

**Material Requirement for Repairs & Maintenance (R&M/O&M)
works for the year 2015-2016**

Sr. No.	Item Description	Unit	O&M Material State total
1	2	3	4
	Purchaser Group - IX / MMC		
1	All Aluminium Alloy Conductor 34 sq.mm.	Km	6838
2	All Aluminium Alloy Conductor 55 sq.mm.	Km	7015
3	All Aluminium Alloy Conductor 100 sq.mm.	Km	1432
4	G.I. Stay Wire 7/8 SWG	MT	1467
5	G.I. Stay wire 7/10 SWG	MT	1775
6	G.I. Wire 8 SWG	MT	972
7	G.I. Wire 10 SWG	MT	1051
8	G.I. Wire 6 SWG	MT	195
9	R.S.J. Poles 100 x 116 mm - 10 Mtr.	MT	6290
10	R.S.J. Poles 175 x 85 mm - 9 Mtr.	MT	6151
11	R.S.J. Poles 125 x 70 mm - 8 Mtr.	MT	8900
12	R.S.J. Poles 152 x 152 mm - (13.00 / 11.0 Mtr)	MT	3346
13	11 kV A.B. Switch	Set	20529
14	22 kV A.B. Switch	Set	1361
15	11 kV Horn Gap fuse unit	Set	15261
16	22 kV Horn Gap fuse unit	Set	1630
	Purchaser Group - X / MMC		
1	Single Phase Meters 5-30A	No.	3584920
2	Pre-paid Single Phase Meters 10-40A	No.	146850
3	Three Phase Static Meters (KWH+KVA MD)10-40A	No.	656725
4	Three phase 40-200A Meter with Inbuilt CT & Modem	No.	33137
5	HT TOD Meters -/5A & -/1A	No.	4591
6	LT CT Operated Electronic Meter 50/5A	No.	17355
7	LT CT Operated Electronic Meter 100/5A	No.	18909
8	CT Operated Metering Cabinet 50/5A	No.	17857
9	CT Operated Metering Cabinet 100/5A	No.	18343
10	CT Operated Tri-vector Energy Meter 150/5A for DTC	No.	11136
11	CT Operated Tri-vector Energy Meter 200/5A for DTC	No.	12016
12	L.T. Dist. Box 63 KVA	No.	26433
13	L.T. Dist. Box 100 KVA	No.	39086
14	L.T. Dist. Box 200 KVA	No.	11442
15	L.T. Dist. Box 315 KVA with MCCB / Kitkat	No.	3880

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	Purchaser Group - XI / MMC		
1	W.P. Wire 1.5 mm ² T/C 1100 V Grade	Coil	46564
2	W.P. Wire 2.5 mm ² T/C 1100 V Grade	Coil	127967
3	W.P. Wire 4 mm ² T/C 1100 V Grade	Coil	95265
4	W.P. Wire 10 mm ² T/C 1100 V Grade	Coil	47199
5	L.T. PVC Armoured cable 2C 16 Sq.mm	Km	751
6	L.T. PVC Armoured cable 4C 16 sq.mm.	Km	1227
7	L.T. PVC Armoured cable 3.5C 35 sq.mm.	Km	720
8	L.T. PVC Armoured cable 3 1/2 C 50 sq.mm.	Km	1073
9	L.T. XLPE Armoured cable 3.5C X 70 sq.mm.	Km	1632
10	L.T. XLPE Armoured cable 3.5C X 120 sq.mm.	Km	2601
11	L.T. XLPE Armoured cable 3.5C X 185 sq.mm.	Km	922
12	L.T. XLPE Armoured cable 3.5C X 300 sq.mm.	Km	513
13	L.T. XLPE Unarmoured cable 1C X 50 sq.mm.	Km	1028
14	L.T. XLPE Unarmoured cable 1C X 70 sq.mm.	Km	841
15	L.T. XLPE Aerial Bunched cable 3 X 50 + 16 + 35 sq.mm.	Km	1035
16	L.T. XLPE Aerial Bunched cable 3 X 70 + 16 + 50 sq.mm.	Km	1269
17	L.T. XLPE Aerial Bunched cable 3 X 120 + 16 + 70 sq.mm.	Km	1143
18	XLPE Cable 11 kV 3C 35 sq.mm.	Km	87
19	XLPE Cable 11 kV 3C 50 sq.mm.	Km	110
20	XLPE Cable 11 kV 3C 95 sq.mm.	Km	498
21	XLPE Cable 11 kV 3C 185 sq.mm.	Km	512
22	XLPE Cable 11 kV 3C 240 sq.mm.	Km	283
23	XLPE Cable 11 kV 3C 300 sq.mm.	Km	228
24	XLPE Cable 22 kV 3C 95 sq.mm.	Km	78
25	XLPE Cable 22 kV 3C 185 sq.mm.	Km	86
26	XLPE Cable 22 kV 3C 300 sq.mm.	Km	142
27	XLPE Cable 33 kV 3C 300 sq.mm.	Km	696
28	11 kV Pin Insulator	No.	171996
29	22 kV Pin Insulator	No.	15304
30	33 kV Pin Insulator	No.	68630
31	Disc Insulator 11 kV 45 KN	No.	112146
32	Disc Insulator 11 kV 70 KN	No.	113280

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Sr. No.	Item Description	Unit	O&M Material State total
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Purchaser Group - XII / MMC			
1	Dist. Transformer 11/0.43 KV, 63 kVA	No.	8643
2	Dist. Transformer 11/0.433 kV, 100 kVA	No.	15116
3	Dist. Transformer 11/0.43 KV OD 200 KVA	No.	2497
4	Dist. Transformer 11/0.43 KV OD 315 KVA	No.	605
5	Dist. Transformer 11/0.43 kV ID 315 KVA	No.	145
6	Dist. Transformer 11/0.43 kV ID 630 KVA	No.	94
7	Dist. Transformer 11/0.43 KV OD 630 KVA	No.	91
8	Dist. Transformer 22/0.43 KV 63 KVA	No.	683
9	Dist. Transformer 22/0.43 KV 100 KVA	No.	1466
10	Dist. Transformer 22/0.4 kV OD 200 KVA	No.	457
11	Dist. Transformer 22/0.4 kV OD 315 KVA	No.	255
12	Dist. Transformer 22/0.4 kV ID 630 KVA	No.	55
13	Dist. Transformer 22/0.4 kV OD 630 KVA	No.	197
14	Dist. Transformer Single Phase 15 KVA	No.	3589
15	Dist. Transformer Single Phase 25 KVA	No.	8055
16	Transformer Oil	KL	7479
17	11 KV metering cubical with ratio 5/5A	Set	527
18	11 KV metering cubical with ratio 10/5A	Set	624
19	11 KV metering cubical with ratio 25/5A	Set	444
20	11 KV metering cubical with ratio 50/5A	Set	342
21	11 KV metering cubical with ratio 100/5 A	Set	283
22	22KV metering cubical with ratio 5/5A	Set	127
23	22KV metering cubical with ratio 10/5A	Set	94
24	22KV metering cubical with ratio 25/5A	Set	64
25	22KV metering cubical with ratio 50/5A	Set	98
Purchaser Group - XIII / MMC			
1	Power Trans.33/11 KV 5 MVA	No.	127
2	Power Trans.33/11 KV 10 MVA	No.	37
3	Power Trans.33/22 KV 5 MVA	No.	0
4	Power Trans.33/22 KV 10 MVA	No.	1
5	Power Trans.22/11 KV 10 MVA	No.	3
6	11kV 250 MVA OD switchgear comprising of one incomer and 3 single feeders with associated OD panels	Set	115
7	33 KV VCB 1600 A	No.	334
8	C&R Panels for 33 KV Transformers with 1 Amp Relays without differential Protection	Set	201
9	C&R Panels for 33KV transformers with differential Protection	No.	170
10	33 kV Current Trans.400-200-100/1-1-1 A -3 core for protection	No.	1989
11	33 kV P.T. for sub-station	No.	2027
12	Isolator with EB 33 KV 800 A	Set	875
13	Isolator without EB 33 KV 800 A	Set	847
14	C & R Panel for 33 KV Single Feeder with 1 Amp Relays (30V DC)	No.	186
15	11 KV Indoor Switchgear with C & R Panels (2 I/C + 1 B/C + O/G) 500MVA	Set	106