

**ENE51-TRM0MISC/58/2023-EE1**

**TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED**

**VIDYUT SOUDHA :: VIJAYAWADA**

APTRANSCO – Standard Schedule of Rates for material items for adoption in Construction, RMI and O&M works pertaining to 220kV & 132kV Transmission lines and substations for the year 2023-24 -Communicated – Reg.

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**T.O.O. No. Chief Engineer (Transmission) Ms.No.2920**

**Dt.17.08.2023**

Read the following: -

Ref :-T.O.O (CE-Transmission) M.S. No.2538, dated 19.08.2022

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APTRANSCO is periodically communicating Standard Schedule of rates for material items for Construction, RMI and O&M works pertaining to 220kV & 132kV Transmission lines and substations for adoption in preparation of estimates. Accordingly, the SSR communicated earlier in the above reference is revised for material rates and communicated herewith.

**ORDER**

Standard Schedule of Rates for material items for Construction, RMI and O&M works pertaining to 220kV & 132kV Transmission lines and substations for the year 2023-24 approved by Transmission Corporation of Andhra Pradesh is communicated herewith for adoption in preparation of estimates.

The standard scheduled of Rates for the year 2023-24 will come into force from the date of issue of this T.O.O and shall be valid till further orders. The SSR 2023-24 (Material) is available in the APTRANSCO website.

This order is issued in concurrence with the Chairman and the Managing Director/APTRANSCO vide **Computer No: 2161099 File No: ENE51-TRM0MISC/58/2023-EE1**.

(BY ORDER AND IN THE NAME OF TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED)

A K V Bhaskar  
Director (Grid, Transmission & Management)



**STANDARD SCHEDULE OF RATES OF  
MATERIAL RATES FOR 220kV & 132kV  
TRANSMISSION LINES AND SUBSTATIONS  
FOR THE YEAR 2023-24**

**PREAMBLE**

- 1.** Steel rates for structural steel and Tower parts are to be taken from monthly steel rates issued by APTRANSCO. The steel rates are FADS Price which are to be added with transportation charges from Manufacturer (Hyderabad) site to destination site/ store in preparation of estimates.
- 2.** The rates of other material are exclusive of freight and hence 3% Freight shall be added to the material rates in preparation of estimate.
- 3.** The other taxes are applicable as per latest government taxation rules.
- 4.** The SSR 2023-24 Material rates are in force until new SSR for materials issued.
- 5.** The MS and GI flats rates shall be kept as Schedule-A item.

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<b><u>MATERIAL/EQUIPMENT RATES FOR 220KV &amp; 132KV SUBSTATIONS &amp; LINES</u></b>				
<b>Sl.No.</b>	<b>SAP Code</b>	<b>Description of material</b>	<b>Unit</b>	<b>SSR 2023-24 in Rs.</b>
<b>Circuit Breakers</b>				
1	10001372	220kV Circuit Breakers, SF6, 3pole, 3150A, 50KA	Nos	13,60,000
2	10001377	132kV Circuit Breakers, SF6, 3pole, 3150A, 40KA	Nos	5,70,000
3	10001358	33kV, 2000A, 20KA, Vaccum outdoor circuit breaker	Nos	2,57,500
<b>Instrument Transformers</b>				
4	10001198	220kV CT (1600-800-500/1-1-1-1-1A)	Nos	3,75,000
5		220 KV CT (150-100/1-1-1-1-1)	Nos	3,60,000
6		220 KV CT 600/1	Nos	3,65,000
7		220 KV CT 400/1	Nos	3,65,000
8		220 KV CT 200/1	Nos	3,60,000
9	10001250	132kV CT (800-600-500/1-1-1A)	Nos	2,96,667
10		132 KV CT 300/1	Nos	1,65,000
11		133 KV CT 200/1	Nos	1,65,000
12	10001271	132 KV CT 150/1	Nos	1,65,000
13	10001100	33 kV CTs(2000-1200-800/1-1-1-1A)	Nos	77,900
14	10001108	33 kV CTs (400/1-1 A)	Nos	34,950
15	10001326	220kV PTs (25mm/kV)	Nos	3,50,000

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16		220kV PTs (31mm/kV)	Nos	3,62,500
17	10001329	132kV PTs (25mm/kV)	Nos	1,35,850
18		132kV PTs (31mm/kV)	Nos	1,55,000
19	10001320	33kV PTs (25mm/kV)	Nos	35,750
20		33kV PTs (31mm/kV)	Nos	55,000
21	10001301	220kV CVTs-3 core (25mm/kV)	Nos	2,48,675
22		220kV CVTs-3 core (31mm/kV)	Nos	2,69,925
23		220 kV CVT (31mm/kV Polymer Insulator)	Nos	3,24,850
24	10001303	132kV CVTs (25mm/kV)	Nos	1,48,500
25		132kV CVTs (31mm/kV)	Nos	1,62,250
<b>LAs</b>				
26	10003102	220kV LAs(Porcelene)	Nos	56,750
27		220kV LAs(Polymer)	Nos	75,900
28	10003105	132kV LAs(Porcelene)	Nos	40,000
29		132kV LAs(Polymer)	Nos	48,500
30	10003108	33kV LAs(Porcelene)	Nos	4,210
31	10003109	33kV LAs(Polymer)	Nos	9,060
<b>Isolators &amp; Solid core Insulators</b>				
32	1002580	220kV, 2500A,50KA HDB Isolator with earth switch (Metallic portion)	Nos.	5,21,000
33	10002581	220kV, 2500A,50KA HDB Isolator with out earth switch (Metallic portion)	Nos.	4,18,167
34	10002590	220kV 1600A Isolators without E/S (Metallic Portion)	Nos	2,91,500

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35	10002588	220kV 1600A Isolators with E/S (Metallic Portion)	Nos	3,98,000
36		220kV 1200A Isolators with out E/S (Metallic Portion)	Nos	2,34,000
37	10002592	220kV 1200A Isolators with E/S (Metallic Portion)	Nos	3,74,000
38	10002594	220kV 800A Isolators without E/S (Metallic Portion)	Nos	1,65,413
39	10002593	220kV 800A Isolators with E/S(Metallic Portion)	Nos	2,34,713
40	10002631	132kV 800A Isolators with E/S(Metallic Portion)	Nos	1,56,265
41	10002632	132kV 800A Isolators without E/S(Metallic Portion)	Nos	1,06,246
42	10002501	33 kV Isolators-2000A (Metallic Portion)	Nos	1,18,500
43	10002503	33 kV Isolators-1200A(Metallic Portion)	Nos	87,000
44	10002504	33 kV Isolators-800 A(Metallic Portion)	Nos	63,900
<b>Solid core Insulators</b>				
45	10007518	220kV Solid core insulators (with creepage 25 mm/KV)	Nos	17,800
46	10007517	220kV Solid core insulators (with creepage 31 mm/KV)	Nos	26,000
47	10007528	132kV Solid core insulators (with creepage 25mm/KV)	Nos	8,667
48	10007528	132kV Solid core insulators (with creepage 31mm/KV)	Nos	10,644
49	10007535	33kV Solid core insulators (with creepage 25mm/KV)	Nos	2,050
<b>Power and Control Cables</b>				
50	10003211	2CX2.5 Sq.mm unarmoured copper control cable	Km	60,129
51	10003217	4CX2.5 Sq.mm unarmoured copper control cable	Km	92,842

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52	10003223	6CX2.5 Sq.mm unarmoured copper control cable	Km	1,51,493
53	10003228	10CX2.5 Sq.mm unarmoured copper control cable	Km	2,19,776
54	10003230	12CX2.5 Sq.mm unarmoured copper control cable	Km	2,58,492
55	10003389	3.5CX120 Sq.mm Al. power cable	Km	3,92,678
56	10003408	3.5CX50 Sq.mm Al. power cable	Km	2,25,306
57	10003365	3.5CX95 Sq.mm Al. power cable	Km	3,76,919
<b>Insulators</b>				
58	10007604	220kV 70KN SRC Insulators	Nos	4,100
59	10007603	220kV 120KN SRC Insulators	Nos	4,300
60	10007607	132kV 70KN SRC Insulators	Nos	2,860
61	10007605	132kV 120KN SRC Insulators	Nos	3,075
62	10007514	70KN Porcelain normal Disc Insulators	Nos	406
63	10007512	120KN Porcelain normal Disc Insulators	Nos	688
64	10007509	160KN Porcelain normal Disc Insulators	Nos	700
65	10007513	70KN Antifog Disc Insulators (Creepage dist.435mm)	Nos	725
66	10007510	120KN Antifog Disc Insulators (Creepage dist.435mm)	Nos	788
67		120KN Antifog Disc Insulators (Creepage dist.475mm)	Nos	950
68	10007508	160KN Porcelain Antifog Disc Insulators with Zinc Sleeve 470mm creepage	Nos	1,288
<b>Conductors</b>				
69	10010101	ACSR Panther conductor	Km	1,88,538
70	10010103	ACSR Moose Conductor	Km	4,34,893
71	10010102	ACSR Zebra Conductor	Km	3,29,500

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72		ACSS(TW)Zebra Conductor	Km	4,58,601
73		ACSS(RW)Zebra Conductor	Km	4,65,279
74		ACSS(TW) Moose Conductor	Km	5,64,061
75		ACSS(RW) Moose Conductor	Km	5,70,138
76		ACSS(RW) Panther	KM	2,68,494
77		ACSS(TW) Panther	KM	2,63,092
78	10010115	AL-59 Zebra Conductor	Km	3,49,417
79		AL-59 Moose Conductor	Km	4,41,691
80		AL-59 Panther Conductor	Km	2,36,300
81	10010176	7/3.15mm HTGS wire	Km	35,063
82	10007650	Bolts &Nuts	MT	1,08,263
		<b>ACSR Panther Conductor Hardware &amp; Accessories</b>		
83	10007079	Double suspension H/W (AGS type) for Panther conductor	Nos	4,579
84	10007106	Single Suspension H/W for Panther (Pilot)	Nos	1,466
85	10007102	Single Suspension H/W (AGS-FAH) Panther ACSR	Nos	2,218
86	10007103	Single Suspension H/W (AGS -AAH) for Panther ACSR	Nos	2,380
87	10007032	Double Tension H/W for Panther ACSR	Nos	4,156
88	10007052	Single Tension H/W for Panther ACSR	Nos	2,006
89	10007205	Mid Span Compression joints for Panther	Nos	498
90	10007278	Vibration dampers for Panther ACSR	Nos	557
91	10007223	Repair sleeves for Panther conductor	Nos	243

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<b>ACSR Moose Conductor Hardware &amp; Accessories</b>				
92	10007089	Single Suspension H/W (AAH type) for Moose Conductor	Nos	4,286
93	10007028	Double Tension H/W suitable for Moose	Nos	6,231
94	10007037	Single Tension H/W suitable for Moose	Nos	3,580
95	10007074	Double suspension h/w (AGS type) for moose conductor	Nos	6,199
96	10007090	Single Suspension H/W (FAH) for Moose	Nos	4,125
97	10007085	Single Suspension H/W suitable for Moose (Pilot)	Nos	1,524
98	10007083	220kV Single suspension hardware for Twin moose	Nos	4,259
99	10007073	220kV Double suspension hardware for twin moose	Nos	6,090
100	10008562	Spacer clamps with 400mm spacing for twin moose	Nos	614
101	10008788	T clamps for twin moose to single moose with 400mm spacing	Nos	972
102	10007235	Suspension clamps suitable for twin Moose conductor for 220kV and 132kV	Nos	763
103	10007200	Mid Span Compression joints for Moose	Nos	1,135
104	10007218	Repair sleeves for Moose conductor	Nos	443
105	10007276	Vibration dampers for Moose conductor	Nos	1,036
106	10007301	Armour Rods for Moose ACSR conductor	Nos	2,026
107	10007292	Arcing Horns for Single suspension Moose	Nos	360
108	10007306	Arcing Horns for Single V-Suspension Moose	Nos	300
<b>ACSR Zebra Conductor Hardware &amp; Accessories</b>				
109		Double suspension H/W (AGS type) for Zebra conductor	Nos	5,687
110		Single suspension H/W for Zebra (Pilot)	Nos	1,483
111		Single suspension H/W (AGS-FAH) Zebra ACSR	Nos	2,699

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112		Single suspension H/W (AGS-AAH) for Zebra ACSR	Nos	2,889
113		Double Tension H/W for Zebra ACSR	Nos	5,173
114		Single Tension H/W for Zebra ACSR	Nos	2,717
115	10007309	Mid span compression joints for Zebra	Nos	861
116	10007277	Vibration dampers for Zebra ACSR	Nos	802
117	10007222	Repair sleeves for Zebra conductor	Nos	317
<b>7/3.15 mm Earth Wire</b>				
118	10007230	Suspension clamps for HTGS Earth Wire	Nos	555
119	10007246	Tension clamps for HTGS Earth Wire	Nos	554
120	10007279	Vibration dampers for HTGS Earth wire	Nos	442
121		Flexible copper bonds for earth wire.	Nos	531
122	10007230	Repair Sleeves	Nos	195
123	10007069	Tension hardware with earth bond	Nos	859
124	10007321	Suspension hardware with earth bond	Nos	836
125	10007209	Mid Span compression Joints for earth wire	Nos	114
<b>Tower Accessories</b>				
126	67500060	Number plates with Bolts &Nuts and Washers	Nos	208
127	67500058	Phase Plates with Bolts &Nuts and Washers	Set	244
128	67500055	Circuit plate with Bolts &Nuts and Washers	Nos	300
129	67500061	Danger Boards with Bolts &Nuts and Washers	Nos	231
130	67500042	Bird guards	Nos	250

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131	67500028	Anti-Climbing devices	Set	3,576
132	10007787	U Bolts 16mm	Nos	175
133	10007790	U Bolts 20mm	Nos	234
134	67500046	Hangers 132 KV	Nos	744
135	67500076	Hangers 220 KV	Nos	750
136	10008844	Armour Rods for Panther ACSR conductor	Nos	680
137	10007289 10007290	Arcing Horns for Panther ACSR conductor	Nos	550
<b>Substation Hardware &amp; Accessories</b>				
138		Double tension hardware suitable for Twin Moose		7,778
139		Double tension hardware suitable for Quad Moose		14,797
140		Single Suspension Hardware for Twin Moose		4,375
141		Double Suspension hardware for Quad Moose		8,100
142	10007039	5 bolted type single tension h/w for single moose / zebra conductor for 220kV & 132kV	Nos	2,375
143	10007029	5 bolted twin zebra / moose tension h/w 400mm spacing for 132/220kV bus	Sets	4,875
144	10007038	3 bolted type single tension h/w for single moose or zebra conductor for 33KV	Nos	1,723
145	10007036	3 bolted tension hardware for twin moose with 150mm spacing to 33KV bus	Nos	4,275
146	10008276	T Clamps for single Moose all three ways	Nos	825
147	10008918	T clamps for twin Moose T off single Moose with 150mm spacing	Nos	746
148	10008576	Spacer clamps with 150mm spacing for twin moose	Nos	413

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149	10008933	Post type insulators clamps for twin conductor for 220kV & 132kV	Nos	968
150	10008932	Post type insulators clamps for single conductor for 220kV & 132kV	Nos	688
151	10007526	Post type insulators clamps for twin conductor for 33KV	Nos	963
152	10008740	Post type insulators clamps for single conductor for 33KV	Nos	638
153	10008105	Pad type compressor clamp for GS Earth wire to 75/12 flat	Nos	110
154		Twin Moose pad clamps for breaker 400mm X 100mm X 100mm	Nos	1,890
155		Single Moose clamps for CVT	Nos	1,890
156		Single Moose pad clamps for Lightning Arrestor	Nos	1,890
157		Moose to Moose Ampact clamps ( C clamps)	Nos	2,100
158		T clamps suitable for ACSS Moose take off ACSR Moose	Nos	2,100
159		T clamps suitable for ACSS zebra conductor all 3 ways	Nos	2,100
160		Pad clamps for ACSS Zebra conductor 100X100X10mm	Nos	2,240
161		Spacer for Quad Moose conductor		1,250
162		CT Stud clamps for Moose Conductor	Nos	2,310
163		Pad clamps for ACSS Moose conductor	Nos	2,100
164		Post type insulator support clamp for twin conductor for 220 kV Bus long jumper	Nos	2,156
165		5 Bolted Twin Zebra / Moose Tension Hardware with 400mm spacing tor 220 kV Jack bus	Nos	2,450
166		PG Clamps suitable for ACSS Panther conductor	Nos	910
167		PG clamps suitable for ACSS Moose - Moose conductor	Nos	1,190
168		PG clamps suitable for ACSS Panther /Moose conductor	Nos	910
169		Zebra to Moose Ampact clamps (C clamps)	Nos	1,050

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170	10008106	Cleat type clamp for G.S. Earth wire	Nos	104
171	10008104	T clamp for GS Earth wire	Nos	413
172	10008865	Bolted earth wire tension clamp	Nos	738
173	10002935	Supply and fixing GI flexible earth bonds	Nos	330
174	10006608	Supply and erection of LED lamps (120W) with fixture	Nos	7,850
175	10009201	Marshalling Kiosk	Nos	28,402
176	10009209 10009210	CT Marshalling boxes(220/132/33KV)	Nos	5,479
177	10009214	PT Marshalling boxes(220/132/33KV)	Nos	7,302
178	10009228	LT Distribution box with MCCB	Nos	15,302
179	10009221 10009222	Lighting Pillar Box	Nos	11,032
180	10009701	CO2 portable fire extinguishers of 15 Lbs capacity without trolley and hose pipe	Nos	6,188
181	10009702	CO2 portable fire extinguishers of 50 Lbs capacity and hose pipe	Nos	25,438
182	10009713	DCP type fire extinguishers with horn and hose pipe 50Kg capacity, Trolley mounted	Nos	19,778
183	10009723	CO2 type portable fire extinguishers of 9 kgs capacity with trolley mounted	Nos	11,484
	<b>DG Set</b>			
184	10009957/10009958	15KVA DG set	Nos	2,29,130
185	10009956	25KVA DG set	Nos	2,89,786
186	10000712	33KV HG fuse set with insulators	Nos	17,662
187	70002757	MDF Board with 12mm thick 3x4 size with teak wood	Nos	7,876
188	10009464	Portable Twin Tube 20W emergency portable Lamp of make Philips or Bajaj	Nos	1,788

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189	10006558	SF6 gas cylinder of 50Kg capacity	Nos	41,580
190	10001937	SF6 gas cylinder of 25Kg capacity	Nos	24,475
191	10001940	SF6 gas cylinder of 11Kg capacity	Nos	12,815

A K V Bhaskar  
Director (Grid, Transmission & Management)

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<b>TELECOM Material</b>					
(Rates in Rs. without GST, F & I)					
<b>Sl.No.</b>	<b>SAP Code</b>	<b>Category</b>	<b>Name of the Item</b>	<b>UOM</b>	<b>Proposed rates in SSR 2023-24</b>
1	10011416	OPGW	OPGW 96F Capacity DWDM type Cable	Km	3,00,000
2	10011410	OPGW	Suspension Assembly suitable for 96F OPGW cable (Grounding clamps are part of suspension assembly)	No.	3,127
3	10011433	OPGW	Tension Assembly suitable for 96F OPGW cable (Dead End clamps and Grounding clamps are part of suspension assembly)	No.	3,578
4	10011435	OPGW	Vibration dampers suitable for 96F OPGW cable	No.	631
5	10011476 10011470	OPGW	OPGW 48 Fiber capacity DWDM type cable	Km	1,63,539
6	10011461 10011486	OPGW	Suspension Assembly suitable for 48F OPGW cable (Grounding clamps are part of suspension assembly)	No.	2,594
7	10011462 10011487	OPGW	Tension Assembly suitable for 48F OPGW cable (Dead End clamps and Grounding clamps are part of suspension assembly)	No.	2,612
8	10011464 10011489	OPGW	Vibration dampers suitable for 48F OPGW cable	No.	5,65
9	10011407	OPGW	OPGW 24 Fiber capacity DWDM type cable	Km	1,25,000
10	10011471	OPGW	Suspension Assembly (Grounding clamps are part of suspension assembly)	Set	2,594
11	10011472 10011423	OPGW	Tension Assembly (Dead end Clamps and Grounding clamps are part of Tension Assembly)	Set	2,612
12	10011459 10011422	OPGW	Vibration Dampers	No.	565
13	10011437	OPGW	96F Splice box (OPGW-OFAC)	No.	8,633
14	10011444	OPGW	96F Splice box (OPGW-OPGW)	No.	8,633
15	10011448	OPGW	96F 3 way Splice box (OPGW-OPGW-OPGW)	No.	9,700

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16	New Item	OPGW	96F 4 way Splice box (OPGW-OPGW-OPGW-OPGW)	No.	10,500
17	10011465	OPGW	48F Splice Box (OPGW-OFAC)	No.	7,517
18	10011466	OPGW	48F Splice Box (OPGW-OPGW)	No.	7,517
19	10011467 10011473	OPGW	48F 3 way Splice Box (OPGW-OPGW-OPGW)	No.	7,600
20	New Item	OPGW	48F 4 way Splice Box (OPGW-OPGW-OPGW-OPGW)	No.	10,075
21	10011456 10011479	OPGW	24F Splice box (OPGW-OFAC)	No.	6,567
22	10011457 10011482	OPGW	24F Splice box (OPGW-OPGW)	No.	6,567
23	10011458 10011421	OPGW	Down Lead Clamps	No.	289
24	10011442	ADSS	Fibre Optic Cable of ADSS type with DWSM, 24 fibre capacity	Km	1,37,718
25	10011471	ADSS	Suspension clamp sets (grounding clamps are part of suspension assembly) for ADSS cable	No.	3,500
26	10011472	ADSS	Tension clamp sets (dead end clamps and grounding clamps are part of tension assembly) for ADSS cable	No.	3,925
27	10011430	ADSS	Splice boxes (ADSS-OFAC)	No.	5,100
28	10011431	ADSS	Splice boxes (ADSS-ADSS)	No.	5,100
29	10011439	ADSS	Vibration Dampers Assembly for ADSS cable	No.	698
30	10011497	UG-OFC	UG O.F.Cable unarmoured 48 F DWSM type	Km	1,06,700
31	10011469	UG-OFC	UG O.F.Cable armoured 48 F DWSM type	Km	1,22,375
32	10011408	UG-OFC	UG O.F.Cable armoured 24 F DWSM type	Km	83,235
33	10011447	UG-OFC	UG O.F.Cable unarmoured 24F DWSM type	Km	95,700
34	10011432	UG-OFC	Splice boxes 48 F U/G (Joint closures)	No.	8,938
35		UG-OFC	Splice boxes 24 F U/G (Joint closures)	No.	8,678
36	10011971	UG-OFC	HDPE DUCT of 40/33 mm dia of standard Make for UG cable	km	89,899

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37	10011972	UG-OFC	RCC Chambers (120/76/5)cm W/L/T with base and top plates for every 0.5 Km	Each	6,771
38	10011474	OLTE	Fibre distribution panels for termination of Fibres of 96 F capacity	No.	45,694
39	10011692	OLTE	Fibre distribution panels for termination of Fibres of 48 F capacity	No.	25,000
40	New Item	OLTE	Fibre distribution panels for termination of Fibres of 96 F capacity with rack	No.	2,75,000
41	New Item	OLTE	Fibre distribution panels for termination of Fibres of 48 F capacity with rack	No.	1,74,750
42	10011469	OLTE	Fibre approach cable (DWSM) of 48 Fibre capacity with HDPE pipe	Km	1,47,288
43	10011408	OLTE	Fibre approach cable (DWSM) of 24 Fibre capacity with HDPE pipe	Km	1,07,800
44	10011743	OLTE	Fibre approach cable (DWSM) of 96 Fibre capacity with HDPE pipe	Km	2,20,000
45	New Item	OLTE	Fibre approach cable (DWSM) of 48 Fibre capacity.	Km	1,20,000
46	New Item	OLTE	Fibre approach cable (DWSM) of 24 Fibre capacity.	Km	1,00,000
47	10011694	OLTE	SDH STM- 4/16 analyzer with optical and electrical interfaces	No.	7,89,768
48	70000317	OLTE	Fusion Splicing Machine (FSM) along with standard accessories	No.	2,23,689
49	10012199	OLTE	Opticall Time Domain Reflector (OTDR) (distance up to 150Km)	No.	5,79,636
50	10004917	OLTE	Optical Power Meter	No.	97,621
51	10011802	OLTE	Optical Laser Source	No.	1,46,667
52	10011655	OLTE	OFC tool kit consisting of Fibre stripping tool and tools for cutting and stripping of sheathing, jacket armouring of OFAC/ADSS/OPGW cables including two binoculars	Set	1,43,932
53	10011566	VOIP	VO IP SIP enabled instrument	No.	6,000
54	10010901	EPAX	EPAX (32/32) with 2E1 cards wired for 128 ports	No.	2,52,474
55	10010902	EPAX	EPAX (32/32), 128 universally wired ports	No.	2,27,079

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56	10010924	EPAX	EPAX (16/16) with 2E1 cards wired for 128 ports	No.	2,00,443
57	10010952	EPAX	EPAX (16/16), 128 universal ports fully wired	No.	1,58,890
58	10010907	EPAX	EPAX (8/8), 128 universal ports fully wired.	No.	1,19,166
59	10010931	EPAX	Spares for EPAX (32/32) with 2E1 cards wired for 128 ports	Set	76,725
60	10010932	EPAX	Spares for EPAX (32/32), 128 universally wired ports	Set	65,725
61	10010926	EPAX	Spares for EPAX (16/16) with E1	Set	73,333
62	10010927	EPAX	Spares for EPAX (16/16) without E1	Set	65,725
63	10010939	EPAX	Spares for EPAX (8/8)	Set	49,500
64	10010989	EPAX	EPB Telephone	No.	850
65	10011902	Cables	125 Ohms Co-axial Cable	Km	1,09,014
66	10005696	Cables	25 Sq.mm Battery cable	Km	4,22,540
67	10011907	Cables	20 pair Armoured jelly filled copper telephone Cable	Km	1,92,236
68	10011913	Cables	10 pair Armoured jelly filled copper telephone Cable	Km	81,084
69	10011919	Cables	6 pair PVC copper telephone Cable	Km	37,637
70	10011925	Cables	Single pair PVC copper telephone Cable	Km	7,111
71	10003263	Cables	2.5 Sq.mm, 4 Core Un-armoured Copper cable	Km	1,02,126
72	10003262	Cables	2.5 Sq.mm, 2 Core Un-armoured Copper cable	Km	62,000
73	10011965	Cables	Cat 6 cable (305 mtrs each box)	Box	6,056
74	10010701	PLCC	Twin channel PLCC terminal (40W)	No.	3,13,500
75	10010705	PLCC	Single channel PLCC terminal ( 20 W)	No.	1,59,980
76	10011058	PLCC	Analog protection coupler	No.	1,09,603

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77	10010738	PLCC	Phase to Phase coupling unit	No.	86,500
78	10010744	PLCC	Phase to Ground coupling unit	No.	51,614
79	10010709	PLCC	Digital PLCC terminal	No.	8,63,559
80	10011027	PLCC	Digital protection coupler for DPLCC	No.	2,84,107
81	10010601	PLCC	2000A/1.0 mH Wavetrap along with pedestal mounting and insulator stack.	No.	5,72,068
82	10010605	PLCC	1250A/0.5 mH Wavetrap along with mounting Pedestal and insulator stack.	No.	2,13,620
83	10010613	PLCC	630A/0.2 mH Wavetrap along with accessories suitable for suspension mounting.	No.	13,5250
84	10010713	PLCC	Spare set for Twin channel PLCC Terminal	Set	2,60,000
85	10010720	PLCC	Spares for single channel PLCC terminal	Set	1,07,487
86	10011059	PLCC	Spares for analog protection coupler	Set	96,804
87	10010709	PLCC	Spares for Digital PLCC terminal	Set	6,60,106
88	10011053	PLCC	Spares for digital protection coupler for DPLCC	Set	2,11,283
89	70001996	PLCC	FSK Modem	No.	90,200
90	70001525	PLCC	Earth Megger	No.	19,234
91	10012151	PLCC	Selective Level Oscillator	No.	3,21,639
92	10012162	PLCC	Selective Level meter	No.	4,21,850
93	10009859	AC unit	2 Ton 3 Star Inverter type Split AC unit alongwith 5 KVA Stabilizer including stand for outdoor unit and copper kit with cable	No.	48,914
94	10009812	AC unit	1.5 Ton 3 Star Inverter type Split AC unit alongwith 4 KVA Stabilizer including stand for outdoor unit and copper kit with cable	No.	39,925
95	10005121	Tool Kit	4 1/2 Digit true RMS digital Multimeter	No	39,966

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96	10012175	Tool Kit	Medium Size Tool kit 1)Screw Driver with detachable bits (Taparia) 2) Spnner set 3) Cutting Piller 4) No.e plier 5) Wire Stripper 6) 25Watt Soldering Iron 8)50 Watt Soldering Iron 8) Crimping Tool 4/6/8 pin 9)3 1/2 Digit Multimeter with briefcase	No.	31,000
97	10011630	Switch	8 Port 10/100Mbps Unmanaged Ethernet Switch	No.	1,056
98	70001733	Switch	24 Port 10/100Mbps Unmanaged Ethernet Switch	No.	2,983
99	10011701	Media Converter	10/100/1000Mbps Optical Media Converter 20Km range	No.	4,180
100	10011704	Media Converter	10/100/1000Mbps Optical Media Converter 40Km range	No.	6,660

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