

Material Base Rate			
Sr. No.	NAME OF MATERIAL	UNIT	New 2018-19
<b>POWER TRANSFORMER</b>			
<b>1</b>	<b>2</b>	<b>3</b>	
1	Power Transformer 33/11 KV, 5 MVA	No.	3129000
2	Power Transformer 33/11 KV, 10 MVA	No.	5233333
3	Power Transformer 22/11 KV, 5 MVA (DY-11)	No.	3095000
4	Power Transformer 22/11 KV, 10 MVA (DY-11)	No.	5205000
5	Power Transformer 33/22 KV 5 MVA	No.	3243667
6	Power Transformer 33/22 KV 10 MVA	No.	5330000
<b>DISTRIBUTION TRANSFORMER</b>			
1	Dist.Trans. 22/0.433 kV ID 630 KVA	No	692200.00
2	Dist. Transformer 630 KVA, 22/0.43 kv	No	686500.00
3	Dist. Transformer 315 KVA 22/0.43 kV ID	No.	455500.00
4	Dist. Transformer 315 KVA, 22/0.43 kv	No	451500.00
5	Dist.transformer 200kva,22/0.4kv	No	326000.00
6	Dist.transformer 100kva,22/0.4kv	No	183000.00
7	Dist. transformer 63kva,22/0.4kv	No	137609.00
8	Distribution T/F 22 / .433 KV 25 KVA O/D	No.	85200
9	Dist. Transformer 995 KVA, 11/0.4 kv	LS	982720.00
10	Dist. Transformer 630 KVA, 11/0.43 kv, ID	No.	662000.00
11	Dist. Transformer 630 KVA, 11/0.43 kv	No.	655000.00
12	Dist.Trans. 11/0.433 kV ID 315 KVA	No	451000.00
13	Dist. Transformer 315 KVA, 11/0.43 kv	No	445000.00
14	Dist. Transformer 200 KVA, 11/0.43 kv	No	186000.00
15	Dist. Transformer 100 KVA, 11/0.43 kv	No	105000.00
16	Dist. transformer 63kva,11.4kv	No	81137.00
17	11 / .433 KV 25 KVA Transformer	No	48800.00
18	Three Phase Dist. Transformer 16 KVA, 11/0.43 KV	No	41500.00
19	Three Phase Dist. Transformer 10 KVA, 11/0.43 KV	No	34200.00
20	Dist Trans. 11/0.433 KV 25 KVA Single Phase	No	37174.00
21	Dist Trans. 11/0.433 KV 15 KVA Single Phase	No	28756.00
22	11 kV, 110/190 V Residual voltage transformer	No	27824.00
23	22kV, 30A Special Design Transformer	No	170000.00
24	11kV, 30A Special Design Transformer	No	114750
<b>Current Transformers</b>			
21	33 kV C. T. (400-200/1-1-1)	No.	25250
40	C.T.-33KV200-100/1-1-1A/3Core	No	22670.40
1	CT 200-100/1-1 A , 33 KV	Nos.	23733.00
2	22 KV C.T. Three core.	No.	24964
3	CT 200-100/1-1 A , 22 KV	Nos.	23733.00
4	11 KV CT 600 - 300 / 5 - 5 Outdoor	No	13400.00
5	11 KV CT 600 - 300 / 5 - 5 Indoor	No	5972.00
6	CT - 11 KV 400 - 200 - 100/ 5-5-5 A / 3 Core I/D	No	15500.00
7	11 KV CT 400 - 200 / 5 - 5 Outdoor	No	13400.00
8	11 KV CT 400 - 200 / 5 - 5 Indoor	No	5933.01
9	CT 200 -100 / 5 - 5 Amp11 KV 1 Ph. Oil filled Out Door Type with Terminal connections	No	16613.00
10	100/1-1 A, 11 KV CT	Nos.	16587.61
11	33 KV P.T.	No.	18898
12	22 KV P.T.	No.	17750
13	11 KV PT	No.	7696.00
14	22 kV, Single phase, outdoor NCT	No.	18000.00

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15	11 KV Neutral CT Outdoor type with Relay	No	37672.00
16	11 kV, Single phase, outdoor NCT	No.	13000.00
17	11 KV R.V.T.	No.	25184
18	11 KV 3 Phase, Residual voltage Transformer with terminal connectors.	No	27703
19	L.T. Current Transformer. 500/5A (Ring type)	No.	234.00
20	L.T. Current Transformer. 300/5A (Ring type)	No.	209.00
21	L.T. Current Transformer. 200/5A (Ring type)	No.	180.00
22	L.T. Current Transformer. 100/5A (Ring type)	No.	180.00
23	L.T. Current Transformer. 1000/5A (Ring type)	No.	313.00
24	L.T. Current Transformer. 1500/5A (Ring type)	No.	313.00
	<b>ROLLED STEEL JOIST (RSJ Pole)</b>		
1	RSJ 116x100, 8 m long	No.	8065.00
2	RSJ 116x100, 9 m long	No.	9073.00
3	RSJ 116x100, 10 m long	No.	10081.00
4	RSJ 116x100, 11 m long	No.	11089.00
5	RSJ 116x100, 12 m long	No.	12097.00
6	RSJ 116x100, 13 m long	No.	13105.00
7	RSJ 152x152, 8 m long	No.	13009.00
8	RSJ 152x152, 9 m long	No.	14634.00
9	RSJ 152x152, 10 m long	No.	16261.00
10	RSJ 152x152, 11 m long	No.	17887.00
11	RSJ 152x152, 12 m long	No.	19513.00
12	RSJ 152x152, 13 m long	No.	21139.00
13	RSJ 125x70, 8 m long	No.	4591.00
14	RSJ 125x70, 9 m long	No.	5165.00
15	RSJ 125x70, 10 m long	No.	5739.00
16	RSJ 125x70, 11 m long	No.	6313.00
17	RSJ 125x70, 12 m long	No.	6887.00
18	RSJ 125x70, 13 m long	No.	7461.00
19	Stud Pole H.T. 100 x 116 mm RSJ Pole 11 Rmt.	No.	11089.00
	<b>FABRICATION</b>		
1	M.S.Flat 25x6 mm	Kg.	47.55
2	M.S.Flat 50 x 6 mm	Kg	48.20
3	MS angle 50x50x6 mm	Kg	50.78
4	MS angle 65x65x6 mm	kg	50.78
5	MS Channel 100x50x6 mm	Kg	50.78
6	M.S.Channel 75x40x6 mm	Kg	50.78
7	M.S. Angel(75 X 40 mm)	Kg	50.78
8	M.S. Flats(50 X 10mm)	Kg	47.55
9	MS Flat 50 X 8 mm	Kg	47.55
10	MS Flat 75x10 mm	Kg	47.55
11	MS Flat 80x10 mm	Kg	47.55
12	Steel - Flat	Kg	47.55
13	M.S.Plate 10 mm Thick Size 1' x 1 '	Kg	50.78
14	Steel - Angle, Channel, Column , Structure	Kg	50.72
15	33 kv guarding channel MS100x50	Kg.	50.78
16	22 kv guarding channel MS100x50	Kg.	50.78
17	11 kv guarding channel MS 75x40	Kg.	50.78
18	11 KV Guarding angle with clamp	Kg	50.78
19	Structure for 22 KV PT	Kg.	50.78
20	Structure for 22 KV CT	Kg.	50.78
21	Structure for 22 KV L.A.	Kg.	50.78

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22	Structure for 22 KV H/G.	Kg.	50.78
23	Structure for 11 KV PT	Kg.	50.78
24	Structure for 11 KV CT	Kg.	50.78
25	Structure for 11 KV L.A.	Kg.	50.78
26	Structure for 11 KV H/G.	Kg.	50.78
27	Structure for 33 KV LA + 11/22 KV LA (155 Kg X 2)	Kg.	50.78
28	Structure for Breaker and Capacitors	Kg.	50.78
29	Structure for 33 KV CT	Kg.	50.78
30	Structure for 33 KV L.A.	Kg.	50.78
31	Structure for 33 KV PT	Kg.	50.78
32	Structure for Power T/F Neutral Earthing	Kg.	50.78
33	Structure for Series Reactor(Set)	L.S.	11838.00
34	Structure for Series Reactor(Set) 22 kV	L.S.	19959.00
35	11 KV Top fitting with clamp	No	89.03
36	L.T. Four pin cross arm with clamp	No	574.00
37	152x152 mm Cross Arm clamp	Pair	247.33
38	152x152 mm pole clamps	Pair	252.06
39	L.T. Two pin cross arm with clamp	No	391.72
40	33 KV Top Fitting	No	374.36
41	22 KV Top Fitting	No	374.36
42	Clamps for 100 x 116 mm RSJ Pole Stay	Pair	167.05
43	Clamps for 152 x 152 mm RSJ Pole Stay	Pair	247.23
44	11 KV V cross arm with clamp	No	626.03
45	22 KV V cross arm with clamp	No	887.79
46	33 KV V Cross Arms	No	887.79
47	Cutpoint channel - 11 KV	Pair	901.05
48	Cutpoint channel - 33 / 22 KV	Pair	1456.79
49	Column type HG(4 Nos.)-496.0 kg.	MT	45587.00
50	Beam type HA(2 Nos.)-261.0 Kg.	MT	45587.00
51	Column type HG( 6Nos.)-496.0 kg.	MT	45587.00
52	Beam type HA(4 Nos.)-261.0 Kg.	MT	45586.44
53	G.I Flat 50x10 mm	Kg.	61.55
54	G.I Flat 75x10 mm	Kg.	61.55
55	G.I..Flat 50 x 6 mm	Kg.	61.55
56	Earthing HDG Flat 75 X 10 mm	kg.	61.55
57	Earthing HDG Flat 50 X 6 mm	kg.	61.55
58	G.I Structure for 22 KV PT	Kg.	64.78
59	G.I.Angle 50x50x6mm	Kg.	64.78
60	G.I.Angle 75x40 mm	Kg.	64.78
61	G.I.Channel 100x50x6mm	Kg.	64.78
62	G.I.Channel 75x40x6mm	Kg.	64.78
63	G.I.Strip (25 X 3 mm)	Kg.	64.78
64	G. I Structure for 22 KV H/G.	Kg.	64.78
65	G.I Angles (50X50X6mm) forcable tray	Kg.	64.78
66	G.I. Pipe 200 mm	Mtr.	255.48935
67	GI Pipe 20 mm	Mtr	64.78
68	GI Pipe 25 mm	Mtr	81.756592
69	G.I. Pipe 110 mm	Mtr	219.823809
70	G.I.Nut Bolts	Kg	82.88924
71	G.I.Nut Boltss Washer & Misc Material	L.S	2060.90452
72	Gantry Structures	kg	57.74
73	Hot dip Galvanised Elevating Structure for Capacitor Bank & RVT, Isolator, VCB etc.	Set	54956.53145
74	L.T.Shackle hardware	Pair	34.62299
75	Angle for fixing trays 50x50x6mm	Kg.	50.78

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76	Earthing with GI pipe	No.	268.810835
77	Earthing with GI plate	No.	1570.043193
78	C.I. Plates 2' X 2'	No.	242.00
79	C.I. Pipes 4" dia 3 Metre Long	No.	7088.00
80	Transformer Base Channel Supporting Strucutre (Specially designed) - 10kVA	LS	910.55
81	Transformer Base Channel Supporting Strucutre (Specially designed) - 16/25 kVA	No	1147.76
82	11 KV V cross arm with clamp GI	No	798.65
83	11 KV Top fitting with clamp GI	No	113.56
84	G.I.Channel 75x40x6mm GI	No	0
85	11 KV Top fitting with clamp GI (0.75M)		389.89
86	11 kv guarding channel GI 75x40	No	
87	CT Structure	L.S.	6528.53
88	Erection of 25 nos of towers in place of old rusted towers with pile foundation and caps and reconductoring with 232 sqmm AAAC conductor this includes the cost of tower material	No	486679.7507
89	Stainless steel neutral earth resistor for 10 MVA 22/11 kV DZ-10 Power Transformer	No	38108.00
90	GI Bend 20 mm.	No.	15.5001
91	GI Coupling 20 mm.	No.	6.4614
92	Anti Climbing Devices	No.	52.02
	<b>Steel Items</b>		
1	H.T.Stay Set	Set	586.66
2	L.T. Stay sets	Set	462.84
3	Earthing Sets H.T	Set	335.51
4	Earthing Sets L.T.	Set	162.57
5	DTC Metering Cabinet ( Box )	No	4033.00
6	Three Phase Meter Box	No	1755.61
7	Non Magnetic stainless steel nut bolt with plain washer	Kg	119.77
8	Marshalling Box	No	4200.00
	<b>H.T. CABLE</b>		
1	XLPE Cable 33 KV, 3 C / 300 mm sq.	RMT	1640.80
2	XLPE Cable 22 KV, 3 C / 300 mm sq.	RMT	1409.00
3	XLPE Cable 22 KV, 3 C / 240 mm sq.	RMT	1149.61
4	XLPE Cable 22 KV, 3 C / 95 mm sq.	RMT	812.56
5	XLPE Cable 11 kV 3C 400 sq.mm.	RMT	1569.70
6	XLPE Cable 11 KV, 3 C / 300 mm sq.	RMT	1130.43
7	XLPE Cable 11 KV, 3 C / 240 mm sq.	RMT	982.46
8	XLPE Cable 11 KV, 3 C / 185 mm sq.	RMT	794.00
9	XLPE Cable 11 KV, 3 C / 95 mm sq.	RMT	636.67
10	XLPE Cable 11 kV 3C 50 sq.mm.	RMT	433.59
11	XLPE Cable 11 kV 3C 35 sq.mm.	RMT	318.33
	<b>L.T. CABLE</b>		
1	W.P.Wire 10 mm2 T/C 1100 V Grade	Coil	1749.00
2	do- 4 mm2 T/C 1100 V Grade	Coil	821.42
3	do- 2.5 mm2 T/C 1100 V Grade	Coil	527.54
4	L.T.Aerial bunched cable(3x120)	RMT	227.82
5	L.T.Aerial bunched cable(3x70)	RMT	140.80
6	L.T.Aerial bunched cable(3x50)	RMT	105.34
7	L.T. XLPE cable 3.5 Core 300 mm2	RMT	659.26

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8	L.T. XLPE cable 3.5 Core 240 mm <sup>2</sup>	RMT	558.30
9	L.T. XLPE Armoured 3.5 Core cable 185 sq.mm.	RMT	424.97
10	L.T. XLPE Armoured 3.5 Core cable 120 sq.mm.	RMT	286.71
11	LT XLPE Armoured Cable 3 1/2C X 95 Sq mm	Rmt	239.08
12	L.T. XLPE Armoured 3.5 Core cable 70 sq.mm.	RMT	170.70
13	L.T. XLPE armoured cable 3 1/2 C 50 sq.mm.	RMT	145.97
14	L.T. XLPE armoured cable 3 1/2 C 35 sq.mm.	RMT	110.78
15	Single Core armoured XLPE Cable 300 sq.mm	RMT	197.44
16	Single Core armoured XLPE Cable 240 sq.mm	RMT	164.64
17	Single Core armoured XLPE Cable 185 sq.mm	RMT	132.31
18	Single Core armoured XLPE Cable 120 sq.mm	RMT	85.61
19	Single Core armoured XLPE Cable 70 sq.mm	RMT	62.36
20	Single Core armoured XLPE Cable 50 sq.mm	RMT	48.97
21	Single Core armoured XLPE Cable 35 sq.mm	RMT	39.80
22	L.T. XLPE Armoured cable 4core 16sq.mm.	RMT	75.89
26	L.T. XLPE Armoured 2C 16 Sqmm cable	Rmt	50.49
28	L.T. 2 Core Cable 4 sqmm Armoured	Mtr	82.80
30	L.T. 2 Core Cable 2.5 sqmm Armoured	Mtr	75.01
32	Single core PVC insulated 10 Sq. mm Stranded Alluminium Conductor wire for HT Jumpering	Mtr	25.00
33	Four core PVC insulated 6 Sq. mm Stranded Copper Conductor wire for LT Jumpering	Mtr	236.00
34	Four core PVC insulated 4 Sq. mm Stranded Copper Conductor wire for LT Jumpering	Mtr	137.00
	<b>CONTROL CABLE</b>		
1	Armoured Copper control cable 19C X 2.5 Sq mm	Mtr	319.36
2	Armoured Copper control cable 12C X 2.5 Sq mm	Mtr	211.92
3	Armoured Copper control cable 7Cx2.5 sq.mm.	RMT	134.52
4	Armoured Copper control cable 4C X 2.5 Sq mm	Mtr	180.20
5	Armoured Copper control cable 2Cx2.5 sq.mm.	RMT	55.73
6	Armoured Copper control cable 2Cx4 sq.mm.	RMT	89.18
	<b>CONDUCTOR</b>		
1	AAC Ant	Rmt	23.47
2	AAC Gnat	Rmt	12.22
3	AAAC 34 mm <sup>2</sup>	Rmt	17.80
4	AAAC 55 mm <sup>2</sup>	Rmt	28.00
5	AAAC 100 mm <sup>2</sup>	Rmt	50.80
6	AAAC 232 mm <sup>2</sup>	Rmt	124.91
	<b>Wedge Connector</b>		
1	Ant To Ant or equivalent AAAC	No.	114.11
2	GNAT To GNAT or equivalent AAAC	No.	114.11
3	WEASEL TO WEASEL or equivalent AAAC	No.	114.11
5	RABIT To RABIT or equivalent AAAC	No.	114.11
6	RACCON TO RACCON or equivalent AAAC	No.	438.90
7	DOG TO DOG or equivalent AAAC	No.	558.59
8	PANTHER TO PANTHER or equivalent AAAC	No.	718.19
	<b>CONDUCTOR HARDWARE</b>		
1	Strain Hardware for AAAC 232 sq.mm.	Set	602.56
2	Strain Hardware for 0.2 ACSR	Set	608.86

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3	Suspension Hardware for 0.2 ACSR or equivalent AAAC	Set	338.89
4	Strain Hardware for Weasel/Squirrel	Set	178.40
5	Strain Hardware for Dog 0.1 or Equ. AAAC.	Set	321.66
6	SSN Hardware for 0.1 Dog or AAAC 100 Sq.mm	Set	224.63
7	Strain Hardware for 30 Sq mm ACSR Conductor	Set	136.00
8	Strain Hardware for 55 Sq.mm AAAC	Set	140.00
9	Strain Hardware for 34 Sq.mm AAAC	Set	140.00
10	Strain Hardware for 80 Sq mm	Set	252.00
11	Tension Hardware for 100 sq.mm Conductor.	No.	341.00
12	Tension Hardware for 200 sq.mm Conductor.	No.	590.00
13	Strain Hardware for 0.2 ACSR or equivalent AAAC for twin conductor	Nos.	463.00
14	Suspension Hardware for 55 sq mm Cond.	No.	149.62
	<b>H.T. METERING CUBICLE</b>		
1	22KV metering cubical with ratio 5/5A CTs & PTs but without meter	Set	115000.00
2	22KV metering cubical with ratio 10/5A CTs & PTs but without meter	Set	115000.00
3	22KV metering cubical with ratio 25/5A CTs & PTs but without meter	Set	115000.00
4	22KV metering cubical with ratio 50/5A CTs & PTs but without meter	Set	125000.00
5	11KV metering cubical with ratio 5/5A CTs & PTs but without meter	Set	85000.00
6	11KV metering cubical with ratio 10/5A CTs & PTs but without meter	Set	85000.00
7	11KV metering cubical with ratio 25/5A CTs & PTs but without meter	Set	85000.00
8	11KV metering cubical with ratio 50/5A CTs & PTs but without meter	Set	90000.00
9	11KV metering cubical with ratio 100/5A CTs & PTs but without meter	Set	90000.00
	<b>METERS</b>		
1	S.P. meter with 6LoWPAN tech. with enclosure	No.	696
2	S.P. meter with 6LoWPAN tech. without enclosure	No.	596
3	LTAC T.P. 10-40A IR port meter	No.	1377
4	LTAC T.P. 10-40A LPRF meter with Zigbee Tech. (for loads upto 20 kW)	No.	2187
5	LTAC T.P. CT embedded 40-200 A Meter (for loads above 20kW)	Set	13437
6	HT TOD Meter 0.5S, -/5A, Category C	Set	2166
7	HT TOD Meter 0.5S, -/1A, Category C	No	2323
8	HT TOD Meter 0.2S, -/5A, Category C	No.	4332
9	HT TOD Meter 0.2S, -/1A, Category C	No	4332
10	Single Phase Net Energy Meter	No	950
11	Three Phase Net Energy Meter	No	3438
12	50/5A CT Operated Meter	No	3673
13	100/5A CT Operated Meter	No	3673
14	0.5S, -/5A HT TOD Net Energy Meter	No	3908
15	0.2S, -/5A HT TOD Net Energy Meter	No	6496
16	GSM / GPRS Modem	No	2164
17	Single Phase Pre-paid Energy Meter	No	2340

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<b>RING MAIN UNIT</b>			
1	11 kV SF6, Motorized, SCADA Compatible RMU 1 Iso + 1 Br	No	360000
2	11 kV SF6, Motorized, SCADA Compatible RMU 1 Iso + 2 Br	No	480000
3	11 kV SF6, Motorized, SCADA Compatible RMU 2 Iso + 1 Br	No	390000
4	11 kV SF6, Motorized, SCADA Compatible RMU 2 Iso + 2 Br	No	530000
5	11 kV SF6, Motorized, SCADA Compatible RMU 2 Iso + 3 Br	No	820000
6	11 kV SF6, Motorized, SCADA Compatible RMU 2 Iso + 4 Br	No	920000
7	11 kV SF6, Motorized, SCADA Compatible RMU 3 Iso + 2 Br	No	750000
8	11 kV SF6, Motorized, SCADA Compatible RMU 3 Iso + 1 Br	No	480000
9	22 kV SF6, Motorized, SCADA Compatible RMU 1 Iso + 1 Br	No	420000
10	22 kV SF6, Motorized, SCADA Compatible RMU 1 Iso + 2 Br	No	600000
11	22 kV SF6, Motorized, SCADA Compatible RMU 2 Iso + 1 Br	No	500000
12	22 kV SF6, Motorized, SCADA Compatible RMU 2 Iso + 2 Br	No	680000
13	22 kV SF6, Motorized, SCADA Compatible RMU 2 Iso + 3 Br	No	940000
14	22 kV SF6, Motorized, SCADA Compatible RMU 2 Iso + 4 Br	No	1100000
15	22 kV SF6, Motorized, SCADA Compatible RMU 3 Iso + 2 Br	No	770000
<b>ISOLATORS / AB SWITCH / HG FUSE</b>			
1	11KV A.B. Switch	Set	8400.00
2	22KV A.B. Switch	Set	12050.00
3	11KV H.G.Fuses	Set	1780.00
4	22KV H.G.Fuses	Set	4050.00
5	11 KV Isolator with EB 400 A	Set	25500.00
6	11 KV Isolator without EB 400 A	Set	22000.00
7	11 KV Isolators with EB (800 A)	Set	26000
8	11 KV Isolators without EB (800 Amp.)	Set	22400
9	22 KV Isolators with EB (800 A)	Set	43600
10	22 KV Isolators without EB (800 Amp.)	Set	39000
11	33 KV Isolators with EB (800 A)	Set	57000
12	33 KV Isolators without EB (800 Amp.)	Set	46750
13	11 KV, 3 Phase, 400 amps. Isolator with earth switch, Double blade complete with set of insulators and terminal connectors.	No	46333.03
14	22 kV SF6 Isolator	No.	391157.28
<b>INSULATORS</b>			
1	33 kV Pin Insulators with G.I. Pins	No	541.38
2	22 kV Pin Insulators with G.I. Pins	No	335.98
3	11 kV Pin Insulators with G.I. Pins	No	135.11
4	Antifog type Disc. Insulators 7000 Kg. for highly polluted area	Nos	677.96
5	Disc Insulator 11 KV 7000 KG.	Nos	344.48
6	Disc Insulator 11 KV 4500 KG.	Nos	244.47



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7	33 KV Pin Insulators{CD 840mm}	No.	309.14
8	33 KV Post Insulator	No	917.65
9	22 KV Post Insulator	Nos	835.00
10	L.T.Shackle Insulator	Nos	9.99
11	Stay Insulators	No	9.75
12	Reel Insulator 25 / 20 mm	No	2.00
	<b>L.T. Bistribution Boxes / Pillars</b>		
1	HT Pillar 22 KV	No.	73412.00
2	11 KV Feedar Pillar 2 Way	No	32000.00
3	11 KV Feeder Pillar 4 Way	No.	80900.00
4	L.T.Dist.Boxes 25/63 KVA with MCCB	No	15000.00
5	L.T.Dist.Boxes 25/63 KVA with KITKAT	No	13487.00
6	L.T.Dist.Boxes 100 KVA with MCCB	No	15325.00
7	L.T.Dist.Boxes 100 KVA with KITKAT	No	14209.00
8	L.T.Dist.Boxes 200 KVA with MCCB	No	24661.00
9	L.T.Dist.Boxes 200 KVA with KitKat	No	18479
10	8 way feeder pillar with ACB	No.	72000.00
12	6 way feeder pillar with ACB	No.	61500.00
13	Common Meter Reading Instru. for Static Meters.	No	30630.00
14	L.T. Mini Feedar Pillar	No	8400.00
15	LT Feeder Pillar 2/3 Way	No	14950.00
16	L.T. Feedar Pillar 4 Way	No	22000.00
19	LT Feeder Pillar 6 Way	No	28750.00
20	LT Feeder Pillar 8 Way	No	36500.00
21	Single Phase Distribution Box 15/25 KVA	No	2281.00
22	AC Distribution Board 'B' type	No.	25661
	<b>Jointing Kits</b>		
1	11 kV heat shrinkable Indoor termination joint kit for 3 C X 300 sqmm	Kit	1661.61
2	11 kV heat shrinkable Indoor termination joint kit for 3 C X 240 sqmm	Kit	1581.10
3	11 kV heat shrinkable Indoor termination joint kit for 3 C X 185 sqmm	Kit	1537.49
4	11 kV heat shrinkable Indoor termination joint kit for 3 C X 120 sqmm	Kit	1537.49
5	11 kV heat shrinkable Indoor termination joint kit for 3 C X 95 sqmm	Kit	1168.49
6	11 kV heat shrinkable Outdoor termination joint kit for 3 C X 300 sqmm	Kit	2029.48
7	11 kV heat shrinkable Outdoor termination joint kit for 3 C X 240 sqmm	Kit	2029.48
8	11 kV heat shrinkable Outdoor termination joint kit for 3 C X 185 sqmm	Kit	1906.49
9	11 kV heat shrinkable Outdoor termination joint kit for 3 C X 120 sqmm	Kit	1906.49
10	11 kV heat shrinkable Outdoor termination joint kit for 3 C X 95 sqmm	Kit	1458.10
11	11 kV heat shrinkable Straight through joint kit for 3 C X 300 sqmm	Kit	5288.96
12	11 kV heat shrinkable Straight through joint kit for 3 C X 240 sqmm	Kit	5288.96
13	11 kV heat shrinkable Straight through joint kit for 3 C X 185 sqmm	Kit	5042.96
14	11 kV heat shrinkable Straight through joint kit for 3 C X 95 sqmm	Kit	4181.97



Sr. No.	NAME OF MATERIAL	UNIT	New 2018-19
15	22 kV Heat shrik Indoor termination joint (Al) kit for XLPE 3 C X 300 sqmm	Kit	12873.69
16	22 kV Heat shrik Indoor termination joint (Al) kit for XLPE 3 C X 240 sqmm	Kit	9022.54
17	22 kV Heat shrik Indoor termination joint (Al) kit for XLPE 3 C X 95 sqmm	Kit	9022.54
18	22 kV Heat shrik Outdoor termination joint (Al) kit for XLPE 3 C X 300 sqmm	Kit	13714.39
19	22 KV OD for 240 Sqmm cable (End Termination Joint)	Nos	12467.63
20	22 KV Termination joint (OD) for 3 C / 95 mm sq.	No.	7380.96
21	22 KV st. through joints for 3 C / 300 mm sq.	No.	14271.95
22	22 kV Heat shrik Straight through joint (Al) kit for XLPE 3 C X 300 sqmm	Kit	24599.81
23	22 KV Str Thr Joints for 240 Sqmm cable	Nos	24599.81
24	22 KV st. through joints for 3 C / 95 mm sq.	No	12076.27
25	33 kV Heat shrik Indoor termination joint (Al) kit for XLPE 3 C X 300 sqmm	Kit	14144.89
26	33 kV Heat shrik Outdoor termination joint (Al) kit for XLPE 3 C X 300 sqmm	Kit	19027.95
27	33 kV Heat shrik Straight through joint (Al) kit for XLPE 3 C X 300 sqmm	Kit	36899.71
28	LT St.through joints for 300 sqmm	Nos	1253.47
29	LT St.through joints for 240 sqmm	No.	1253.47
30	LT St.through joints for 185 sqmm	No.	863.64
31	L.T. jointing kits for 120 Sqmm	No	559.09
32	L.T. jointing kits for 95 Sqmm	No	503.18
33	L.T. jointing kits for 70 Sqmm	No	447.27
34	33 kV Silicon coated touchproof Indoor termination joint (Al) kit for XLPE 3 C X 300 sqmm	Set	67830
35	22 kV Silicon coated touchproof Indoor termination joint (Al) kit for XLPE 3 C X 300 sqmm	Set	16324.72
<b>CIVIL ITEMS &amp; WORKS</b>			
1	PSC Pole 8 Mtr (200 KG)	No	1800.00
2	PSC Pole 8 Mtr (140 KG)	No	1500.00
3	PSC Pole 9 Mtr (200 KG)	No	2060.00
4	R.C.C. Pipe 150 mm 2 M	No	520.00
5	R.C.C. Pipe 200 mm 2 M	No	520.00
6	RCC Tiles (0.6 x 0.5) Mtrs.	No	94.82
7	RCC Ring work for earthing pits	No.	242
8	Half round cement pipe ( 150mm X 1mtr)	No	100.00
9	Concreting ration 1:4:8	CMtr	2596.08
10	Concreting ration 1:3:6	CMtr	2892.26
11	Plinth for station Transformer	Cmtr	4763.93
12	Foundation for 11 kV Isolators	Cmtr	2596.08
13	Foundation for 11 kV Isolators without EB	Cmtr	2596.08
14	Foundation for 11 kV Lightning Arrestor	Cmtr	2596.00
15	Foundation for 11 kV C.Ts	Cmtr	2596.00
16	Foundation for 11 kV P.Ts	Cmtr	2596.00
17	Foundation for 11 kV Breaker	Cmtr	2596.00
18	Foundation for Gantry Structures	Cmtr	2596.00
19	Foundation for 22 kV Isolators	Cmtr	2596.00
20	Foundation for 22 kV Isolators without EB	Cmtr	2596.00
21	Foundation for 22 kV Lightning Arrestor	Cmtr	2596.00
22	Foundation for 22 kV C.Ts	Cmtr	2596.00
23	Foundation for 22 kV Breaker	Cmtr	2596.00
24	Foundation for Gantry Structures	Cmtr	2596.00

Sr. No.	NAME OF MATERIAL	UNIT	New 2018-19
25	Foundation for 33 kV Isolators with EB	Cmtr	2892.00
26	Foundation for 33 kV Isolators without EB	Cmtr	2892.00
27	Foundation for 33 kV Lightning Arrestor	Cmtr	2892.00
28	Foundation for 33 kV C.Ts	Cmtr	2892.00
29	Foundation for 33 kV P.Ts	Cmtr	2596.00
30	Foundation for 33 kV Breaker	Cmtr	2892.00
31	Foundation for Gantry Structures	Cmtr	2596.00
32	HT Pillar Foundation	LS	11995.00
33	Foundation for RMU	LS	16315.00
34	Civil Works 20 Sq. Mtr	LS	271915.00
35	Civil Works - Foundation Structure for Feeder Pillar, RMU & Transformer	LS	22841.00
36	Foundation Structure for RMU for Cable Entry Etc.	No	19143.00
37	Foundations for structures and equipments for switching station	L.S.	422579.50
38	Foundations for structures and equipments (for 2 t/f bays)	L.S.	845159.00
39	HT Cable Joint Chamber (Civil)	Nos	1098
	<b>Breakers and Switchgears</b>		
1	33 kV 1000 MVA 1600 Amp.IN Door Type VCB	No.	985166.79
2	22 kV 1000 MVA 1600 Amp.IN Door Type VCB	No.	985166.79
3	33 KV VCB complete 1600 Amp (O.D.)	No.	180000
4	22 KV VCB complete 1600 Amp (O.D.)	No.	180000
5	22 KV VCB complete 800 Amp (O.D.)	No.	149777.68
6	11 KV VCB 400 A Indoor	No	142500.00
7	11 KV VCB 400 A Outdoor	No	142500.00
8	11 KV VCB 800 A Indoor	No	145000.00
9	11 KV VCB 800 A Outdoor	No	145000.00
10	11 kv 250 MVA OD Switchgears comprising of 1 Incomer and 3 single feeder with associated OD panels, Isolators, C.T. & P.T. etc.	Set	1108356
11	11kV I D switchgear (2 I/c+1 B/c+8O/G)	Set	3005006
12	11 KV 250 MVA OD switchgear comprising of 2 incomer & 4 single feeders with associated OD pannels , Isolators CT & PT etc	Set	1947918
13	11 KV 250 MVA OD Single Feeder with Panel , Isolator CT etc	Set	414537
14	11 KV 250 MVA O.D. Switch gear with one I/C+ one O/G	Set	556548
15	11 KV 250 MVA O.D. Switch gear with one I/C+ three O/G	Set	1113096
16	22 kv 500 MVA OD Switchgears comprising of 1 Incomer and 3 single feeder with associated OD panels, Isolators, C.T. & P.T. etc.	Set	1678895
17	11kV 250 MVA OD switchgear comprising of one incomer and 3 single feeders with associated o.d.panels	set	1536672
18	11 KV 250 MVA OD switchgear comprising of one incomer ,3 O/G & 1 B/C with associated OD panels, Isolators, CT & PT etc.	set	1391370
19	11 KV 500 MVA ID switchgear comprising of one incomer ,3 O/G & 1 B/C with associated OD panels, Isolators, CT & PT etc.	Set	1365876
20	11 KV OD type VCB with directional relay with Bus coupler complete	Set	614544
21	11 KV VCB With C.T.; P.T & Panel Indoor	Set	310577
22	11KV HT O.S.F.	Nos	99199

Sr. No.	NAME OF MATERIAL	UNIT	New 2018-19
23	11kV I D switchgear (1 I/c+1 B/c+4O/G)	Set	1639052
24	11 KV 250 MVA Indoor Switch Gears comprising of 2 Incomer and 6 Single feeder & Bus Coupler with associated C.R Panels, V.C.B. for Incoming & Bus Coup.for Feeder	Set	2504466
25	Automatic capacitor switch 11 KV	No.	104152.45
26	33 KV Indoor GIS Switchgear (I/C) 1250A	No.	1350000.00
27	33 KV Indoor GIS Switchgear (O/G TF) 1250A	No.	1350000.00
28	33 KV GIS Bus bar with Buscoupler and Bus riser	No.	1700000.00
29	11 KV Indoor GIS Switchgear (I/C) 800 A	No.	900000.00
30	11 KV Indoor GIS Switchgear (O/G) 400A	No.	850000.00
31	11 KV GIS Bus bar with Buscoupler and Bus riser	No.	1285000.00
	<b>CAPACITOR / REACTOR / SWITCHES</b>		
1	1.2 MVAR, 22 kV Capacitor Bank		219315.00
2	2.4 MVAR, 22 kV Capacitor Bank		302434.00
3	3.0 MVAR, 22 kV Capacitor Bank		405582.00
4	3960 KVAR, HT Capacitor Bank, 22 KV	Set	369539.00
5	72 kVAR, 11 kV series reactor	Set	265962.00
6	11 KV Capa. Bank 0.6 MVAR without switch	Set	38240.00
7	Capacitor banks without Switchgear 11 KV 0.6 MVAR	Set	43795.00
8	Capacitor Cell 84 KVAR	Nos.	7511.00
9	1.2 MVAR, 11 kV Capacitor Bank		118369.00
10	Capacitor Bank 11 KV 1.2 MVAR ( 200 KVAR x 6 ) Single Star connected with Internal fuses, Interconnected mounting Structure, Insulators & Other Accessories	Set	819357.00
11	2.4 MVAR, 11 kV Capacitor Bank		240731.00
12	3.0 MVAR, 11 kV Capacitor Bank		291765.00
13	Capacitor banks wit Switchgear 11 KV 3 MVAR	Set	1229946.00
14	0.48 KVAR, 22 kv, 1 Ph, Al wined series reactor	Set	92133.00
15	0.97 KVAR, 22 kv, 1 Ph, Al wined series reactor	Set	120173.00
16	1.32 KVAR, 22 kv, 1 Ph, Al wined series reactor	Set	144207.00
17	79.2 kVAR, 22 kV series reactor	Set	435625.00
18	0.9688 KVAR, 11 kv, 1 Ph, Al wined series reactor	Set	46220.00
19	1.93 KVAR, 11 kv, 1 Ph, Al wined series reactor	Set	54887.00
20	2.42 KVAR, 11 kv, 1 Ph, Al wined series reactor	Set	89552.00
21	180 KVAR, 11 KV Series Reactor	Set	466589.00
22	LT Fixed Capacitor 9 KVAR	Nos.	2901
23	LT Fixed Capacitor 18 KVAR	Nos.	5802
	<b>C &amp; R PANELS</b>		
1	C&R panel for 33 KV for feeder breaker	Set	85545
2	C&R panel for 33 KV Transformer with 1 Amp. Relay	Set	56650
3	33 KV Transformer CR Panel With 1 Amp relay	Set	72580
4	C&R panel for 33 KV Transformer with Diff. Protection	Set	133331
5	33 KV Transformer CR Panel With Differential	Set	151629
6	CR Panel for 33/22 KV line breaker with 1/5A relay	Set	75554
7	C&R panel for 22 KV feeder breaker	Set	75556
8	C&R panel for 22 KV Transformer with 1 A relay	Set	51655
9	22 KV Transformer CR Panel With 1 Amp relay	Set	72580

Sr. No.	NAME OF MATERIAL	UNIT	New 2018-19
10	C&R panel for 22 KV Transformer with Diff. Protection	Set	111260
11	Control C&R Panel 22 KV for feeder with accessories.	Nos	75554
12	Replacement of Control Panel 22 KV	Set	65982
13	CR Panel for 11 KV Capacitor bank with relay	set	75554
14	C&R Panel for 11 kv Outgoing Feeder OD	No	75556
15	Control Panel complete with NDR,UV,OV & 2 O/C + 1 E/F and Time delay relay and accessories.	No	72580
16	11 KV Annunciator Panel	No.	4889
17	30 Volt Non directional type Electronic Static relay (Numeric Relay)	Nos.	23007
<b>Lightning Arrestor</b>			
1	33 KV LA 9 KA	Set	9900.00
2	33 KV Lightning Arrestors (Station type)	Set	13094
3	22 KV Lightning Arrestors (Screw type)	Set	8400.00
4	22 KV Lightning Arrestors (Station type)	set	11467
5	11 KV Lightning Arrestors (Station type)	set	9900.00
6	L.A.s 22KV (Gapless type) with disconnecter	Set	2200.00
7	L.As. 11 KV (Gapless type) with disconnector	Set	1100.00
8	9 KV, 10 KA, 1 Ph. Metal Oxide (Gapless) Lightning Arresters with terminal connectors.	Set	8744.00
<b>Clamps / Sleeves</b>			
1	Aluminium Jointing Sleeve for 100 Sq mm AAAC	No	118.00
2	Aluminium Jointing Sleeve for 55 Sq mm AAAC	No	118.00
3	Aluminium Jointing Sleeve for 30 Sq mm ACSR	No	118.00
4	Jointing Sleeves for AAC	No.	32.03
5	Jointing Sleeves for Conductor.	No	36.60
6	Sleve Joints	No	115.21
7	Clamps for 33 KV C.T.	No	1450.00
8	Clamps for 33 KV Isolator	No	992.44
9	Clamps for 33 KV P.T.	No	1450.00
10	Clamps for 33 KV V.C.B.	No	2100.00
11	Clamp for 22 KV VCB	No	2040.36
12	Clamps for 22 KV C.T.	No	1425.46
13	Clamps for 22 KV Isolator	No	1020.13
14	Clamps for 22 KV P.T.	No	1425.46
15	Clamp for PT	No	1450.00
16	Clamp for CT	No	1450.00
17	Breaker Clamps	Nos.	1687.53
18	clamps for Isolator	Nos.	845.13
19	Clamps for CTs	Nos.	1180.33
20	Cable Glands, rerules and tape etc.	L.S.	523.68
21	Palm Type Clamp (Compression Type)	Nos.	928.43
22	PG Clamp	Nos.	26.50
23	T-Connector for 100 sq mm conductor	No	733.15
24	T-Connector for 200 sq mm conductor(Compression type)	No	3352.00
25	T Connectors suitable for 200 sqmm twin conductor	Nos.	865
26	Crimping of jumpers at cut points	No.	1475.00
27	0.2 ACSR or equivalent AAAC Loop Connector	No.	820.00
28	Special type lugs for 100 sqmm	Nos.	529

Sr. No.	NAME OF MATERIAL	UNIT	New 2018-19
29	Connectors for T/F Bushing	Nos.	3783.43
30	Clamp for T/F Bushing special type with tinned copper and Al Palm	No	4163.00
31	Connectors for T/F Bushing	Nos.	3783.00
32	Transformer Clamps	No.	721.00
33	Aluminium Bobbins for neutral	No.	32.03
34	All Lugs (Assorted)	Nos.	23.48
35	Binding Tape	Kg	42.70
36	Binding Wire	Kg	70.45
37	Cable Trays 2.5 Mtr. X 6" W	Nos.	333
<b>MMC GI ITEMS</b>			
1	G.I.Wire 8 SWG/ 6 SWG	Kg.	56.27
2	G.I.Wire 8 SWG/ 6 SWG	Kg.	56.27
3	G.I.Wire 3.15mm (10 SWG)	Kg.	56.41
4	G.I.Stay Wire 7/4mm(8 SWG)	Kg.	56.32
5	G.I.Stay Wire 7/3.15mm(10SWG)	Kg.	56.32
6	G.I.Barbed Wire `A' type.	Kg.	63.01
7	Guard Loops 5 wire	Kg.	55.16
<b>MCB / KIT KAT</b>			
1	Kit Kat fuses 415 V 200 A	No	387.87
2	Kit Kat fuses 415 V 100 A	No	251.49
3	Kit Kat fuse 250 V 15 A	No.	30.74
4	Single pole MCB with encloser 32 A	No	109.87
5	Single pole MCB with encloser 20 A	No	125.38
6	Single pole MCB with encloser 10 A	No	109.87
7	Three Phase Four Pole MCB 16A with enclosure	Set	2000.00
8	Three Phase Four Pole MCB 32A with enclosure	Set	2000.00
9	ACB 800 Amp	No.	29480.00
10	Air Circuit Breaker 400 Amp	No.	28318.00
<b>SUB-STATION ITEMS</b>			
1	30 V, 100 AH Lead Acid Battery sets	Sets	35000
2	Battery chargers suitable for above	No.	35000
3	Battery set 30 Volt, 100 AH with Battery charger	Set	70000
4	2.5 / 5 KV Megger (Manual)	No.	27172.00
5	500 V Megger	No.	1812.00
6	Fire Extinguisher with stand	Set	4200.00
7	Furniture for S/Stn.	L.S.	6000.00
8	Flood lights with control gear box & 250w SV Lamp	No	3060.00
9	Earthing Sets H.T of C.I.pipe 150 mm 3 mtr.	No.	6638.26
10	Tubular pole 9 Mtr. Long 88.9C, 137.7 mm	No	4815.00
11	SLD Board 11 KV side	No.	604
12	SLD Board 22 KV side	No.	604
13	Capacitance meter	Nos.	5597.00
14	Rubberised oil corksheets 5mm	Nos.	406
15	Rubberised oil corksheets 8mm	Nos.	749
16	Sub-station Board (Name) with angle stand	No.	3623
17	Tool box with ratchet spanner, flat spanners, box spanner, plier, screwdriver, hammer, hacksaw with blades, chisel, files (Standard make)	No.	3623
18	Battery Accessories such as hydrometer, cell tester, Acid can, distilled water can, handgloves etc.	Set	899

Sr. No.	NAME OF MATERIAL	UNIT	New 2018-19
19	2 no.s 8W CFL lamps with one suitable inverter ( DC to AC)	Set	600
20	2 Cell torch	No.	55
21	3 Cell torch	No.	79
22	Aluminium ladder (Adjustable)	No.	1468.00
23	Name plate painting for all equipments	L.S.	604
24	Safety Items as per the requirement of electrical inspector as under	L.S.	9058
	a) First Aid Box		
	b) Shock treatment chart		
	c) Rubber mats 8 mm thick		
	d) 4 Fire buckets with sand & M.S. Hooks / stand		
	e) Helmet		
	f) Hand gloves		
25	Discharge rod for 33 KV	Set	604.00
26	Digital Multi meter (10 Amp)	No.	1933.00
27	Digital Tong tester (1000 Amp., 500 V) With associated accessories.	No.	2959.00
28	Discharge rod for 11 KV	Set	604.00
29	Discharge rod for 22 KV	Set	604.00
30	Earth tester 200 Amp. 2000 Ohm	Nos.	9661.02
31	Earthing Sets H.T with clamp	Set	7076.69
32	Emergency Artificial respiration kit	Set	1811.45
33	Land Development ( As per table A)	L.S.	187840.00
34	Land Development ( As per table A) Hybrid	L.S.	129568.00
35	Land Development ( As per table A) Indoor	L.S.	103763.00
36	Land Development ( As per table A) GIS		42358.00
37	Control room (As per table B) outdoor	L.S.	1958424.32
38	Control room (As per table B) Hybrid		3330411.05
39	Control room (As per table B) Indoor	L.S.	3330411.05
40	Control room (As per table B) GIS		3330411.05
41	Store room of size 8.0m X 6.0 m (As per table C)	L.S.	490499.44
42	Store room of size 8.0m X 6.0 m (As per table C) Hybrid		0.00
43	Store room of size 8.0m X 6.0 m (As per table C) Indoor		0.00
44	Store room of size 8.0m X 6.0 m (As per table C) GIS		0.00
45	Sanitary Water supply	L.S.	0.00
46	Electrification (Lumsum)	L.S.	100000.00
47	WBM Road (As per table D)	L.S.	298243.50
48	WBM Road (As per table D) Hybrid		149814.50
49	WBM Road (As per table D) Indoor	L.S.	144664.50
50	WBM Road (As per table D) GIS		96308.50
51	Chain link fencing and Bar bed wire fencing (As per table E)	L.S.	922185.50
52	Chain link fencing and Bar bed wire fencing (As per table E) Hybrid		607002.42
53	Chain link fencing and Bar bed wire fencing (As per table E) Indoor	L.S.	208965.04
54	Chain link fencing and Barbed wire fencing (As per table E) GIS		145452.60
55	Metal Spreading (As per table F)	L.S.	130945.00



Sr. No.	NAME OF MATERIAL	UNIT	New 2018-19
56	Metal Spreading (As per table F) Hybrid		130745.00
57	Metal Spreading (As per table F) Indoor	L.S.	62646.00
58	Metal Spreading (As per table F) GIS		21418.00
59	Equipment Foundations for 1X 5 MVA or 1X10 MVA (1+3 Bay) (As table G)	L.S.	422579.50
60	Equipment Foundations for 1X 5 MVA or 1X10 MVA (1+3 Bay) (As table G) Hybrid		348665.80
61	Equipment Foundations for 1X 5 MVA or 1X10 MVA (1+3 Bay) (As table G) Indoor	L.S.	70460.40
62	Equipment Foundations for 1X 5 MVA or 1X10 MVA (1+3 Bay) (As table G) GIS		70460.40
63	Providing survey & contouring, investigation of soil	L.S.	--
64	Design of foundation of equipments. Transformer plinth, Control room building (Departmental)	L.S.	--
65	Water Supply arrangement for C/Room and Switch Yard.(As per table H)	L.S.	48833.00
66	Water Supply arrangement for C/Room and Switch Yard.(As per table H) Hybrid		48833.00
67	Water Supply arrangement for C/Room and Switch Yard.(As per table H) Indoor	L.S.	36323.00
68	Water Supply arrangement for C/Room and Switch Yard.(As per table H) GIS		36323.00
69	Borewell including pumpset and allied accessories. (As per table I)	L.S.	73303.00
70	Borewell including pumpset and allied accessories. (As per table I) Hybrid		73303.00
71	Borewell including pumpset and allied accessories. (As per table I) Indoor	L.S.	73303.00
72	Borewell including pumpset and allied accessories. (As per table I) GIS		73303.00
73	Const.of cable trench with covers in S/Yard. (As per table J)	L.S.	285085.26
74	Const.of cable trench with covers in S/Yard. (As per table J) Hybrid		285085.26
75	Const.of cable trench with covers in S/Yard. (As per table J) Indoor	L.S.	106943.98
76	Const.of cable trench with covers in S/Yard. (As per table J) GIS		106943.98
77	Construction of retaining wall. (As per table K)	L.S.	647484.00
78	Construction of retaining wall. (As per table K) Hybrid		345788.00
79	Construction of retaining wall. (As per table K) Indoor	L.S.	336024.00
80	Construction of retaining wall. (As per table K) GIS		176281.00
81	10MVA Transformer Plint, firewall, additional bay foundation & metal spreading (As per table L)	L.S.	575937.20
82	10MVA Transformer Plint, firewall, additional bay foundation & metal spreading (As per table L) GIS		220691.90
<b>GENERAL ITEMS</b>			
1	Transformer Oil	KL	54392.19
2	Black bituminus paint	Ltr	60.00
3	Coal	Kg.	5.54
4	Danger Board in yard.	No	50.00
5	Electron Powder	Kg	10.17
6	Red Oxide Paint for 2 coats	Ltr	60.00
7	Salt	Kg	6.00
8	Silver paint	Ltr	100.00
9	L.Board with clamp	No	241.53



Sr. No.	NAME OF MATERIAL	UNIT	New 2018-19
10	Oil paint	Kg	301.41
11	Hiring of Welding machine	Nos.	225.00
12	Painting/Hardware & support with numbering of pole	L.S.	219.57
13	Painting of Supports & fabricated materials	L.S.	153.70
14	Backfilling of supports with Boulders.	No.	40.00
16	Brick & Masonary works for earthing pit	Nos.	1430.00
17	Earthing Replenishment for DTC	Set	11181.73
19	Earthing materials	L.S.	335.46
20	PVC pipe 110 mm dia 4Kg/sqcm pressure	Rmt	90.00
21	Re - earthing	No	69099.00
22	Earthing to equipment with Salt ,Coke, earthing strip Etc.	No	12299.90
23	Aluminium Paint for 1 coat	Ltrs	93.93
24	Bentonite clay	Kg.	10.99
25	Red Bricks	No.	2.42
26	Sand	Cum	210.13
27	Hand Gloves	Pairs	786
28	L.T.Spacers	Nos.	103.64
29	PVC Pipe 110 mm Dia 4 Kg/sqmm	Mtr.	96.61
30	Welding Rods	Nos.	2.42
<b>DTC METERING</b>			
1	DTC Metring with Box, single core L.T. XLPE cable (16 sq.mm., 120 mtr length) and other allied material.	LS	10007.01
2	DTC Metring with Box, single core L.T. XLPE cable (35 sq.mm., 120 mtr length) and other allied material.	LS	11954.61
3	DTC Metring with Box, single core L.T. XLPE cable (70 sq.mm., 120 mtr length) and other allied material.	LS	14661.81
4	DTC Metring with Box, single core L.T. XLPE cable (185 sq.mm., 200 mtr length) and other allied material.	LS	23055.81
5	DTC Metring with Box, single core L.T. XLPE cable (300 sq.mm., 280 mtr length) and other allied material.	LS	30871.41
6	DTC Metring with Box, single core L.T. XLPE cable (300 sq.mm., 320 mtr length) and other allied material for 630 KVA	LS	54564.21
7	DTC Metring with Box, single core L.T. XLPE cable (300 sq.mm., 320 mtr length) and other allied material for 995 KVA	LS	78257.01
<b>SUNDRIES.</b>			
1	Sundries such as N/B, Washers, Welding etc.	L.S.	2750.00
2	Sundries e.g. Ferulls, Glands, Lugs etc.	L.S.	2750.00
3	Sundries	L.S.	770.00
4	Miscellaneous material	LS	450.00
5	Misc. for XLPE U/G Cable	LS	1000.00
6	Sundries such as Civil Work, Foundation Earthing glands etc.	L.S.	12076.27
7	Sundries Nutbolts, Binding Tapes wire etc.	LS	18000.00
8	Misc. ( Bricks,sand,tremination kit and etc.)	L.S.	24153.00
9	Misc. ( RCC Tiles/H.R.Pipe,sand,tremination kit and	L.S.	155894.00