

S. No.	Name of the Product	IR/GR/SR/Stand ard No.	TA/IA/CA	Category of Test Fees.	Restricted for approval	Division
1	Wired Access Network	GR/ANW-01 / 02. FEB06	TA	4	Not restricted	SW
2	CDOT Access Network Based on 256P RAX	GR/ANW-3/01.NOV02	TA	4	Not restricted	SW
3	Air Raid Precaution Equipment (ARP)	GR/ARP-01/02.OCT93	TA	5	Not restricted	SW
4	Compact MDF	GR/CMD-01/01.FEB 00	TA	5	Not restricted	SW
5	Centralised Operation and Maintenance Centre for C-DOT 256P Rural Automatic Exchange (COMaC)	GR/COM-01/01.DEC00	Restricted (Not for Type approval)	6	Restricted	SW
6	Digital Transit Switch With Operator Subsystem	GR/CTE-01/07.APR2003	TA	7	Not restricted	SW
7	Extra-Large-Size Digital Local cum Tandem Exchanges	GR/ELL-01/02.MAR2004	TA	10	Not restricted	SW
8	Extra-Large-Size Digital Trunk Automatic Exchanges (TAX)	GR/ELT-01/02.MAR2004	TA	10	Not restricted	SW
9	Element Management System	TEC/GR/SW/EM S-001/02/NOV.2009	TA	3	Not restricted	SW
10	Electronic Private Wire Relay Set (Physical & Channel)	GR/ERS-01/02.AUG94	TA	4	Not restricted	SW
11	Electronic L/D Subscriber Line R/S AT Subscriber End & At Auto Exchange end	GR/ERS-02/02.AUG94	TA	4	Not restricted	SW
12	Electronic Auto Manual Relay Set	GR/ERS-06/02.AUG94	TA	4	Not restricted	SW
13	Electronic 2W/4W Relay Set	GR/ERS-07/02.AUG94	TA	4	Not restricted	SW
14	Fraud Management and Control Centre	TEC/GR/SW/FM C-001/03/MAR-2010	TA	9	Not restricted	SW
15	Light Weight Operators Head Gear Set & Plug 4 Way Single Pin	GR/HGS-01/03.AUG94	TA	5	Not restricted	SW
16	Integrated Access Device	TEC/GR/SW/IAD -001/02/MAR-	TA	4	Not restricted	SW

		2010				
17	ISDN Handheld Tester	GR/IHT-01/02.APR2004	TA	4	Not restricted	SW
18	Intelligent Network System And Service Description	GR/INS-01/04.MAR2006	TA	NA	Not restricted	SW
19	ISDN Protocol Tester	GR/IPT-01/02.APR2004	TA	5	Not restricted	SW
20	IP Multi Media System Based on TISPAN Architecture	TEC/GR/SW/ITA-001/02/MAR-2010	TA	10	Not restricted	SW
21	Monitoring Equipment for lawful interception of PSTN/PLMN	GR/LIM-01/02.MAR2005	Not for TA	NA	Not restricted	SW
22	Requirements of Switching Systems and Mediation Equipment for lawful interception and Monitoring	GR/LIS-01/02.MAR2005	Part of SW System	NA	Not restricted	SW
23	Long Line Equipment	GR/LLE-01/03.DEC91	TA	5	Not restricted	SW
24	Large Size Digital Local cum Tandem Exchange (VOL.I & VOL II)	GR/LLT-01/06.APR2007	TA	10	Not restricted	SW
25	CDOT MAX-L (Local cum Tandem cum Transit)	GR/LLT-02/02.SEP95	Restricted/T A limited to Vendors with TOT from CDOT	7	Not restricted	SW
26	C-DOT MAX-XL (Local cum Tandem)	GR/LLT-03/03 FEB2001	Restricted/ T A limited to Vendors with TOT from CDOT	8	Restricted	SW
27	C-DOT MAX(XL) 300K (LOCAL CUM TANDEM) (REVIVED ON 3/5/2002)	GR/LLT-03/02.MAR99	Restricted/ T A limited to Vendors with TOT from CDOT	8	Restricted	SW
28	CDOT MAX-XL (800K) (Local cum Tandem)	GR/LLT-04/01.AUG99	Restricted/ T A limited to Vendors with TOT from CDOT	8	Restricted	SW
29	Line Media Gateway	GR/LMG-01/02.SEP2007	TA	4	Not restricted	SW
30	Medium Size Digital Local cum Tandem cum Transit Exchanges (Vol I & II)	GR/MLT-01/03.SEP2002	Restricted	6	Not restricted	SW

31	C-DOT SBM Exchange (Local Cum Tandem Cum Transit) (Amendment No.1 Dated 31/08/2001)	GR/MLT-02/03.MAY99	Restricted/ T A limited to Vendors with TOT from CDOT	6	Not restricted	SW
32	C-DOT SBM (TAX)	GR/MLT-03/02.SEP95	Restricted/ T A limited to Vendors with TOT from CDOT	6	Not restricted	SW
33	Alternative Input Output storage for MITRA 225 OMC and DSF for E10B exchanges	GR/MTU-01/01.DEC2000	TA	5	Not restricted	SW
34	Network Management System for Curcuit Switched Network	GR/NMC-01/01.APR2004	TA	6	Not restricted	SW
35	ISDN Network Termination (NT1)	GR/NT1-01/03.MAY2005	TA	4	Not restricted	SW
36	Push Button Dialler	GR/PBD-01/02.AUG94	TA	5	Not restricted	SW
37	Interface Requirement of Digital Exchange with STM-1 Interface (Amendment No.1 dated 23/08/2005, Amendment No.2 dated 21/08/2007)	IR/PNI-04/01.JUL2004	IA	6	Not restricted	SW
38	Personalized Ring Back Tone System for PSTN	GR/PRT-01/01.SEP2006	TA	6	Not restricted	SW
39	Remote Switching Equipment	GR/RSE-01/03.OCT2004	TA	----	Restricted	SW
40	SIP Application Server	TEC/GR/SW/SAS-001/02 NOV-2009	TA	6	Not restricted	SW
41	Session Border Controller	TEC/GR/SW/SB C-001/03/NOV.2009	TA	3	Not restricted	SW
42	Subscriber Line Maintenance and Service System	GR/SLM-01/03.AUG94	TA	6	Not restricted	SW
43	Small Size Digital Local cum Tandem Exchanges	GR/SLT-01/03.JUL2003	TA	6	Restricted	SW
44	C-DOT 256 Port RAX	GR/SLT-03/02.SEP95	TA	6	Restricted	SW
45	Short-Message Service Centre for PSTN/ISDN	GR/SMS-02/01.JAN2003	TA	9	Not restricted	SW

46	Stand-Alone Signalling Transfer Point (STP)	GR/STP-01/02.MAY2007	TA	8	Not restricted	SW
47	Integrated Signalling Transfer Point (STP)	GR/STP-02/02.MAY2007	TA	NA	Not restricted	SW
48	Digital Network Synchronisation Equipment (Integrated in the Switch)	GR/SYN-01/02.MAY2003	TA	NA	Not restricted	SW
49	Stand Alone Synchronisation Equipment (SASE)	GR/SYN-02/02.MAY2003	TA	6	Not restricted	SW
50	Primary Reference Clock Cesium Frequency Standard	GR/SYN-03/02.OCT2005	Validation/TA	6	Not restricted	SW
51	CDOT NSE2 Ver.2.0 (Network Synchronisation Equipment)	GR/SYN-05/01.MAY99	TA	6	Not restricted	SW
52	CDOT NSE4 Ver.2.0 (Network Synchronisation Equipment)	GR/SYN-06/01.MAY99	TA	6	Not restricted	SW
53	Digital Network Synchronisation Equipment (Stand Alone)	GR/SYN-07/01.MAY2003	TA	6	Not restricted	SW
54	Time Announcing System	GR/TAS-01/02.AUG94	TA	5	Not restricted	SW
55	Large Size Digital Trunk Automatic Exchanges (Vol.I&II)	GR/TAX-01/04.MAY05	TA	10	Not restricted	SW
56	C-DOT TAX-XL (300K) (for Level-2 Tax)	GR/TAX-02/02.MAY00	TA	8	Restricted	SW
57	PSTN Call Generator	GR/TCS-01/04.FEB2003	TA	5	Not restricted	SW
58	CDOT Call Generator	GR/TCS-02/04.FEB2003	TA	5	Not restricted	SW
59	Unified Messaging System	GR/UMS-01/02.APR2005	TA	9	Not restricted	SW
60	Voice Mail System (VMS)	GR/VMS-01/02.APR2003	TA	9	Not restricted	SW
61	Service Requirements for Analogue Subscribers	SR/ASF-01/04.APR.2008	TA	Attached to LLT	Not restricted	SW
62	Softswitch for Local & Transit Wireline Application	GR/SW/NGN-LTS/01/JAN-09	TA	10	Not restricted	SW
63	Services for NGN Subscribers	SR/NSF-SU2/01/JAN-09	TA	Attached to LTG	Not restricted	SW
64	Network Protocol Analyzer	GR/SW/NPA-001/01/JAN09	TA	6+5*1 (MAX)	Not restricted	SW

65	Line Media Gateway	GR/SW/LMG-1/01/JAN09	TA	4 (Type I & II) 5 (Type III)	Not restricted	SW
66	GR of Private Automatic Branch Exchange (PABX)	GR/SW/PBX-CPA/01/FEB-09	TA	4,5 & 6	Not restricted	SW
67	Trunk Media Gateway	GR/SW/TMG-01/03/MAR-09	TA	8	Not restricted	SW
68	GR of Signalling Gateway	GR/SG/SGW-001/02/MAR09	TA	10	Not restricted	SW
69	GR on Media Server	GR/SW/MDS-001/02/MAR09	TA	6	Not restricted	SW
70	GR of SIP Terminal	GR/SW/TER-SIP/01/MAR09	TA	5,6	Not restricted	SW
71	11m Earth Station Antenna Systems operating in C band	GR/SAN-01/03.MAR2007	TA	5	Not restricted	Radio
72	7m Earth Station Antenna Systems operating in C band	GR/SAN-03/03.MAR. 2007	TA	5	Not restricted	Radio
73	3.8m Earth Station Antenna operating in Ku-band	GR/SAN-18/01.MAY 2008	TA	5	Not restricted	Radio
74	1.8m and 2. 4m Earth Station Antennas operating in C-band	GR/SAN-09/04 MAY 2007	TA	4	Not restricted	Radio
75	5.5m and 8m Earth Station Antenna Systems Operating in Ku band	GR/SAN-11/03.FEB 2006	TA	5	Not restricted	Radio
76	3.8 m Earth Station Antenna Systems operating in C band	GR/SAN-15/02, FEB. 2006	TA	5	Not restricted	Radio
77	1.2m VSAT antenna operating in C band.	GR/SAN-16/02.MAY 2008	TA	4	Not restricted	Radio
78	1m/1.2m/1.8m/2.4 m VSAT Antenna operating in Ku band.	TEC/TX/GR/SAN-013/03/MAR-09	TA	4	Not restricted	Radio
79	<>Uplink Interfacility Waveguide for C, Ext-C & Ku band	GR/TX/SWG-001/03/JAN-09	TA	3	Not restricted	Radio
80	Feeder Cable for C, Ext C Ku band Inter facility Downlink Feeder Cable	GR/TX/SFC-001/03/FEB-09	TA	3	Not restricted	Radio
81	10W/20W Solid State Power Amplifier (SSPA)	GR/SPA-01/03.DEC 2007	TA	4	Not restricted	Radio

	(1+1) System in C- band					
82	20 W/50W/100W/250 W Solid State Power Amplifier (SSPA) 1+1 System operating in ku band	TEC/GR/TX/SPA-002/01/MAR-09	TA	4	Not restricted	Radio
83	50W/100W/200W and 300W Solid State Power Amplifiers(SSPAs) (1+1) System operating in C band.	TEC/GR/TX/SPA-08/03.OCT 2009	TA	4	Not restricted	Radio
84	1W to 20 W Ku band Satellite RF Transceivers (RFTs)	GR/RFT-01/02.FEB. 2008	TA	4	Not restricted	Radio
85	50 W/100W C-band Satellite RF Transceivers (RFTs)	TEC/GR/TX/RFT-002/01.MAR-09	TA	5	Not restricted	Radio
86	30°K/45°K Low Noise Amplifier system operating in C-band	TEC/GR/TX/LNA-03.NOV.2009	TA	4	Not restricted	Radio
87	55° K Low Noise Amplifier Subsystem operating in C-band and Ext-C-band	GR No. GR/LNA-03/03.JULY2007	TA	4	Not restricted	Radio
88	65°K (Type'A")/100°K (Type'B') Low Noise Amplifier system operating in Ku band	TEC/GR/TX/LNA-04/04.NOV.2009	TA	4	Not restricted	Radio
89	Intermediate Data Rate (IDR) Equipment in Ku band.	No. GR/IDR-02 / 02. NOV06	TA	6	Not restricted	Radio
90	Intermediate Data Rate Equipment (IDR) operating in C band	No. GR/IDR-01 /04.NOV 2006	TA	6	Not restricted	Radio
91	Long Distance Satellite Telephone (LDST) operating in C band	GR/LST-01/04.MAY.2008	TA	5	Not restricted	Radio
92	Multi Channel Per Carrier Very Small Aperture Terminal (MCPC VSAT) operating in C band	GR/MPC-01/06.Nov 06	TA	6	Not restricted	Radio

93	Digital Satellite Phone System (DSPS) in Ku band	GR/RRL-01/03.FEB 08	TA	5	Not restricted	Radio
94	Digital Circuit Multiplication Equipment (DCME) with 20:1 gain	TEC/GR/TX/DM E-02/03.MAR 2010	TA	6	Not restricted	Radio
95	Digital Circuit Multiplication Equipment (DCME) with 20:1 gain	GR/DME-02 /02 .NOV 06	TA	6	Not restricted	Radio
96	2 Mbps Digital Echo Canceller	GR/ECH-02/03. MAY.2007	TA	5	Not restricted	Radio
97	Intermediate Frequency Combiner / Divider	TEC/GR/TX/CIF-001/03/JAN-09	TA	3	Not restricted	Radio
98	RF Power Combiner/Divider in C and Ku bands	TEC/GR/TX/C/D RF-001/03.MAR-09	TA	3	Not restricted	Radio
99	STM-1 Satellite Modem for Ku band	TEC/GR/TX/STM -001/01/AUG-08	TA	6	Not restricted	Radio
100	Bandwidth Saving Satellite if Modem for C Band	TEC/ GR/TX/BSM-01/01.OCT.2009	TA	6	Not restricted	Radio
101	400W/700W High Power Amplifiers (1+) operating in C and Ext C band.	TEC/GR/TX/HPA -001/01/JAN-09	TA	6	Not restricted	Radio
102	18 GHz, 16 x 2 Mb/s Integrated Digital Microwave Equipment	GR/DMW-03/05. JAN 2008	TA	6	Not restricted	Radio
103	SDH, STM-1 Microwave equipment in 6GHz and 11GHz frequency bands	GR/DMW-09/04.NOV 2008	TA	6	Not restricted	Radio
104	SDH, Integrated Microwave Equipment in 13 GHz band	GR/DMW-11/03. SEP 2008	TA	6	Active	Radio
105	15 GHz 4X2 Mbps Integrated Digital Microwave equipment	GR/DMW-15/02.DEC2004 (Supersedes GR/DMW-15/01.DEC2000)	TA	6	Active	Radio
106	23 GHz 4X2 Mbps Integrated Digital Microwave Equipment	GR/DMW-17/02.DEC2004(SupersedesGR/ DMW-17/01.DEC2000)	TA	6	Active	Radio
107	15 GHz, STM-1, SDH Microwave Equipment	GR/DMW-18/02.FEB 2007 (Supersedes GR/DMW-	TA	6	Active	Radio

		18/01.JAN2003)				
108	Local Multipoint Distributionsystem in 28 GHz Frequency band	GR/LMD-01/02.OCT 2006 (Supersedes GR/LMD-01/01.JAN2001)	TA	6	Not restricted	Radio
109	Local Multipoint Distributionsystem in 26 GHz Frequency band	GR/LMD-02/02.DEC 2006 (Supersedes GR/LMD-02/01.SEP2001)	TA	6	Not restricted	Radio
110	Local Multipoint Distributionsystem in 10.5 GHz Frequency band	GR/LMD-03/02.DEC 2006 (Supersedes GR/LMD-03/01.SEP 2001)	TA	6	Not restricted	Radio
111	Point to Multipoint Multi Frequency Broadband System for frequency bands 3.3-3.4 GHz,3.5 GHz, 10.5 GHz & 26 GHz	GR/PMB-01/01.MAR2007	TA	6	Not restricted	Radio
112	INTEGRATED MICROWAVE EQUIPMENT for 4/8/16 E1 in 15 GHz and 23 GHz Frequency bands	GR/DMW-01/01.SEP 2009	TA	6	Not restricted	Radio
113	13 GHz, 34 /16 x 2 Mbps Microwave EquipmentDated: 15/06/2004)(Amendment No. 1	GR/DMW-08/02.Jan2003(Supersedes G/DMW-08/01.SEP 94)	TA	6	Not restricted	Radio
114	18 GHz Sub STM-1 Integrated Digital Microwave Equipment	GR/DMW-13/02.JAN2005(Supersedes GR/DMW-13/01.DEC2000)	TA	6	Not restricted	Radio
115	18 GHz STM-1,SDH Integrated Digital Microwave Equipment	GR/DMW-19/2.FEB 2007(Supersedes GR/DMW-19/01.JAN2003)	TA	6	Not restricted	Radio
116	7 GHz SDH STM-1 Microwave Equipment	GR/DMW-12/02.DEC 2004	TA	6	Not restricted	Radio
117	Frequency Counter(10 Hz to 18 GHz)	GR/TIT-02/03.APR2004(SupersedesG/TIT-02/02. FEB 2000)	TA	4	Not restricted	Radio
118	Microwave Power Meter(10 MHz to 18 GHz)	GR/TIT-04/03.APR 2004(SupersedesG/TIT-04/02.MAR	TA	4	Not restricted	Radio

		2000)				
119	RF Step Attenuator(dc to 2.5 GHz)(Amendment No. 1Dated: 06/07/2004)	GR/TIT-07/03. JAN 2004(Supersede sG/TIT-07/02. FEB 2000)	TA	3	Not restricted	Radio
120	Spectrum Analyser(1 MHz – 21 GHz)(Amendment No. 1Dated: 06/07/2004)	GR/TIT-08/04. FEB 2008(Supersede sG/TIT-08/03. JANR2004)	TA	4	Not restricted	Radio
121	Spectrum Analyzer (1 MHz –3.0 GHz)(Amendment No. 1Dated: 06/07/2004)	TEC/GR/TX/SA-009/04.MR 2010	TA	4	Not restricted	Radio
122	Synthesized signal Generator(2GHz- 20 GHz)	GR/TIT-10/03.JUL 2004(Supersede sG/TIT-10/02.MAR 2000)	TA	4	Not restricted	Radio
123	RF Fixed Coaxial Attenuators (2W & 5W)(Amendment No. 1Dated: 06/07/2004)	GR/TIT-11/03.JAN 2004(Supersede sG/TIT-11/02.FEB.2000)	TA	3	Not restricted	Radio
124	2.7 GHz Synthesized Signal Generator (100 KHz - 2.7 GHz)	GR/TIT-12/03.JUL 2004(Supersede s G/TIT-12/02.MAR 2000)	TA	4	Not restricted	Radio
125	Return Loss Measurement Test Set(10 MHz-20 GHz)(Amendment No. 1Dated: 06/07/2004)	GR/TIT-13/03.JAN 2004(Supersede sG/TIT-13/02.MAR 2000)	TA	4	Not restricted	Radio
126	Multi Path Fade Simulator	GR/TIT-15/03. MAY 2005(Supersede sGR/TIT-15/02. JAN 2001)	TA	4	Not restricted	Radio
127	RF Fixed Attenuator(DC- 40 GHz)	GR/TIT-18/02. FEB 2006(Supersede sGR/TIT-18/01SEP 2001)	TA	3	Not restricted	Radio
128	RF Power Meter(50MHz- 40GHz)	TEC/GR/TX/RP M-019/03/MAR.2010	TA	4	Not restricted	Radio
129	Frequency Counter(10Hz-	TEC/GR/TX/FC-020/03/MAR.201	TA	4	Not restricted	Radio

	40GHz)	0				
130	Spectrum Analyzer(50MHz-40GHz)	GR/TIT-21/02.APR 2007	TA	4	Not restricted	Radio
131	Synthesized Signal Generator(1GHz-40GHz)	GR/TIT-22/02.MAY 2007	TA	4	Not restricted	Radio
132	Cable & Antenna Analyser(for Base Station)	GR/TIT-23/01 JUN 2005	TA	4	Not restricted	Radio
133	RF Coaxial Step Attenuators (dc to 18 GHz & dc to 4 GHz)(Amendment No. 1Dated: 06/07/2004)	GR/TIT-14/03.JAN 2004(Supersede sG/TIT-14/02.FEB 2000)	TA	3	Not restricted	Radio
134	EMF strength Measuring Instrument in 30 MHz to 3/6 GHz.	GR no. GR/EMF-01/01. MAR 2009	TA	4	Not restricted	Radio
135	11 GHz Wave Guide(Amendment No. 1Dated: 09/07/2004) to be deleted	GR/FDR-01/04 .DEC 2007(Supersede sG/FDR-01/03. JUN 03)	TA	4	Not restricted	Radio
136	7 GHz Wave Guide(Amendment No. 1Dated: 09/07/2004) to be deleted	GR/FDR-02/04.DEC 2007(Supersede sG/FDR-02/03. JUN 03)	TA	4	Not restricted	Radio
137	6 GHz Wave Guide	G/FDR-04/04. FEB2007 (SupersedesGR/FDR-04/03.FEB2003)	TA	4	Not restricted	Radio
138	13 GHz Wave Guide(Amendment No. 1Dated: 09/07/2004)(To be deleted)	GR/FDR-05/04.DEC 2007(Supersede sG/FDR-05/03. JUN03)	TA	4	Not restricted	Radio
139	6 GHz Wave Guide (Lower Band)	GR/FDR-11/02.MAY2005(SupersedesG/FDR-11/01.JULY2000)	TA	4	Not restricted	Radio
140	Feeder cable for800 MHz (824-894) MHz & 1900 MHz (1880-1900)MHz Frequency Bands	GR/FDR-12/02 JAN 2006(Supersede sGR/FDR-12/01.DEC2001	TA	4	Not restricted	Radio
141	Feeder cable for 900 MHz , 1800 MHz and 2.1 GHz/UMTSFrequency bands (890-960 MHz, 1710-1880 and 1920-	GR/FDR-13/02.SEP 2006(Supersede sGR/FDR-13/01.JAN2003)	TA	4	Not restricted	Radio

	2170 MHz)					
142	Accessories of Antennas, Feeders and Wave Guides(Amendme nt No. 1Dated: 09/07/2004)	GR/ACC-14/02.JUNE2003 (SupersedesG/A CC-14/01. DEC 99)	TA	2	Not restricted	Radio
143	15 Meter Self Supporting Mast& amendment no. 1 dated 04.10.98	G/MST-01/01.OCT96(Re affirmed as per Minutes of DCC Dt.25/04/03.	TA	2	Not restricted	Radio
144	40 Meter Narrow Base Heavy Weight Tower	GR/TWR-02/02.MAY 2004(Reaffirmed May 2008)	TA	3	Not restricted	Radio
145	60 Meter Heavy Weight M/W Tower	G/TWR-03/01. JAN2000(Amendment No. 1 dated 07/06/2005)	TA	4	Not restricted	Radio
146	40 Meter Narrow Base Light Weight Tower	GR/TWR-04/01.DEC2000(Amendment No. 1 dated 19/10/2001 &Amendment No. 2 dated 29/06/2005) & Amendment No. 3 dated 04/07/2005	TA	3	Not restricted	Radio
147	30 Meter Narrow Base Heavy Weight Tower	GR/TWR-05/01.DEC2000(Amendment No.1 Dated : 14/06/2005)	TA	4	Not restricted	Radio
148	20 Meter Narrow Base Heavy Weight Tower	GR/TWR-06/01.DEC2000(Amendment No.1 Dated : 14/06/2005)	TA	4	Not restricted	Radio
149	30 Meter Narrow Base Light Tower	GR/TWR-07/01.DEC2002 (Amendment No.1 Dated 30/05/2007)	TA	3	Not restricted	Radio
150	20 Meter Narrow Base Light Weight Tower	GR/TWR-08/01.DEC2002(Amendment No.1 Dated 30/05/2007)	TA	3	Not restricted	Radio
151	Roof Top Tower fo r CellularMobileSyst	GR/TWR-09/01.FEB2004(Amendment No.1	TA	3	Not restricted	Radio

	ems (30/25/20/15/10 M Tower)	Dated 22/04/2008)				
152	60 Meter Narrow Base Light Weight Tower for Cellular Systems	GR/TWR-10/01.NOV 2004	TA	3	Not restricted	Radio
153	40,30 & 20 meter Towers for Cellular Systems	GR/TWR-11/01.DEC 2004	TA	3	Not restricted	Radio
154	40 meter tower for cellular system (up to 170 km ph wind speed Amendment No.1 Dated 9.5.2006	GR/TWR-12/01. JUN 2005(Amendment No.1 Dated 17.05.2006 & Amendment No. 2 Dated 04.07.2008)	TA	3	Not restricted	Radio
155	11GHz High Performance Antenna	GR/ANT-03/04.APR 2007(Supersedes GR/ANT-03/03. FEB 2003)	TA	4	Not restricted	Radio
156	7 GHz High Performance Antenna	GR/ANT-04/04.SEP 2006(Supersedes GR/ANT-04/03.FEB2003)	TA	4	Not restricted	Radio
157	6 GHz High Performance Antenna	TEC/GR/PI/ANT-015/03.NOV 2009	TA	4	Not restricted	Radio
158	13 GHz High Performance Antenna	GR/ANT-07/04. APR.2007(Supersedes GR/ANT-07/03.FEB2003)	TA	4	Not restricted	Radio
159	18 GHz High Performance Antenna	GR/ANT-09/03. MAY 2004(Supersedes GR/ANT-09/02. MAR99)	TA	3	Not restricted	Radio
160	6 GHz Ultra High Performance Antenna	TEC/GR/PI/ANT-015/03/NOV-09	TA	4	Not restricted	Radio
161	11 GHz Ultra High Performance Antennas	GR/ANT-16/02. MAY 2005(Supersedes GR/ANT-16/01. JAN 2000)	TA	4	Not restricted	Radio
162	800 AND 1900MHz Patch Panel Antenna (824-894 MHz & 1880-1900 MHz)	GR/ANT-18/02.DEC2004(Supersedes GR/ANT-18/01.JAN2001)	TA	4	Not restricted	Radio
163	15 GHz High Performance Antenna	TEC/GR/PI/ANT-019/03/NOV-09	TA	4	Not restricted	Radio

164	Base station Antennas in 824-894MHz, 1880-1900 MHz and 1920-2170 MHz Frequency Bands	GR/ANT-20/02.JAN 2006(Supersedes GR/ANT-20/01.SEP2001)	TA	4	Not restricted	Radio
165	GSM Base station Panel and Omni Antennas for (890-960 MHz, 1710-1880 MHz & 1920-2170 MHz) frequency bands	GR/ANT-21/02OCT2006(Supersedes GR/ANT-21/01 JAN2003)	TA	4	Not restricted	Radio
166	BTS Shelter	GR/BSH-01/01 JAN 2006 (Corrigendum dated 22/11/06)	TA	3	Not restricted	Radio
167	Wireless LAN	GR/WLN-01/02 APR 2007	TA	-	Not restricted	N
168	WiFi Hotspot	GR/WiFi-01/01 APR 2007	TA	-	Not restricted	N
169	Broadband Wireless Access System	GR/BWA-01/01 JUN 2007	TA	-	Not restricted	N
170	Buttinski Telephone Handset	GR/BUT-01/03. MAR2006	TA	5	Not restricted	N
171	Cordless Telephone (Amendment No.1 dated: 29-11-2006)	GR/TCL-02/01MAR 2006	TA	5	Not restricted	N
172	Radio Modem in ISM band	GR/MOD-09/02 JAN 2005	TA	6	Not restricted	N
173	V.92 Modem	GR/MOD-11/02 MAY 2005	TA	4,5	Not restricted	N
174	V.92 Modem	IR/MOD-12/02 MAY 2005	IA	3&4	Not restricted	N
175	NSD/ISD Payphone	GR/PCO-09/02. NOV 2005	TA	6	Not restricted	N
176	IN PCO	GR/PCO-13/01.JUL 2005	TA	6	Not restricted	N
177	Executive Telephone System	GR/ETS-01/02AUG.2004	TA	6	Not restricted	N
178	Line Jack Unit (LJU)	GR/LJU-01/06 AUG 2004	TA	2	Restricted	N
179	Line Jack Unit with provision of parallel extension	GR/LJU-03/02 AUG 2004	TA	-	Not restricted	N
180	V.90 Modem (a digital modem and analogue modem pair for use on the PSTN at data signaling rates of up to 56000 bps downstream and up to 33600 bps	GR/MOD-07/02. APR 2004	TA	4,5	Not restricted	N

	upstream)					
181	Coin Box Telephones	GR/PCO-08/03. MAY 2004	TA	-	Not restricted	N
182	16 KHz Metering Pulse Analyzer	GR/MPA-01/02. APR 2003	TA	4	Not restricted	N
183	Telephone Line Tester	GR/TLT-01/01. CT2003	TA	2	Not restricted	N
184	SMS Phone for PSTN	GR/SMS- 03/01.JAN 2003	TA	7	Not restricted	N
185	C-DOT TDMA PMP System	GR/PMP- 01/02.JUL 2003	TA	-	Restricted	N
186	Executive Telephone System(1+2)	GR/ETS-02/01 SEP 2002	TA	6	Not restricted	N
187	Mini Line Jack Unit	GR/LJU-04/01 MAR 2002	TA	3	Not restricted	N
188	Electronic Telephone Instrument	TEC/GR/CP/TEL -002/05.JAN2010	TA	6	Not restricted	N
189	H.323/SIP TERMI NAL	GR/IPP- 01/01.SEP 2002	TA	6	Not restricted	N
190	Multi Line Telephone System	G/MTS-01/01 JUL 2000	TA	6	Not restricted	N
191	Devnagari Script in Store & Forward Message Switching System Network Connecting Telegraph Offices with	G/MSS-05/02. FEB 98	TA	3	Restricted	N
192	Card Phone Control Unit	G/CCU- 01/02.JUN 97	TA	6	Restricted	N
193	Card Phone Management System	G/CMS- 01/01.JUN 97	TA	6	Restricted	N
194	Smart Card for Payphone	G/DSC- 02/01.APR 97	TA	3	Restricted	N
195	Smart Card Payphone	G/PCO-07/02. JUN 97	TA	7	Non restricted	N
196	Pocket Sized Card Reader	G/PCR-01/01. SEP 97	TA	3	Restricted	N
197	Payphone Booth for Highway/Airport /Railway Station	G/BTH- 01/01.MAR 94	TA	1	Non restricted	N
198	Store and Forward Message Switching System 32 Lines	G/MSS-01/02. MAR 94	TA	4	Restricted	N
199	Store and Forward Message Switching System 64 Lines	G/MSS-02/02 .MAR 94	TA	4	Restricted	N

200	Store and Forward Message Switching System 128 Lines	G/MSS-03/02. MAR 94	TA	4	Restricted	N
201	Electronic Keyboard	G/EKB-01/02JUN 93	TA	3	Restricted	N
202	Electronic Keyboard Concentrator	G/EKB-02/02 JUN 93	TA	3	Restricted	N
203	Formatted Terminal	G/FTL-01/02.J AN 88	TA	3	Restricted	N
204	Line concentrator	G/LCR-01/01 JAN 88	TA	3	Restricted	N
205	Cable Record Purification System with amendment no.1 dated 26.10.04	GR/CRP-01/02.JUN02	TA	8	Restricted	I
206	Thin Client	GR/THC-01/03. APR07	TA	4	Restricted	I
207	Portable E1-Analyser for NIB	GR/EAN-01/03.DEC04	TA	8	Restricted	I
208	Call Centre	GR/CLC-01/02. FEB 2004	NA	NA	Restricted	I
209	Interactive Voice Response System.	GR/VRS-01/04.APR03.	TA	6	Restricted	I
210	National Internet Backbone Amend ment No.1 dated 9/10/98 and Amendment No.2 dated 12/11/98.	G/NIB-01/01.FEB98.	Validation	NA	Restricted	I
211	Technical Requirements for International Gateway Connectivity.	Standard No.S/IGW-01/01. JAN01	NA	NA	Standard	I
212	Web Cache System	GR No.GR/WCE-01/03. JUL 06	TA	8	Restricted	I
213	Narrowband Remote Access Servers Amendment No. 1 issued on dt 26.10.2004	GR/RAS-02/01.JUL03	TA	7	Restricted	I
214	Local Area Network Switch	GR/LSW-01/03.SEP07	TA	7	Restricted	I
215	Structured LAN Cabling.	GR/SLC-01/02.SEP 05	TA	3	Restricted	I
216	Electronic Commerce	GR/ECM-01/02.MAY05	TA	9	Restricted	I
217	Broadband Access on Cable TV Architecture with amendment no. 1 dated 26.10.04	GR/CAB-01/01.JUN01	TA	10	Restricted	I
218	Wholesale Dial Access Port System	GR/WPS-01/01.JUL01	TA	10	Restricted	I

	(WAPS) with amendment no. 1 dated 26.10.04					
219	BGP/MPLS Virtual Private Network Amendment No. 1 dated 05.10.04 & No. 2 dated 26.10.2004	GR/VPN-01/02.FEB04	TA	9	Restricted	I
220	GR on UTP to Optical Converter	GR/UOC-01/02 MAY 06	TA	6	Restricted	I
221	Broad Band Remote Access Server	GR/RAS-03/02.SEP 07	TA	8	Restricted	I
222	Ethernet based Dot Soft Architecture	GR/DWO-01/01 JAN 04	NA	NA	Restricted	I
223	GR for MPLS PerformanceAnalyser	GR/DCS-10/02.FEB 07	TA	6	Restricted	I
224	GR on MPLS ProtocolAnalyser	GR/DCS-11/01.JUN 07	TA	6	Restricted	I
225	Trunk Media Gateway for IP based TAX Network with amendment no. 1 dated 15.01.2005	GR/TMG-01/01 JUL 03	TA	8	Restricted	I
226	IP based Centrex System Amendment No. 1 dated 31.03.2005	GR/IPC-01/01 DEC 03	TA	6	Restricted	I
227	Enterprise Storage Infrastructure	TEC/GR/SA/ESI-001/02.MAR09	TA	NA	Restricted	I
228	GR on Firewall System	GR/FWS-01/02 SEP 06	TA	8	Restricted	I
229	GR on Intrusion Detection System for IP Network Security Amendment No. 1 dated 26.10.2004	GR/IDS-01/02.OCT 07	TA	8	Restricted	I
230	ISP Traffic Legal Intercept and Monitoring System	SD/IMC-01/01. MAR 04	NA	NA	Standard	I
231	Intrusion Prevention System	GR/IPS-01/01.NOV 06	TA	8	Restricted	I
232	IPLC Traffic Lawful Interception and Monitoring System	GR/IPL-01/01JUL07	TA	NA	Restricted	I
233	GR on NMS Platform for Next Generation Network	TEC/GR/IT/NMS-001/01. MAR 09	TA	8	Restricted	I
234	GR on Digital Subscriber Line System for Central Office	TEC/GR/IT/ANE-004/02. APR-09	TA	6	Restricted	I

235	Network Management System (NMS) for IP based transit & local Public Switched Network	GR/NMS-01/02 MAY07	TA	8	Restricted	I
236	Standard on NMS	SD/NMS-002/01 FEB 05	NA	NA	Standard	I
237	Wooden Cable Drum for Telecom Cables	G/CBD-01/02.NOV 94(Re-affirmed in March 2004)	TA	----	Not restricted	FLA
238	Collapsible Steel Drums for Telecom Cables	G/CBD-02/01.FEB 94(Re-affirmed in March 2004)	TA	----	Not restricted	FLA
239	Cable Duct Lubricant	GR/CDS-01/02. AUG 2003	TA	3	Not restricted	FLA
240	Cable Duct Sealing System	GR/CDS-02/03. SEP 2003	TA	4	Not restricted	FLA
241	Spacers for Ducts	GR/CDS-04/02. NOV 2002	TA	4	Not restricted	FLA
242	Cable Pulling eye and cup container	G/CDS-06/03.JUN 2007	TA	----	Not restricted	FLA
243	Permanently lubricated HDPE telecom Ducts for use as underground optical fibre cable conduits	G/CDS-08/02.NOV 2004	TA	3	Not restricted	FLA
244	Wheels and Axles for Cable Drums	G/CIM-01/02.FEB 97	TA	----	Not restricted	FLA
245	Cable Roller Block	G/CIM-02/02.FEB 97	TA	----	Not restricted	FLA
246	Cable Warning Tape	G/CIM-03/01. SEP 2000	TA	----	Not restricted	FLA
247	Thermo shrink sleeve, Closure channel & Branch-off clip (for Thermo Shrink Jointing Kits for Unpressurised cables)	GR/CJM-01/03 SEP 2006	TA	4	Not restricted	FLA
248	Aluminium Canisters for Thermoshrink joints	GR/CJM-02/03.FEB2004	TA	----	Not restricted	FLA
249	Sheath Connector Assembly	GR/CJM-03/03. FEB 2004	TA	----	Not restricted	FLA
250	Splice filling compound	GR/CJM-04/03. FEB 2004	TA	----	Not restricted	FLA
251	Cable Cleaning Liquid	GR/CJM-05/03.FEB 2004	TA	----	Not restricted	FLA
252	Adhesive PVC Tape	GR/CJM-06/03.FEB 2004	TA	----	Not restricted	FLA
253	Adhesive Polyester tape	G/CJM-07/02. AUG 98	TA	----	Not restricted	FLA

254	Sealant Tape	GR/CJM-08/03. FEB 2004	TA	----	Not restricted	FLA
255	Emery strip	G/CJM-09/ 02.MAY 99	TA	----	Not restricted	FLA
256	Cleaning Tissue	G/CJM-10/ 02.AUG 98	TA	----	Not restricted	FLA
257	Silica Gel	G/CJM-11/ 02.AUG 98(Re- affirmed in march 2004)	TA	----	Not restricted	FLA
258	Micro crystalline Wax	G/CJM-12/ 02.AUG 98 (Re- affirmed in march 2004)	TA	----	Not restricted	FLA
259	Water blocking powder	G/CJM-13/ 02.MAY 99 (Re- affirmed in march 2004)	TA	----	Not restricted	FLA
260	Adhesive Aluminum foil	G/CJM-14/ 02.MAY 99 (Re- affirmed in march 2004)	TA	----	Not restricted	FLA
261	Discrete Wire Connectors	G/CJM-15/ 02.NOV 97	TA	----	Not restricted	FLA
262	20 Pair Modular connectors and Crimping Tools & accessories	G/CJM-16/ 02.DEC 99	TA	----	Not restricted	FLA
263	Thermo weld Sleeve, Closure channel, Branch- off clip & Rubber spacer (for Thermo weld jointing Kits for Unpressurised Cables)	GR/CJM-17/ 03. MAY 2005	TA	4	Not restricted	FLA
264	Aluminium Canister for Thermoweld Joints	G/CJM-18/ 02.APR 98	TA	----	Not restricted	FLA
265	Jointing Kits for Pressurised Cables (ALSS & WRST) with Errata Dated 25.11.93(Part 1 & 3)	G/CJM-21/01. AUG 93	TA	----	Not restricted	FLA
266	Jointing Kits for Press Cables (TSP) with Errata Dated 25.11.93(Part 2)	G/CJM-22/ 01.AUG 93	TA	----	Not restricted	FLA
267	Epoxy Resin for horizontal & Vertical Gas seals in Tel cables	G/CJM-23/ 01.JUL 84	TA	4	Not restricted	FLA
268	Crimping Tool for Discrete Connector	G/CJM-24/ 03.JAN 2003	TA	QA Item	Not restricted	FLA

269	Modified Blow Lamp for Thermoshrinking Operation	G/CJM-25/02.NOV 94	TA	QA Item	Not restricted	FLA
270	Plumber's Metal	G/CJM-28/ 03. JUL2002	TA	QA Item	Not restricted	FLA
271	Lead Sleeves For Cable Joints	G/CJM-29/ 03. JUL 2002	TA	QA Item	Not restricted	FLA
272	Mole skin (Wiping Cloth)	G/CJM-32/02.MAY 97	TA	QA Item	Not restricted	FLA
273	Reinforced Thermo shrink sleeve, Closure channel & Branch-off clip (for reinforced Thermo shrink jointing kits for unpressurised Cables) With Amendment No.1 dated 05.02.03	G/CJM-33/01.JUN 99	TA	4	Not restricted	FLA
274	Low Power Halide Leak Detector	G/CPS-01/01.FEB 93	TA	2	Not restricted	FLA
275	Microprocessor Based Gas Pressure Alarm Panel	G/CPS-02/01.FEB 93	TA	2	Not restricted	FLA
276	Air Flow Meters to be used for Cable Pressurization	G/CPS-03/02.MAR 95	TA	QA Item	Not restricted	FLA
277	Precision Manometer for use in Cable Pressurization of P&T Cables	G/CPS-04/01.OCT 83	TA	2	Not restricted	FLA
278	Complete Main Distribution Frame for Automatic Exchange for 512 ports & above)With Amendment No.1 March 99, amendment No.2 OCT 99 & Amendment No.3 dated 19.03.2003 /with amendment no.1 dated 08.02.06	G/CTN-01/03.MAR 98/GR/CTN-01/04 MAY 2005	TA	4	Not restricted	FLA
279	Main Distribution Frame & protection Arrangement For 128/256 Ports Rural Automatic Exchanges With Amendment No.1	G/CTN-02/04.AUG 2001	TA	3	Not restricted	FLA

280	100 pair Cable Terminal Block with accessories to be mounted in cabinets & pillars with Accessories	GR/CTN-03/03 .MAR 2004	TA	----	Not restricted	FLA
281	GR for New Type DP Boxes for External use With Amendment No.1dated 01.05.06	GR/CTN-09/02.JUN 2005	TA	3	Not restricted	FLA
282	Distribution Point (DP) Box for Internal & External use With Amendment No.1dated 01.05.06	GR/CTN-10/03.JUN 2005	TA	3	Not restricted	FLA
283	FRP/Polycarbonate Pole mounted Bracket for 5/10/20 Pair External DP	G/CTN-12/02.MAR 2000	TA	QA item	Not restricted	FLA
284	GR for Mini Pillar cum Joint Box with amendment no.1 dated 30.10.05	G/CTN-29/01.JAN 2000	TA	QA item	Not restricted	FLA
285	CD Cabinets for mounting IDC type C.T. Blocks with amendment no.1 dated 30.08.05and amendment no. 2 dated 03.02.05	G/CTN-30/03.JAN 2000	TA	QA item	Not restricted	FLA
286	Protector Box (Outdoor type) to mount G.D.tubes	G/CTN-16/02 APR 95	TA	QA Item	Not restricted	FLA
287	Fibre Glass Reinforced Polyester (FRP) CD cabinet Casings for Mounting IDC Type Cable Terminal Blocks	GR/CTN-31/01. SEP 2002	TA	----	Not restricted	FLA
288	Solid Polythene Insulated, fully filled, Polythene Sheathed, Underground Telecom Cables (5 Pairs/ 0.50mm PIJF Unarmoured Underground Telecom Cables) GR No. G/CUG-02/ 01.JUN 98	G/CUG-01/ 03. AUG 2003 This GR is merged with CUG-01/ 03. AUG 2003 (to be deleted)	TA	4	Not restricted	FLA

289	Foam-skin Polythene Insulated, fully filled, Polythene Sheathed, Underground Telecom Cables	G/CUG-03/02.MAY 96	TA	4	Not restricted	FLA
290	Braces, Angle Iron	G/LIN-01/02.SEP 97	TA	QA item	Not restricted	FLA
291	Cast Iron Sockets	G/LIN-02/02.NOV 95	TA	QA item	Not restricted	FLA
292	Tapered Steel Tubes for Telecom Poles	G/LIN-03/03.OCT 99	TA	QA item	Not restricted	FLA
293	(With Amendment No.1 dated 18.07.2003 and Errata issued on 14.07.2003)					FLA
294	Channel Iron Brackets of Different Types	G/LIN-04/03.OCT 2001	TA	QA Item	Not restricted	FLA
295	Bracket Special Angle Iron for Guard Wires	G/LIN-05/02.FEB 93	TA	QA item	Not restricted	FLA
296	Saddles for fitting Angle Iron Guard Brackets on Hamilton Tubes A & B	G/LIN-06/03.AUG 2003	TA	QA item	Not restricted	FLA
297	Plastic Insulator for over head Telegraph & Telephone Wires	G/LIN-07/02.DEC 94 (Re-affirmed in march 2004)	TA	QA item	Not restricted	FLA
298	U-Backs for fitting different types of Brackets on Tubular and other types of Posts	G/LIN-09/02.DEC 94(Re-affirmed in march 2004)	TA	QA Item	Not restricted	FLA
299	Support Bracket & Plastic Insulated Telephone Stalk	G/LIN-10/03.OCT 99	TA	QA item	Not restricted	FLA
300	Anchors for Stays for Poles	G/LIN-14/03.MAY 2003	TA	QA item	Not restricted	FLA
301	Sole Plates for Sockets	G/LIN-15/03.FEB 2004	TA	QA item	Not restricted	FLA
302	Straining Screws	G/LIN-16/02.JAN 96 (Re-affirmed in march 2004)	TA	QA Item	Not restricted	FLA
303	Bracket Attachment for Transposition	G/LIN-17/02.JAN 96 (Re-affirmed in march 2004)	TA	QA item	Not restricted	FLA
304	Struts Angle Iron for use on Telecom Lines	G/LIN-18/02.JUL 95 (Re-affirmed in march 2004)	TA	QA item	Not restricted	FLA
305	Stay Rods	G/LIN-19/02.JAN 96 (Re-affirmed in march 2004)	TA	QA item	Not restricted	FLA

306	U-Backs special for protected cable terminals	G/LIN-20/ 02.DEC 95 (Re-affirmed in march 2004)	TA	QA item	Not restricted	FLA
307	Stay Attachment used in the DoT	G/LIN-22/ 02.JUL 95	TA	QA item	Not restricted	FLA
308	Stay Shackles	G/LIN-23/ 02.JUL 95	TA	QA item	Not restricted	FLA
309	Couplings of different types and Clamps for couplings	G/LIN-25/ 02.SEP 97	TA	QA item	Not restricted	FLA
310	Lineman's Foot Rest	G/LIN-26/ 02.MAR 97	TA	QA item	Not restricted	FLA
311	Linemen's Safety Belt of Terylene	G/LIN-28/ 02.MAR 97	TA	QA item	Not restricted	FLA
312	Angle Iron Ties of different types	G/LIN-29/ 02.MAY 97	TA	QA item	Not restricted	FLA
313	Saddles for fitting C.I Brackets and Struts on Tubular Poles	G/LIN-30/ 02.MAY 97	TA	QA Item	Not restricted	FLA
314	Caps for Tubular Poles	G/LIN-31/ 02. MAY 97	TA	QA item	Not restricted	FLA
315	Iron Line Stores	G/LIN-32/ 02.MAY 97 (Re-affirmed in march 2004)	TA	QA item	Not restricted	FLA
316	GD Tubes for Internal and External use	G/PTN-01/ 03. SEP 2001	TA	QA item	Not restricted	FLA
317	100 mA Anti Surge fuse	GR/PTN-02/02. MAR 2003	TA	QA item	Not restricted	FLA
318	Positive Temperature coefficient (PTC) Thermistor	G/PTN-05/ 01.OCT 97 (Re-affirmed in march 2004)	TA	QA item	Not restricted	FLA
319	Cable Route Tracer (With Amendment No.1 dated 29.09.2000)	G/TIE-01/ 02.OCT 99	TA	3	Not restricted	FLA
320	Portable Cable Fault Locator (With Amendment Nos.1 & 2 dated 12.02.2002 & 27.06.2002)	G/TIE-02/ 02.JUL 99	TA	3	Not restricted	FLA
321	Digital Cross-talk and attenuation tester	G/TIE-04/ 02.FEB 2003	TA	3	Not restricted	FLA
322	Digital Cable Fault Locator for Low Insulation Faults, contact and open.	GR/TIE-05/ 03. JUL 2006	TA	3	Not restricted	FLA
323	Electronic Locator system	G/TIE-07/ 01.JUN 98	TA	4	Not restricted	FLA
324	Tester for Gas Discharge Tube (GD Tube) &	GR/TIE-12/01. APR 2002	TA	----	Not restricted	FLA

	Positive Temperature Coefficient (PTC) Thermistor					
325	New Type of Drop Wire Accessories	G/WIR-01/ 02. JUN 99	TA	QA item	Not restricted	FLA
326	Self-supporting PVC Drop Wire with Fibre Glass Roving as strength member	G/WIR-03/ 03. AUG 2006	TA	3	Not restricted	FLA
327	1/10/16 Pairs Screened PCM cable for Digital equipment wiring to work upto 2 M bits/sec.	G/WIR-04/02 NOV 2001	TA	QA item	Not restricted	FLA
328	Cadmium-Copper PVC drop wire	G/WIR-05/ 02. NOV 2001	TA	QA item	Not restricted	FLA
329	Cable Switch Board (Screened & Unscreened)	G/WIR-06/ 03. MAR 2002	TA	QA item	Not restricted	FLA
330	House Wire PVC Twin (Tinned Copper conductor Double `D' Type)	G/WIR-07/ 03. JUL 2003	TA	QA Item	Not restricted	FLA
331	PVC Insulated Galvanised mild Steel Wire	G/WIR-08/ 03. JUL 2002	TA	QA item	Not restricted	FLA
332	Cable, House wiring PVC (Copper conductor Tinned, PVC Insulated, taped & PVC Sheathed)	GR/WIR-09/ 03. MAR2004/ GR/WIR-09/04 OCT 2005	TA	QA item	Not restricted	FLA
333	Jumper Wire PVC	G/WIR-10/ 03. SEP 2006	TA	3	Not restricted	FLA
334	Preset Binder for Jointing G.I. Wires	G/WIR-12/ 02.MAR 97	TA	QA item	Not restricted	FLA
335	Copper clad steel conductor PVC drop wire	G/WIR-16/ 01.FEB 2000	TA	QA item	Not restricted	FLA
336	Asymmetric Digital Sub. Line (ADSL) System for Central Office Terminal (COT)	G/ANE-04/01. Sept' 1999	TA	6	Not restricted	FLA
337	ADSL Modem (Remote Terminal) Amendment No. 1 Dated 04-07-2K	G/ANE-05/01. Sept' 1999	TA	6	Not restricted	FLA
338	Splitterless ADSL - COT equipment	G/ADS -01/01. APR' 2000	TA	6	Not restricted	FLA
339	Splitterless ADSL Modem	G/ADS - 02/01. APR' 2000	TA	6	Not restricted	FLA
340	Single Pair High Bit Rate Digital Subscriber Line (SHDSL) System	GR/DSL-03/01 JUN' 2003	TA	5	Not restricted	FLA

341	GR for STM-1 Customer Premises Equipment (CPE) for access network application Amendment No. 1 Dated 22-06-2004	GR/SDH-13/01 JUL' 2003	TA	6	Not restricted	FLA
342	GR of Optical Multi Services Access Network (OMSAN)	GR/BLC-01/01 SEP' 2003	TA	----	Not restricted	FLA
343	GR for Asymmetric Digital Subscriber Line 2 Plus (ADSL 2+) System for Central Office and Remote Office Applications	GR/ADS-06/01.JULY' 2004	TA	6	Not restricted	FLA
344	Very High Speed Digital Subscriber Line (VDSL) Equipment COT and RT Applications	GR/DSL-04/01.MAR' 2005	TA	3	Not restricted	FLA
345	Copper Pair Tester for Digital Subscriber (XDSL) working	GR/DSA-01/02 JAN' 2005	TA	5	Not restricted	FLA
346	Asymmetrical Line (ADSL) Test Set	GR/DSA-02/02 JAN' 2006	TA	5	Not restricted	FLA
347	Broadband Access Application using Gigabit Passive Optical Network (GPON) Technology	GR/PON-01/01 DEC 2006	TA	8	Not restricted	FLA
348	12V SMPS Power Supply for CDMA FWTs & Other similar system with amendment - I dated 08.03.2004 and amendment -II dated 04.05.2006	GR/SMP-02/01 JAN 2004	TA	5	Not restricted	FLA
349	Suppression of Electromagnetic Interference for Power equipment in Telecom	GR/EMI-01/03 MAR 2004	TA	----	Not restricted	FLA
350	Value Regulated Lead Acid (VRLA) Batteries with amendment -1 dated 05.01.2005	GR/BAT-01/03 MAR 2004	TA	7,6,5,4 & 3 as per case	Not restricted	FLA
351	Solar Photo Voltaic Power Supply for Fixed Wireless Terminals	GR/SPV-02/02 MAR 2004	TA	4	Not restricted	FLA

352	12V DC-DC Power Supply unit with built-in 12V/7AH Battery for CDMA FWTs	GR/DCC-01/01 AUG 2004	TA	4	Not restricted	FLA
353	Centralised Control and Monitoring System for Power Plants and Associated Equipments	GR/CCM-01/01 NOV 2004	TA	5	Not restricted	FLA
354	SMPS Based Power Plants	GR/SMP-01/05 JAN 2005	TA	5 & 4	Not restricted	FLA
355	Inverters Systems (1 To 48KVA)	GR/INV-01/04 MAY 2005	TA	5	Not restricted	FLA
356	Solar Photo Voltaic Power Supply for Telecom equipments	GR/SPV-03/02 JUN 2005	TA	5	Not restricted	FLA
357	Value Regulated Lead Acid (VRLA) Batteries for high rate of discharge (UPS) application	GR/BAT-02/02 MAR 2006	TA	7,6 & 3 as per Case I,II & III	Not restricted	FLA
358	Tubular Valve Regulated Lead Acid (VRLA) Batteries based on GEL Technology (corrigendum dated 20-07-2007)	GR/BAT-03/01 MAR 2006	TA	7	Not restricted	FLA
359	Uninterrupted Power Supply (UPS) System	GR/UPS-01/03 MAY 2006	TA	5	Not restricted	FLA
360	FRP Containers for Batteries (Capacities 4000AH to 5000AH)	G/FRP-01/01 JAN 97	TA	----	Not restricted	FLA
361	Monitoring of VRLA batteries Guidelines	GL/BAT-03/01 JUN 2003	Guidelines	----	Not restricted	FLA
362	Planning Guidelines for SMPS Based Power plants	GL/SMP-03/02 FEB 2005	Guidelines	----	Not restricted	FLA
363	Planning & Maintenance Guidelines for SPV Power Supply	GL/SPV-05/01 APRIL 2004	Guidelines	----	Not restricted	FLA
364	Generic Requirements for FTTH/FTTB/FTTC Broadband Access Applications using GPON Technology	GR/PON-01/02.APR.2008	TA	8	Not restricted	FLA

365	Transient Safety Device (8 Pair Protector Module for use on back side of Mother Board of C-Dot Exchange)	GR/PTN-33/01. JUN 2008	TA	3	Not restricted	FLA
366	Generic Requirements For FTTH/FTTB/FTTC Broadband Access Applications Using EPON Technology	TEC/GR/FLA/EPON-01/April.2009	TA	8	Not restricted	FLA
367	GR for Double Walled Corrugated (DWC) HDPE Duct	GR/DWC-34/01- Sept.2007	TA	3	Not restricted	FLA
368	Micro Duct for FTTH Applications	GR/MDS-01/01.FEB 2010	TA	3	Not restricted	FLA
369	Digital wireless Access System with internet Access with Amendment No. 1 dated 16.06.2003	G/WLL-03/02.JUN2001	TA	5	Not restricted	Moblie
370	Radio Network (Base Station Controller & Base Transceiver Station) of WLL Systems based on cdma 2000 1X standards	GR/WLL-04/01.OCT 2003	NA	NA	Restricted	Moblie
371	MSC based Core network for CDMA 2000 1x system	GR/MSC-01/01.FEB 2004	NA	NA	Restricted	Moblie
372	Packet Core Network for CDMA 2000 1x system	GR/PCN-01/01.FEB 2004	NA	NA	Restricted	Moblie
373	CDMA RF Repeater	GR/RFR-01/01.FEB 2004	NA	NA	Restricted	Moblie
374	CDMA 2000 1x Remote Stations	GR/RST-01/01.JUN 2004	TA	5	Not restricted	Moblie
375	CDMA 2000 1x Ev-DO system	GR/EDO-01/01.JUN 2004	NA	5	Restricted	Moblie
376	CDMA 2000 1x Ev-DO Card	GR/RST-03/01.SEP 2004	TA	4	Available	Moblie
377	OTA for CDMA 2000 Network	GR/OTA-01/01.JAN 2005	NA	NA	Restricted	Moblie
378	WIN for CDMA 2000 Network	GR/WIN-01/01.FEB 2005	TA	4	Available	Moblie
379	GR of Optical Repeater for CDMA 2000 Network	GR/OPR-01/01.MAY 2005	Restricted	NA	Restricted	Moblie
380	BTS Tester for CDMA 2000 Network Amendment No.1	GR/TST-01/01.JUN 2005	TA	5	Available	Moblie

	dated 27.02.2007					
381	Protocol Analyser for CDMA 2000 Network	GR/TST-02/01 JUN 2005	TA	5	Available	Moblie
382	SMSC for CDMA 2000 Network	GR/SMS-05/01.JUN 2005	NA	NA	Restricted	Moblie
383	UMS Systems for CDMA 2000 Network	GR/UMS-02/01.JUN 2005	NA	NA	Restricted	Moblie
384	GR of MMSC for CDMA 2000 Network	GR/MMS-02/01.OCT2005	NA	NA	Restricted	Moblie
385	GR of R-UIM for CDMA 2000 Network	GR/UIM-01/01.OCT 2005	TA	5	Available	Moblie
386	GR for Mediation Equipment and CDMA 2000 networks sub-systems for Lawful Interception	GR/LIS-03/01.MAY 2006	NA	NA	Restricted	Moblie
387	GR on location Based Services/Systems for CDMA 2000 Networks	GR/LBS-02/01JUN 2006	NA	NA	Restricted	Moblie
388	GR on Drive Test Tool for CDMA 2000 Network	GR/TST-03/01.JUN 2006	NA	NA	Restricted	Moblie
389	GR on Post Processing Tool for CDMA 2000 Network	GR/TST-04/01.JUN 2006	NA	NA	Restricted	Moblie
390	GR on Enhanced Digital Wireless Access System with Broadband Internet System	GR/WLL-05/01.SEP 2006	TA	7	Restricted	Moblie
391	GR on Radio Network Planning Tools for CDMA 2000 1x &Ev-DO	GR/RPT-02/01.APR 2007	NA	NA	Restricted	Moblie
392	RADIO ACCESS NETWORK (RAN) FOR IP BASED CDMA2000 1X CORE NETWORK	GR/RAN-01/01. JUN 2008	NA	NA	Restricted	Moblie
393	CDMA2000 1x EV-DO Rev. A Access Network	TEC/GR/WS/ED O-001/02 /MAR-09	NA	NA	Restricted	Moblie
394	Voucher Management and Roaming Recharge Service for Mobile Networks	GR/VOM-01/01.FEB 2006	Vaildation	NA	Restricted	Moblie
395	Base Station Sub-system of IMPCS	GR/BSS-01/01.MAR 2004	NA	NA	Restricted	Moblie

396	BTS & Node B Tester for GSM, GPRS, EDGE and WCDMA Networks	GR/BTT-01/01.MAR 2007	TA	5	Not restricted	Moblie
397	Short Message Service Broadcast Service	GR/CBC-01/02.MAY.2006	Vaildation	5	Restricted	Moblie
398	Code Division Multiple Access Based Cellular Mobile Telecommunicatio n System (Errata dated 21/09/2000)	GR/CDM-03/01.FEB2000	Vaildation	8(Prov)	Restricted	Moblie
399	Global Maritime Disaster System	G/GMD-01/02.MAR2005	Vaildation	NA	Restricted	Moblie
400	General Packet Radio Service	GR/GPR-01/01.MAR2002	TA	NA	Not restricted	Moblie
401	General Packet Radio Services for GSM, GERAN and UMTS	GR/GPR-02/01.MAR2006	Vaildation	5	Restricted	Moblie
402	Intelligent Network System and Service description for GSM and WCDMA Networks	GR/ING-01/02.MAY2007	Vaildation	NA	Restricted	Moblie
403	Location Based Applications & Services	GR/LBA-01/01.MAR 2004	Vaildation	5	Restricted	Moblie
404	Location Based Information System	GR/LBS-01/01.MAR 2004 GR/LBS-02/01 JUN2006	Vaildation	5	Restricted	Moblie
405	Lawful Interception System for GSM Network	GR/LIS-02/01.MAR 2004	Vaildation	NA	Restricted	Moblie
406	Multimedia Messaging System (MMS)	GR/MMS-01/01.OCT2003	Vaildation	5	Restricted	Moblie
407	GSM Mobile Stations & Fixed Cellular Terminals	GR/MSG-01/02.MAR 2004	Vaildation	NA	Restricted	Moblie
408	User Equipment for WCDMA (3G)	GR/MSG-02/01.FEB 2006	Vaildation	NA	Restricted	Moblie
409	Network Switching Sub-system of IMPCS	GR/NSS-01/01.MAR 2004	Vaildation	5	Restricted	Moblie
410	India Mobile Personnel Communication System	G/PCS-01/02.JUL99	Vaildation	8 (Provisional)	Restricted	Moblie
411	Prepaid Scratch Cards	GR/ GR/P SC-01/02.FEB2008	TA	1	Not restricted	Moblie
412	GSM RF Repeaters and Distributed Antenna System	GR/RDA-01/01.MAY2005	Vaildation	3	Restricted	Moblie

413	Radio Network Planning Tool for GSM and WCDMA	GR/RPT-01/01.MAR2007	Vaildation	NA	Restricted	Moblie
414	GSM Subscriber Identity Module (SIM) Card	GR/WS/SIM-001/03.JAN 10	TA	3	Not restricted	Moblie
415	GSM Subscreeber Identity Module (SIM) Card (16KB)	GR/SIM-02/01.OCT2004	TA	5	Not restricted	Moblie
416	Universal Subscriber Identity Module (USIM)	GR/WS/SIM-003/02.JAN2010	TA	3	Not restricted.	Moblie
417	Short Message Service	GR/SMS-01/02.MAR2006	Vaildation	5	Restricted	Moblie
418	Intelligent Peripheral-Specialised Resource Point (IP-SRP)	GR/SRP-01/01.SEP2005	TA	5	Restricted	Moblie
419	Universal MobileT elecommunication System Terrestrial Radio Access Network	GR/UTR-01/01.JUN2005	Vaildation	5	Restricted	Moblie
420	Wireless Application Protocol (WAP) Network	SR/WAP-01/02.APR2007	Vaildation	NA	Restricted	Moblie
421	Wireless Application Protocol (WAP) Services	SR/WPS-01/01.MAR2002	Vaildation	NA	Restricted	Moblie
422	OTA for GSM , WCDMA network	GR/OTA-02/01, JUL 07	NA	NA	Restricted	Moblie
423	Drive Test Tool for GSM, GPRS, EDGE and WCDMA Networks	GR NO. GR/WS/DTG-001/01. MAR2009	Validation & mandatory Testing	NA	Validation	Moblie
424	Post Processing Tool for GSM, GPRS, EDGE and WCDMA Networks	GR NO. GR/WS/PPT-001/01.MAR2009	Validation & mandatory Testing	NA	Validation	Moblie
425	Small Size Base station Sub System	GR/Ws/BSS-002/02-1.DEC.2009	Validation to Govt.PSU/G ovt.agencies	NA	Validation	Moblie
426	Internet Exchange Point (IXP)	TEC/GR/SA/IXP-001/03.MAR 2009	TA	7	Not restricted	SA
427	Router	TEC/GR/SA/TCP-01/03.MAR09	TA	7	Not restricted	SA
428	GR on Router for Cordect System & amendment No. 1 issued on dt 26.10.2004.	GR/TCP-02/01. JAN 2003	TA	4	Not restricted	SA

429	Generic Requirement of ATM Core Switch	GR/ATM-01/04 FEB 2005	TA	9	Not restricted	SA
430	Generic Requirements of Multi Service ATM Access Multiplexer	GR/DCS-05/04 JAN 2005	TA	8	Not restricted	SA
431	Generic Requirement of ATM/Frame Relay Protocol Analyser.	GR/DCA-17/02 FEB2002	TA	6	Not restricted	SA
432	GR of ATM Performance Analyser	GR/DCS-06/02.AUG2004	TA	6	Not restricted	SA
433	Voice Quality Analyser	GR/DCS-12/01. AUG2003	TA	5	Not restricted	SA
434	VoIP Performance Analyser	GR/DCS-09/03 FEB 2006	TA	6	Not restricted	SA
435	High Speed Data Circuits Tester.	GR/DCA-04/04 SEP2005	TA	5	Not restricted	SA
436	Technical Requirements of tester for measurement of Digital parameters of low speed data circuits	G/DCA-05/03 FEB 2003	TA	5	Not restricted	SA
437	Generic Requirement of 64 Kbps line drivers for use on subscriber loop.Amendment No. 1 issued on dt 01.11.2004	G/DCA-12/04 JAN 2003	TA	4	Not restricted	SA
438	Generic Requirement of 2048 Kbps High speed line Driver	GR/DCA-14/03.JAN2005	TA	4	Not restricted	SA
439	Generic Requirements for Managed Leased Data Network & amendment No. 1 issued on dt 03.12.2004	GR/PDN-11/04.JUL2004	TA	9	Not restricted	SA
440	Technical Requirements of 64 Kbps Data Card in 2.048 Mbps First Order Multiplexer.	GR/DCA-13/03.DEC2002	TA	4	Not restricted	SA
441	Generic Requirement of Digital Service Unit/Channel Service Unit "DSU/CSU"	GR/DCA-15/02 JUL 2004	TA	4	Not restricted	SA
442	Metropolitan Area	GR/DCA-21/01	TA	9 (Prov)	Not restricted	SA

	Network (MAN)	NOV 2001				
443	Optical Router	GR/DCA-22/02 FEB-2006	TA	7		SA
444	ADSL Based Broadband n/w Amendment No. 1 dated 02.12.2004	GR/PDN-12/01 DEC 2002	TA	NA	Restricted	SA
445	GR on High Speed Internet Leased- line Access Line Doubler (HILALD)	GR/DCS-13/02 NOV 2006	TA	7	Not restricted	SA
446	Content Delivery Network	TEC/GR/SA/CD N-01/02. DEC 2009	TA	10	Not restricted	SA
447	Set Top Box (STB) for Content Services in IP Network	TEC/GR/SA/STB -001/02 DEC 2009	TA	5	Not restricted	SA
448	Protocol Analyzer	GR/DCS-14/01 FEB 2006	TA	6	Not restricted	SA
449	ISP (Internet Service Provider) Applications	GR/ISA-01/01 FEB 2006	TA	8	Not restricted	SA
450	Layer 4 to Layer 7 IP Switch	GR/LSW-02/01 FEB 2005	TA	8	Not restricted	SA
451	Ethernet to E1 Converter	GR/DCA- 23/01NOV 2006	TA	4	Not restricted	SA
452	Video Gateway System	TEC/GR/VGW- 001/01/MAR- 2009	TA	8	Restricted	SA
453	Video Streaming	TEC/GR/VST- 001/01/MAR- 2009	TA	8	Restricted	SA
454	Audio Streaming	TEC/GR/AST- 001/01/MAR- 2009	TA	4	Restricted	SA
455	Digital Data Distribution Frame	GR/PDN-01/03 OCT 2001	TA	3	Not restricted	SA
456	Internet Data Centre	TEC/GR/SA/IDC- 001/02 MAR 2010	TA	9	Not restricted	
457	ENUM Server (ENM)	TEC/GR/SA/EN M-001/01 MAR.2010	TA	NA	Not restricted	
458	Video Ring Back tone	TEC/GR/SA/VRT -001/01 MAR 2010	TA	NA	Restricted	
459	Video Surveillance Platform	TEC/GR/SA/VSP -001/01 MAR 2010	TA	NA	Restricted	
460	Metal Free Optical Fibre Cable	GR/OFC01/04.S EP.03/ GR/OFC- 01/05.JUN07	TA	6	Not restricted	T
461	Armoured Optical Fibre Cable for Direct Burial (U/G) with Amendment No. 1 dated 29.06.04	GR/OFC02/03.S EP.2003	TA	6	Not restricted	T

462	Self Supporting Metal Free Aerial Optical Fibre Cable (For Hilly & Rural Area)	GR/OFC-03/03.JUN.05	TA	6	Not restricted	T
463	Self Supporting Armoured Aerial Optical Fibre Cable	G/OFC-04/01.APR.94	TA	6	Not restricted	T
464	High Count Metal free Optical Fibre Cable (Ribbon Type for Access Network)	GR/OFC-05/02.MAR.06	TA	6	Not restricted	T
465	High Count Armoured Optical Fibre Cable (Ribbon Type For Access Network) with amendment No. 1 dated 11.04.02	GR/OFC-06/01.JAN.01	TA	6	Not restricted	T
466	Non Zero Dispersion Shifted Single Mode Metal Free Optical Fibre Cable	GR/OFC07/02.JUL.2007	TA	6	Not restricted	T
467	Non Zero Dispersion Shifted Single Mode Armoured Optical Fibre Cable with Amendment No. 1 dated 29.06.04	GR/OFC-08/01.AUG.01	TA	6	Not restricted	T
468	Optical Fibre Cable for Concrete surfaces	GR/OFC-09/01.MAY.04	TA	6	Not restricted	T
469	Optical fibre cable for Coastal Areas & High sub soil water condition	GR/OFC-10/01.FEB.2004	TA	6	Not restricted	T
470	Self Supporting Metal Free Aerial Optical Fibre Cable (For Urban areas)	GR/OFC-12/01.JUN.2005	TA	6	Not restricted	T
471	Outdoor Drop Optical Fibre Cable (Figure 8 Type) with Installation Accessories	GR/OFC-13/01.SEP.2005	TA	6	Not restricted	T
472	Flexible Optical Fibre Cable (For Indoor Applications)	GR/OFC-14/01.AUG.05	TA	6	Not restricted	T
473	Optical Fibre Drop Cable with Installation	GR/OFC-15/01.AUG.05	TA	6	Not restricted	T

	Accessories					
474	Micro Duct Optical Fibre Cable	GR/OFC-16/01.JUL.05	TA	6	Not restricted	T
475	Metal free Optical Fibre Cable (G.652 D Fibre)	GR/OFC-17/01.JUN.07	TA	6	Not restricted	T
476	Non-Zero Dispersion Optical Fibre Cable for Wideband Optical Transport (G.656 Fibre)	GR/OFC-18/01.NOV.08	TA	6	Not restricted	T
477	Optical Fibre Cable for FTTH application (G.657 A Fibre) Fibre Termination & Distribution Systems	GR/OFC-19/01.FEB.2009	TA	6	Not restricted	T
478	Fibre Distribution Frames	TEC/GR/TX/FDF-01/02/MAY-2010	TA	5	Not restricted	T
479	Fibre Distribution Management System (Type I, TypeII, TypeIII)	GR/FDM-01/02.APR.07	TA	7	Not restricted	T
480	Termination Box for Optical Fibre Cables (Metal Free & Armoured)	TEC/GR/TX/FTB-01/03/MAY-2010	TA	5	Not restricted	T
481	Fibre Termination & Distribution Box (For FTTH applications)	TEC/GR/TX/FTB-02/02.APR-2010	TA	5	Not restricted	T
482	Integrated Fibre Termination and Distribution System	GR/FTD 01/01.SEP.2003	TA	4	Not restricted	T
483	Optical Fibre Accessories				Not restricted	T
484	Installation Accessories and fixtures of Self Supporting Metal free Optical Fibre Cable	GR/OAF-01/02.JUL.2005	TA	3	Not restricted	T
485	Optical Fibre Jumpers (Type-I to Type-IV) &Adaptors (Type I to Type IV) and Hybrid Jumpers (Type-I to Type VI) & Hybrid Adapters (Type-I to Type VI)	TEC/GR/TX/OFJ-01/05/NOV-09	TA	To be decided by CACT	Not restricted	T
486	Splice Closure for Optical Fibre	TEC/GR/TX/OJC-002/03/APR-	TA	5	Not restricted	T

	Cables	2010				
487	Mechanical Splice For Optical Fibre	TEC/GR/TX/OMS-01/02-NOV 09	TA	3	Not restricted	T
488	Raw Materials used in Manufacturing of Optical Fibre Cable	TEC/GR/TX/ORM- 01/04/ SEP-09	Source	To be decided by CACT	Not restricted	T
489	Optical Fibre Splice Protection Sleeves	GR/PTS-01/02.APR.2006	TA	2	Not restricted	T
490	Optical Fibre Splice Protection Sleeves for Optical Fibre Ribbon	GR/PTS-02/02.DEC.2007	TA	2	Not restricted	T
491	Installation & Operation Tools					
492	High Precision Cleaver for Ribbon Fibre	GR/OCR-01/02.DEC.2007	TA	2	Not restricted	T
493	Hot Jacket Remover for Ribbon Fibre	GR/OJR-01/02.DEC.2007	TA	1	Not restricted	T
494	Tools for Installation & Operation of OFC & for Assembly of Optical Fibre Splice Closures	GR/OFT-01/03.APR.2006	TA	II(Type A) II (Type B) I(Type C) I(Type D) I (Type E)	Not restricted	T
495	Optical Instruments				Not restricted	T
496	Composite Optical Test instrument	GR/COI-01/01.FEB.2004	TA	6	Not restricted	T
497	Composite Optical Test Instrument (Power Meter & Light Source)	GR/COI-02/01.APR.2006	TA	6	Not restricted	T
498	Multi wavelength meter	GR/MWM - 01/01.DEC.2002	TA	5	Not restricted	T
499	Optical Dispersion Analyzer	GR/ODA - 01/01.MAR.2007	TA	7	Not restricted	T
500	Optical Fixed Attenuator (Type A & Type B)	GR/OPA - 03/02.APR.05	TA	2 (Type A)	Not restricted	T
501	Optical Variable Attenuator (Type A & Type B)	GR/OPA - 01/03.APR.05	TA	3 (Type A)	Not restricted	T
502	Optical Power meter (Type A & Type B)	GR/OPM - 01/03.JAN.5	TA	5(Type A)	Not restricted	T
503	Optical Talk Set	GR/OPT - 01/04.APR.2005	TA	4	Not restricted	T
504	Optical Spectrum Analyser	GR/OSA-01/02.AUG.07	TA	5	Not restricted	T
505	Optical Fibre Splicing Machine	GR/OSM - 01/03.APR.05	TA	5	Not restricted	T
506	Optical Fibre Splicing Machine for Ribbon Fibre	GR/OSM - 02/02.DEC.07	TA		Not restricted	T

507	Optical Fibre Splicing Machine (Portable)	GR/OSM-03/01.JUN.05	TA	5	Not restricted	T
508	Optical Time Domain Reflectometer (Type I) (1310 nm & 1550 nm wavelength) for Long Haul Applications	TEC/GR/TX/OTD-01/04/APR-2010	TA	5	Not restricted	T
509	Optical Time Domain Reflectometer (Mini) (Type-A & Type-B)	GR/OTD-02/03.MAR.2009	TA	5	Not restricted	T
510	Optical Time Domain Reflectometer (Type II) (1550 nm & 1625 nm wavelength) for Long Haul Applications	TEC/GR/TX/OTD-03/02/APR-2010	TA	5	Not restricted	T
511	Remote Fibre Monitoring System	GR/RFM-01/01.APR.04	TA	7	Not restricted	T
512	Stabilised Light Source Type A (1310 nm wavelength), Type B (1550 nm wavelength) & Type C (Dual wavelength)	GR/SLS-01/03.JAN.2005	TA	5 (Type-A) 5 (Type B) 6 (Type C)	Not restricted	T
513	PON OTDR (Type-A) for FTTH Applications	TEC/GR/TX/OTD-04/01/APR2010	TA	5	Not restricted	
514	PON OTDR (Type-B) for FTTH Applications	TEC/GR/TX/OTD-05/01/APR.2010	TA	5	Not restricted	
515	PON Power Meter for FTTH Applications	TEC/GR/TX/OPM-02/01 APR-2010	TA	5	Not restricted	
516	Multiplexing Equipments				Not restricted	T
517	2 Mb/ s Versatile Multiplexer	GR/ANE 01/04.SEP.2004	TA	6(Type A), 7 (Type B)	Not restricted	T
518	2 Mb/s PCM Multiplexing Equipment	GR/PCM 02/04.MAR.2009	TA	5	Not restricted	T
519	STM 1 Synchronous Multiplexer (with Amendment-1 dt.21.11.2008)	GR/SDH 04/03.MAR.05	TA	7	Not restricted	T
520	STM 4 Synchronous Multiplexer for TM, ADM & Multi ADM	GR/SDH 10/02.MAR.05	TA	8(Type A), 4(Type B)	Not restricted	T

	Applications (with Amendment-1 dt.21.11.2008)					
521	STM 16 Synchronous Multiplexer for TM, ADM & Multi ADM Applications (with Amendment-1 dt.21.11.2008)	GR/SDH 08/02.MAR.05	TA	8(Type A) , 5(Type B)	Not restricted	T
522	STM64 Synchronous Multiplexer at bit rates for (TM & ADM) for Metro Applications (with Amendment-1 dt.21.11.2008)	GR/SDH 07/01.MAR.05	TA	8	Not restricted	T
523	Digital Loop Carrier System (with Amendment No. 1 dated 21.10.99 and Amendment No. 2 dated 25.02.2000)	G/OAN 01/01.AUG.95	TA	7	Not restricted	T
524	WDM Equipments				Not restricted	T
525	16/40 Channel DWDM Equipment for Metro Applications at Channel bitrate up to 10G	GR/WDM 05/01.MAR.07	TA	8	Not restricted	T
526	8 Channel Coarse Wavelength Division Multiplexing (CWDM) Equipment at STM 16 Bit Rate	GR/WDM 04/01.JUL.03	TA	6	Not restricted	T
527	40 Channel DWDM Equipment Channel Bit rates up to 10 Gb/s for Core Network Applicant (with Corrigendum dated 3.8.2007).	GR/WDM 02/03.NOV.06	TA	8	Not restricted	T
528	80 Channel Dense Wavelength Division Multiplexing (DWDM) Equipment With Channel Bit-rates upto 10Gbps for Core Network Applications	GR/WDM-06/01.AUG.08	TA	8	Not restricted	T

529	40/80 Channel Dense Wave Length Division Multiplexing (DWDM) Equipmnet with channel Bit rates upto 40 Gbps for core network applications	TEC/GR/TX/WD M-007/01/APR-2010	TA	8	Not restricted	
530	Cross Connect Equipments				Not restricted	T
531	64 Kb/s Cross Connect with 2048 Kb/s access Port	GR/DTC-01 / 03.AUG.08	TA	7	Not restricted	T
532	SDH-based Digital Cross Connect system with 40G, 60G & 80G capacities	GR/DXC - 02/03.MAR.09	TA	8	Not restricted	T
533	Optical-Electrical-Optical (O-E-O) based Digital Cross-Connect (DXC) Equipment with Automatic Switched Optical Network (ASON) Capability	GR/DXC- 03/02.SEP.2008	TA	8	Not restricted	T
534	Multi Services Provisioning Platform (MSPP) with RPR Packet Ring Capability for ADM & DXC Applications (with Amendment-1 dt.21.11.2008)	GR/DXC- 04/01.DEC.05	TA	8	Not restricted	T
535	Test & Measuring Instruments				Not restricted	T
536	Ethernet Traffic Analyzer for Ethernet Transport Service Testing - Hand-held model	GR/ETA 04/01.DEC.07	TA	5	Not restricted	T
537	Ethernet Traffic Analyzer for Ethernet Transport Service Testing - Table-top model	GR/ETA 05/01.DEC.07	TA	5	Not restricted	T
538	10G Ethernet Traffic Analyzer for Ethernet Transport Service Testing	GR/ETA06/01.S EP.08	TA	5	Not restricted	T
539	Next Generation SDH Transport Network Tester @ STM 1, STM 1/ 4,	TEC/GR/TX/SDA -003/02/APR-2010	TA	6	Not restricted	T

	STM 1/4/16 at 1310 & 150 NM & STM 64 rates at 1550 NM Wave Lengths					
540	STM 1/4/16/64 and Standalone STM-64 SDH Analyzer without Jitter and Wander	GR/SDA-04/02.FEB.2009	TA	6	Not restricted	T
541	STM 1/4/16/64 and Standalone STM-64 SDH Analyzer with Jitter and Wander	GR/SDA -05/02.FEB.09	TA	7	Not restricted	T
542	Wavelength Division Multiplexing (WDM) Analyser	GR/WDA-01/02.FEB.09	TA	5	Not restricted	T
543	Ethernet Media Converter	GR/ EMC 01/01.SEP.06	TA	5	Not restricted	T
544	Synchronous Supply Unit	GR/SSU 01/03.OCT 09	TA	6	Not restricted	T
545	Digital Distribution Frame (with Amendment-1 dt. 13.11.2006)	GR/DDF 01/04.SEP.05	TA	4	Not restricted	T
546	Provider Backbone Bridge/ Provider Backbone Bridge – Traffic Engineering (PBB/PBB-TE) Based Carrier Ethernet Networks (CEN) for Access Network Applications.	GR/CEN-01/01.OCT.2009	TA	6	Not restricted	T
547	Provider Backbone Bridge/ Provider Backbone Bridge – Traffic Engineering (PBB/PBB-TE) Based Carrier Ethernet Networks (CEN) for Metro Aggregation Network Applications.	GR/CEN-02/01.OCT.2009	TA	6	Not restricted	T
548	Multi-Protocol Label- Switching - Transport Profile (MPLS-TP) Based Carrier Ethernet Network (CEN) for access (Edge) Network Applications	TEC/GR/TX/CEN-003/01/APR-2010	TA	6	Not restricted	T

549	Multi-Protocol Label- Switching - Transport Profile (MPLS-TP) Based Carrier Ethernet Network (CEN) for Metro Aggregations Network applications	TEC/GR/TX/CEN-004/01/APR-2010	TA	6	Not restricted	T
Note: TA=Type Approval, IA=Interface Approval, COA=Certificate of Approval, Standard= SD.		Category of Fees : 1=Rs17,500,Category 2= Rs 35,000, Category 3=Rs63,000,Category 4= Rs1,05,000, Category 5=Rs1,40,000, Category 6= Rs2,27,500, Category 7=Rs.3,50,000,Category 8=Rs.5,25,000, Category 9=Rs.10,50,000,Category 10=Rs.17,50,000				