 4 wire on PSC pole 8 mtr with ACSR Weasel conductor for phase & neutral with 140 Kg	3.663	2.420
1403	3.5 X 70 sqmm XLPE Underground Cable	6.556	4.332
1405	3.5 X 120 sqmm XLPE Underground Cable	10.176	6.724
1406	3.5 X 185 sqmm XLPE Underground Cable	14.710	9.720
1407	3.5 X 300 sqmm XLPE UG Cable	21.058	13.915
1408	3.5 X 240 sqmm XLPE UG Cable	18.364	12.135
1409	3 1/2C X 16 Sq mm Underground LT PVC Armoured Cable	2.786	1.841
1410	3 1/2C X 35 Sq mm Underground LT PVC Armoured Cable	4.146	2.739
1411	3 1/2C X 50 Sq mm Underground LT PVC Armoured Cable	5.090	3.363
1412	3 1/2C X 120 Sq mm Underground LT XLPE Armoured Cable	10.061	6.648
1413	3 1/2C X 70 Sq mm Underground LT XLPE Armoured Cable	6.464	4.271
1415	2 Core 2.5 mm Underground	2.398	1.585
1416	2 Core 4 mm Underground	2.924	1.932
1417	1.1 KV 2 X 16 sqmm XLPE Underground Cable	2.368	1.565
1418	1.1 KV 4 X 16 sqmm XLPE Underground Cable	2.786	1.841
1420	3 phase 5 wire with AAC AAAC 55 sqmm conductor for phase and ACSR Weasel for neutral using RSJ pole 125 x 75 mm 9 mtr.	7.463	4.932
1423	L.T. LINE 3 ph 4 W. on 125 X 70mm, 9m RSJ pole With AAAC 55 sqmm for phase & ACSR Weasel for neutral	6.652	4.395
1424	L.T. LINE 3 ph 4 W. on 125 X 70mm, 8m RSJ pole With AAAC 55 sqmm for phase & ACSR Weasel for neutral	6.327	4.181
1425	3 phase 5 wire LT line with AAAC 55 sqmm for phase and ACSR Weasel for neutral on PSC pole, 8 mtr., 200 Kg	5.605	3.704
1425A	3 phase 5 wire LT line with AAAC 55 sqmm for phase and ACSR Weasel for neutral on PSC pole, 8 mtr., 140 Kg	5.443	3.596
<b>15</b>	<b>LT line 1 Ph (Supply, erection, testing &amp; commissioning)</b>		
1501	L.T. LINE 1 ph 3 W. -with ACSR Weasel for phase & neutral with PSC Pole 8 Mtr (200 KG)	3.630	2.398



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		2022-23	2022-23
1501A	L.T. LINE 1 ph 3 W. -with ACSR Weasel for phase & neutral with PSC Pole 8 Mtr (140 KG)	3.451	2.280
1502	L.T. LINE 1 ph 2 W. - with ACSR Weasel for phase & neutral with PSC Pole 8 Mtr (200 KG)	3.044	2.011
1502A	L.T. LINE 1 ph 2 W. - with ACSR Weasel for phase & neutral with PSC Pole 8 Mtr (140 KG)	2.864	1.893
1503	1 phase 2 Wire LT line with ACSR Weasel for phase and GNAT for neutral on 125 X 70 mm, RSJ 9 Mtr long Pole	4.111	2.716
1504	1 phase 2 Wire LT line with AAAC 55 sqmm for phase and ACSR Weasel for neutral on PSC Pole 8 Mtr (200 KG).	2.807	1.855
1504A	1 phase 2 Wire LT line with AAAC 55 sqmm for phase and ACSR Weasel for neutral on PSC Pole 8 Mtr (140 KG).	2.677	1.769
1505	1 phase 2 Wire LT line with AAAC 55 sqmm for phase and ACSR Weasel for neutral on RSJ 125 X 70, 8mtr.	4.106	2.713
<b>16</b>	<b>H.V.D.S. (Supply, erection, testing &amp; commissioning)</b>		
1603	11 KV, 25 kVA Dist. Transformer centers on 9 mtr RSJ poles with MCCB Dist box	3.265	2.158
1605	22 KV Single circuit pin type with 55 Sq. mm AAAC conductor on 9 mtr PSC poles	7.760	5.128
1606	22 KV Single Circuit pin type with 55 Sq. mm AAAC conductor on 9 mtr RSJ poles	12.619	8.339
1607	22 KV Single Circuit pin type with 100 Sq. mm AAAC conductor on 9 mtr RSJ poles	14.996	9.909
1608	11 KV Single Circuit pin type with 55 Sq. mm AAAC conductor on 9 mtr PSC poles	7.542	4.984
1609	11 KV Single Circuit pin type with 55 Sq. mm AAAC conductor on 9 mtr RSJ poles	11.629	7.684
1610	11 KV Single Circuit pin type with 100 Sq. mm AAAC conductor on 9 mtr RSJ poles	13.834	9.141
1611	25 KVA, 11/0.433 KV on 11 Mtr 100x116 mm. RSJ pole	3.380	2.233
<b>17</b>	<b>Capacitor (Supply, erection, testing &amp; commissioning)</b>		
1701	Cost data for 11 KV Capacitor Bank at Dist. substation (on Existing pole ).	5.641	3.716
1702	Cost data for 11 KV Capacitor Bank at Dist. substation (on New double pole ).	7.178	4.729
1703	Cost Data for 11 KV Station Type 1.2 MVAR Capacitor Bank with 0.2 % Reactor for rural area	11.099	7.312
1704	Cost Data for 11 KV Station Type 2.4 MVAR Capacitor Bank with 0.2 % Reactor for any area	14.087	9.280
1705	Cost Data for 11 KV Station Type 3.0 MVAR Capacitor Bank with 0.2 % Reactor for Rural area	16.042	10.568
1706	Cost Data for 11 KV Station Type 3.0 MVAR Capacitor Bank with 0.6 % Reactor for Urban area	20.375	13.422
1707	Cost Data for 22 KV Station Type 1.2 MVAR Capacitor Bank with 0.2 % Reactor for rural area	16.941	11.160
1708	Cost Data for 22 KV Station Type 2.4 MVAR Capacitor Bank with 0.2 % Reactor for any area	19.476	12.830
1709	Cost Data for 22 KV Station Type 3.0 MVAR Capacitor Bank with 0.2 % Reactor for Rural area	22.377	14.741

### Cost Data 2022-23

Code No.	Particulars of activity	DPR Amount	Tender Cost
		2022-23	2022-23
1710	Cost Data for 22 KV Station Type 3.0 MVAR Capacitor Bank with 0.6 % Reactor for Urban area	29.545	19.464
<b>20</b>	<b>Other than above</b>		
2001	Supply erection ,testing & Commissioning of LT 6 way F.P.	0.840	0.555
2001A	Supply erection ,testing & Commissioning of LT 8 way F.P.	1.063	0.702
2002	Supply erection ,testing & Commissioning of LT 4 way F.P.	0.685	0.453
2003	Supply erection ,testing & Commissioning of LT Mini F.P.	0.337	0.223
	<b>RENOVATION &amp; MODERNIZATION WORK</b>		
<b>51</b>	<b>Upgradation of 33 kV Lines</b>		
5101	Upgrading of 33 kV lines 80 sqmm to 100 sqmm conductor	7.403	4.892
5102	Upgrading of 33 kv lines by AAA 200 sqmm cond	13.852	9.153
5103	Replacement of 33 kV old HT Cable size 3C X 300 sqmm	52.219	34.505
5104	Replacement of old HT jointing kit outdoor 33 kV, 3C X 300 sqmm	0.410	0.271
5105	Replacement of old HT jointing kit Intdoor termination joint 33 kV, 3C X 300 sqmm	0.309	0.204
5106	Replacement of old HT jointing kit Intdoor Straight Through joint 33 kV, 3C X 300 sqmm	0.777	0.514
<b>52</b>	<b>Upgrading of 22 kV lines</b>		
5202	From 80sqmm to 100 sqmm conductor	7.422	4.904
5203	From 0.03 to 55 sqmm conductor	5.086	3.361
5204	From 0.1 to 0.2 sqmm conductor	14.098	9.316
5205	Replacement of 22 kV old HT Cable size 3C X 300 sqmm	46.791	30.919
5206	Replacement of 22 kV old outdoor HT jointing kit for 3C X 300 sqmm	0.300	0.198
5207	Replacement of 22 kV old Indoor HT jointing kit for 3C X 300 sqmm	0.283	0.187
5208	Replacement of old HT jointing kit Intdoor Straight Through joint 22 kV, 3C X 300 sqmm	0.524	0.346
<b>53</b>	<b>Upgrading of 11 kV lines</b>		
5302	11 KV Line with 100 Sqmm conductor	6.643	4.389
5303	11 kv lines with 55 sqmm cond	4.307	2.846
5316	Replacement of Old HT cable by new XLPE cable size 11 kV, 3C X 95 sqmm	21.294	14.071
5317	Replacement of Old HT cable by new XLPE cable size 11 kV, 3C X 120 sqmm	28.475	18.816
5319	Replacement of Old HT cable by new XLPE cable size 11 kV, 3C X 300 sqmm	35.179	23.246
5320	Replacement of old HT jointing Kit (Straight Through) for 11kV, 3C X 95 sqmm	0.048	0.032
5321	Replacement of old HT jointing Kit (Straight Through) for 11kV, 3C X 120 sqmm	0.057	0.038
5322	Replacement of old HT jointing Kit (Straight Through) for 11kV, 3C X 240 sqmm	0.060	0.040
5323	Replacement of old HT jointing Kit (Straight Through) for 11kV, 3C X 300 sqmm	0.060	0.040
5324	Replacement of old HT Indoor Termination joints for 11kV, 3C X 95 sqmm XLPE Cable	0.042	0.028
5325	Replacement of old HT Indoor Termination joints for 11kV, 3C X 120 sqmm XLPE Cable	0.050	0.033

### Cost Data 2022-23

Code No.	Particulars of activity	DPR Amount	Tender Cost
		2022-23	2022-23
5326	Replacement of old HT Indoor Termination joints for 11kV, 3C X 240 sqmm XLPE Cable	0.051	0.034
5327	Replacement of old HT Indoor Termination joints for 11kV, 3C X 300 sqmm XLPE Cable	0.052	0.035
<b>54</b>	<b>LT Line Upgradation</b>		
5405	to Underground LT PVC Armoured Cable 2C X 16 Sq mm	2.368	1.565
5406	to Underground LT XLPE Armoured Cable 3 1/2C X 120 Sq mm	10.061	6.648
5407	to Underground LT XLPE Armoured Cable 3 1/2C X 120 Sq mm	18.364	12.135
5408	to Underground LT XLPE Armoured Cable 3 1/2C X 300 Sq mm	21.058	13.915
5409	to Underground LT XLPE Armoured Cable 3 1/2C X 185 Sq mm	14.532	9.603
5410	to Underground LT XLPE Armoured Cable 3 1/2C X 70 Sq mm	6.464	4.271
<b>55</b>	<b>Conversion of OH to UG</b>		
5501	33 kV OH line by 3 C , 300 Sqmm XLPE UG Cable	52.200	34.493
5502	Conversion of OH to UG 22 kV line 300 sqmm	46.773	30.907
5504	Conversion of OH to UG 22 kV line 95 sqmm	29.290	19.355
5505	Conversion of OH to UG 11 kV line 300 sqmm	35.161	23.234
5507	Conversion of OH to UG 11 kV line 185 sqmm	28.752	18.999
5508	Conversion of OH to UG 11 kV line 95 sqmm	21.276	14.059
5510	Conversion of OH to UG LT line 300 sqmm	21.058	13.915
5511	Conversion of OH to UG LT line 240 sqmm	18.364	12.135
5512	Conversion of OH to UG LT line 185 sqmm	14.532	9.603
5513	LT line by 3.5 CX 120sqmm XLPE Cable	10.061	6.648
5515	LT line by 3.5 CX 70sqmm XLPE Cable	6.464	4.271
5516	LT Cable of size 3.5 C X 35 sqmm	6.464	4.271
5517	LT line by 3.5 CX 50 sqmm XLPE Cable	5.090	3.363
5518	LT line by 3.5 CX 16 sqmm XLPE Cable	2.786	1.841
5519	LT line by 2 C x 16 sqmm XLPE Cable	2.368	1.565
<b>57</b>	<b>33/11 kV S/Stn. Revamping</b>		
5701	R & M Work (Indoor to Outdoor) 2 x 5	118.097	77.799
5705A	Replacement of 33 kV CT 200-100/1-1-1 A, 3 Core	0.544	0.358
5705B	Replacement of 33 kV CT 400-200/1-1-1 A, 3 Core	0.570	0.376
5707A	Replacement of 11 kV CT 400-200/5-5 A, 2 Core outdoor	0.242	0.159
5707B	Replacement of 11 kV CT 400-200-100/5-5-5 A, 3 Core indoor	0.325	0.214
5708	33 kV PTs	0.430	0.284
5709	22 kV PTs	0.407	0.268
5710	11 kV PTs	0.204	0.135
5714	11 KV VCB 400 A (Indoor type)	6.149	4.051
5715	11 KV VCB 400 A (outdoor type)	2.264	1.492
5716	11 KV VCB 800 A (Indoor type)	6.312	4.158
5717	11 KV VCB 800 A (Outdoor type)	2.567	1.691
5718	33 kV Isolators 800 amp (with EB)	1.259	0.829
5720	11 kV Isolators (without EB)	0.607	0.400
5721	22 kV Isolators (without EB)	0.814	0.536
5722	33 kV Isolators (without EB)	1.152	0.759

### Cost Data 2022-23

Code No.	Particulars of activity	DPR Amount	Tender Cost
		2022-23	2022-23
5724	22 kV Lightning Arrestor (station Type)	0.260	0.171
5725	33 kV Lightning Arrestor (station Type)	0.215	0.141
5727	22 kV Lightning Arrestor (Screw Type)	0.187	0.123
5728	CR Panels with differential protection for 33 kV	1.422	0.937
5729	Replacement of Control Panel 22 KV	1.505	0.991
5732	Battery 100 AH, 30 Volts	0.746	0.491
5733	Battery Charger Set for above	0.787	0.518
5734	Battery with Battery Charger	1.533	1.010
5740	Replacement of Indoor switchgear, 11 kV, 250 MVA with 2 I/C + 8 OG + 1 BC	68.129	44.882
5741	Replacement of Outdoor switchgear, 11 kV, 250 MVA with 1 I/C + 3 OG + 1 BC	23.383	15.404
5742	Replacement of Outdoor switchgear, 11 kV, 250 MVA with 2 I/C + 4 OG	32.736	21.565
5743	11 kV, 250 MVA, OD Switchgear with one I/C & one OG	9.353	6.162
5744	11 kV, 500 MVA Indoor Switchgear with 2 I/C + 8 OG + 1 BC	68.129	44.882
5745	33 kV Isolator 800 A without EB	1.152	0.759
5746	33 kV Isolator 800 A without EB & with structure	3.640	2.398
5747	11 kV Isolator 400 A with EB (Indoor)	0.622	0.410
5748	Replacement of Power Transformer 5 MVA	77.059	50.765
5749	Replacement of Power Transformer 10 MVA	120.258	79.223
5751	Replacement of 22/11 kV, 1X5 MVA Power Transformer	84.801	55.865
5752	Replacement of 22/11 kV, 1X10 MVA Power Transformer	122.374	80.617
<b>58</b>	<b>DTC Maintenance</b>		
5802A	Replacement of existing Dist. Box for 25 / 63 KVA Dist. Transformer	0.329	0.217
5802B	Replacement of existing Dist. Box for 100 KVA Dist. Transformer	0.355	0.234
5803	Replacement of existing Dist. Box for 200KVA Dist. Transformer	0.640	0.423
5804	Replacement of DB's for 315 KVA Distribution transformer with 6 way feeder pillar with ACB	1.592	1.052
5805	LTCT operated DTC meters 100/5A	0.110	0.073
5806	Replacement of DB's for 63/100 KVA Distribution Transformer with MCCB DB	0.379	0.250
5807	Replacement of DB's for 200 KVA Distribution Transformer with MCCB DB	0.623	0.412
5808	Replacement of DB's for 315 KVA Distribution transformer with 6 way feeder pillar with ACB	1.592	1.052
5816	Replacement of 11 kV Pin Insulator	0.002	0.001
5817	Replacement of 22 kV Pin Insulator	0.008	0.005
5818	Replacement of 33 kV Pin Insulator	0.010	0.006
5819	Replacement of 11 kV Disc Insulator	0.006	0.004
<b>59</b>	<b>Replacement of Poles</b>		
5901	H.T. poles with required accessories (100 X 116 mm X 11 M)	0.525	0.347
5903	H.T. Poles : RSJ : 100 x 116 mm : 10 Rmt	0.497	0.328
5904	H.T. poles RSJ 152mmx152mm 13mtr	0.776	0.513
5905	H.T. poles RSJ 152mmx152mm 11mtr	0.725	0.479
5906	H.T. poles RSJ 9 mtr 100 x 116 mm	0.468	0.309
5907	HT poles RSJ (116 x 100) 9 mtrs	0.437	0.289

### Cost Data 2022-23

Code No.	Particulars of activity	DPR Amount	Tender Cost
		2022-23	2022-23
5908	LT. poles RSJ 125mmx70mm 9mtr	0.239	0.158
5909	L.T. poles with required accessories (125 X 70 mm X 8 M)	0.223	0.147
5912	L.T. poles with required accessories (125 X 75 mm X 9 M)	0.146	0.097
<b>60</b>	<b>Replacement of Meters</b>	<b>0</b>	
6001	1 Phase	0.017	0.011
6003	CT Operated Meter	0.281	0.185
<b>61</b>	<b>Feeder Pillar</b>		
6106	Replacement of Mini Pillars	0.337	0.223
<b>62</b>	<b>Ring Main Unit</b>	<b>0</b>	
6201	Replacement of 3 Panel Ring Main Unit with 4 Panel Ring Main Unit, 11 kV	10.212	6.748
6202	Replacement of RMU (SF6 Type) with 3 Isolator + 1 Breaker	11.170	7.457
6203	Replacement of RMU (SF6 Type) with 2 Isolator + 2 Breaker	13.298	8.862
6204	Replacement of Indoor Ring Main Unit (SF - 6) (3 Isolators + 2 Breaker) 22 kV	17.607	11.710
<b>67</b>	<b>Other than Above</b>	<b>0</b>	
6701	A.B.Switch 11 Kv	0.341	0.225
6723	11 kV AB Switch 400 Amp with DP structure	1.188	0.785
6724	22 kV AB Switch with RSJ Pole 110 X 116, 9 mtr DP & allied fabrication	1.385	0.915
6725	Supply & replacement of 11 kV V-Cross arm & Top Pin Supports	0.038	0.025
6726	Supply & replacement of 22 kV V-Cross arm & Top Pin Supports	0.054	0.036
6727	Supply & replacement of 33 kV V-Cross arm & Top Pin Supports	0.054	0.036
6730	DP Structure & reinstalment of existing 22/0.4 or 11/0.4 kV Distribution Transformer on RSJ Pole 100 X 116, 9 mtr with Kit Kat DB	1.762	1.164
6731	Rerouting of 22 kV Tower Line with narrow base Towers	392.948	259.654
<b>70</b>	<b>GIS Sub-station</b>		
7001	7001 GIS 33/11 KV 1 x 5 MVA (for cities Amravati, Nagpur, Pune, Bhandup, Kalyan & Nashik)	480.55	326.27
7002	7002 GIS 33/11 KV 1 x 5 MVA (for other Cities)	332.78	228.92
7003	ITEM CODE 7003 : GIS 33/11 KV 2 x 5 MVA (for cities Amravati, Nagpur, Pune, Bhandup, Kalyan & Nashik)	686.53	462.14
7004	Item Code No. 7004 : GIS 33/11 KV 2 x 5 MVA (Other Cities)	484.95	329.34
7005	Item Code No. 7005 : GIS 33/11 KV 1 x 10 MVA (for cities Amravati, Nagpur, Pune, Bhandup, Kalyan & Nashik)	545.19	368.85
7006	Item Code No. 7006 : GIS 33/11 KV 1 x 10 MVA (Other cities)	349.69	240.06
7007	Item Code No. 7007 : GIS 33/11 KV 2 x 10 MVA(for cities Amravati, Nagpur, Pune, Bhandup, Kalyan & Nashik)	812.84	545.40

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Code No.	Particulars of activity	DPR Amount	Tender Cost
		2022-23	2022-23
7008	Item Code No. 7008 : GIS 33/11 KV 2 x 10 MVA (Other Cities)	608.80	410.98
7009	Item Code No. 7009 : GIS 22/11 KV 1 x 5 MVA(for cities Amravati, Nagpur, Pune, Bhandup, Kalyan & Nashik)	477.65	324.35
7010	Item Code No. 7010 : GIS 22/11 KV 1 x 5 MVA (other cities)	302.61	209.04
7011	Item Code No. 7011 : GIS 22/11 KV 2 x 5 MVA (for cities Amravati, Nagpur, Pune, Bhandup, Kalyan & Nashik)	691.37	465.33
7012	Item Code No. 7012 : GIS 22/11 KV 2 x 5 MVA (other cities)	528.40	357.97
7013	Item Code No. 7013 : GIS 22/11 KV 1 x 10 MVA (for cities Amravati, Nagpur, Pune, Bhandup, Kalyan & Nashik)	536.84	363.34
7014	Item Code No. 7014 : GIS 22/11 KV 1 x 10 MVA (other cities)	342.75	235.48
7015	Item Code No. 7015 : GIS 22/11 KV 2 x 10 MVA (for cities Amravati, Nagpur, Pune, Bhandup, Kalyan & Nashik)	806.71	541.36
7016	Item Code No. 7016 : GIS 22/11 KV 2 x 10 MVA (other cities)	603.97	407.80
NIFPS	10MVA NIFPS (Make -CTR )	22.75	15.24