

Annexure**A) Charges for specific general standards applicable for various products: -**

Sl. No.	<u>Standards</u>	Upper ceiling (in Rs.)
1.	Audio/Video, Information and Communication Technology Equipment IEC 62368-1	74500
2.	IT Equipment - Safety Requirement IEC 60950-1	73647
3.	Radio Transmitting Equipment-Safety IEC 60215	88750
4.	Mobile Device Indian Language Support IS 16333	32000
5.	Specific Absorption Rate (SAR) Testing-per Protocol/Band	352500
6.	Uninterrupted Power Supply (UPS)- Safety IEC 62040-1	78750
7.	Electrical Equipment for Measurement, Control and Laboratory Use- Safety IEC 61010-1	68333
8.	EMI/EMC Testing of Telecom Equipment	182281
9.	Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes IEC 62133	43333
10.	Environmental Testing QM 333	176438
11.	ECR Testing	55000

B) Charges for Various Interfaces :

Sl. No.	<u>Interfaces</u>	Upper ceiling (in Rs.)
1.	RF Test- 2.4 GHz- BLE/BT/WiFi- Per Band	138333
2.	RF Test- 5 GHz- Wifi- Per Band (Normally 3 band)	137857
3.	RF Test- 5.8 GHz- Wifi- Per Band (1 Band)	127857
4.	GSM/GPRS/EDGE per band	107500
5.	WDCMA/HSPA per band	138571
6.	LTE/LTE-A per band	149286
7.	LoRa	131667
8.	SigFox	165000
9.	NFC/RFID	133750
10.	5G NR (FR 1)-per band	400000
11.	ZigBee	161667
12.	6LoWPAN	161667
13.	FE/GE Electrical	35000
14.	1G Optical	54112

15.	10G Optical	50875
16.	40G Optical	63125
17.	100G Optical	73000
18.	25G Optical	64000
19.	50G Optical	63333
20.	200G Optical	72500
21.	400G Optical	72500
22.	STM-1 Optical	80000
23.	STM-4 Optical	82500
24.	STM-16 Optical	86250
25.	OTU-1	141250
26.	STM-64 Optical	98750
27.	OTU-2	153750
28.	OTU-3	108333
29.	OTU-4	108333
30.	2 Mbps-E1	79000
31.	34 Mbps-E3	73333
32.	DS3	113333
33.	STM-1 Electrical	62500
34.	2 Wire	51250
35.	ISDN BRI	50000
36.	ISDN PRI	80000
37.	SS7	247500
38.	Optical Fast Ethernet	43000
39.	10/100/1000 Base T	29167
40.	n*64Kbps	45000
41.	Fast Ethernet Electrical (for PABX)	195000
42.	Gigabyte Ethernet Electrical (for PABX)	195000
43.	USB 2.0	75000
44.	GPON	95000
45.	EPON	91000
46.	XGPON	90000
47.	XGSPON	90000
48.	NGPON2	90000
49.	10G EPON	80000
50.	WDMPON	95000

C) Charges specific to products for other test parameters (Parameter Linked with Product Variant) except EMI/EMC ,Safety Testing and Interfaces: -

SI. No.	<u>Product/Specification</u>	<u>Product Variant/Test Parameter</u>	<u>Upper ceiling (in Rs.)</u>
1.	BTS	Base station with AAS	2337450
2.		Base station with MSR	2337450
3.		Base station- eNodeB for LTE	1200000
4.		Hybrid Active Antenna System	1200000
5.		Base station-NodeB for WCDMA	1200000

6.	BTS	Base station for GSM		1200000
7.		Base Station 5G FR1		1200000
8.	Mobile User Equipment	Mobile Handset	Mobile Emergency Support- Panic Button	20000
9.			Mobile Emergency Support- Call on 112	20000
10.			Mobile Emergency Support- GPS	25000
11.			IMEI Number/MAC address	25000
12.	PON	ONT		111250
13.		ONU		161250
14.		OLT		150000
15.	Transmission Terminal Equipment-2	DWDM Equipment	Channel Spacing for 10G or 40G or 100G DWDM	72500
16.	LAN Switch	L2 Lan switch		87500
17.		MPLS TP Switch		41250
18.		L2 Unmanaged Switch		45625
19.		L3 Switch		152500
20.	Router	MPLS Router		245000
21.		BRAS Router		228500
22.		IPv6 Router		229167
23.		IPv4 Router		177917
24.		CCC Router		208000
25.	IP Security Equipment	Firewall		151250
26.		UTM		250000
27.		IPS/IDS		233333
28.	IP Multimedia Conferencing Equipment	IP Multimedia Conferencing Equipment		237500
29.	PABX	PABX		225000
30.	IP Terminal	SIP Terminal		225000
31.	Media Gateway	Media Gateway for CPE		112500
32.	IoT Gateway	IoT Gateway		165000
33.	InfiniBand Switch	InfiniBand Switch	*Subnet Manager	50000
34.	Radio Broadcast Receivers	All Motor vehicle RBRs requiring external power	GPS	250000
			Navic	250000
35.		All RBRs driven with inbuilt power source	GPS	250000
			Navic	250000
36.		Other devices having RBR interface	GPS	250000
			Navic	250000

37.	IoT Device-Smart Meter	IPV6, IPV4, Dual IP parameters , Functional Test (IoT Dev - Non-0 IMEI or MEID or Unique MAC)		275000
38.	IoT Device-Smart Camera	IPV6, IPV4, Dual IP parameters, Functional Test (IoT Dev - Non-0 IMEI or MEID or Unique MAC)		275000
39.	IoT Device-Tracking Device	Asset Tracking Device	IPV6, IPV4, Dual IP parameters, Functional Test (IoT Dev - Non-0 IMEI or MEID or Unique MAC)	275000
40.		Human Tracking Device	IPV6, IPV4, Dual IP parameters, Functional Test (IoT Dev - Non-0 IMEI or MEID or Unique MAC)	275000
41.		Pet Tracking Device	IPV6, IPV4, Dual IP parameters, Functional Test (IoT Dev - Non-0 IMEI or MEID or Unique MAC)	275000
42.		Standalone tracking device for Vehicle	IPV6, IPV4, Dual IP parameters, Functional Test (IoT Dev - Non-0 IMEI or MEID or Unique MAC)	275000
43.	IoT Device-Feedback Device	IPV6, IPV4, Dual IP parameters , Functional Test (IoT Dev - Non-0 IMEI or MEID or Unique MAC)		275000
44.	Soft Switch	Parameters linked with Product Variant		100000
45.	Mobile Radio Trunking System- Per Band	MRTS Base Station- Baseband plus Radio	ETSI EN 300 113, ETSI EN 300 086, ETSI EN 300 219, ETSI EN 300 166	225000
46.		MRTS Base Station- Radio Only	ETSI EN 300 113, ETSI EN 300 086, ETSI EN 300 219, ETSI EN 300 166	225000
47.		MRTS Fixed Station	ETSI EN 300 113, ETSI EN 300 086, ETSI EN 300 219, ETSI EN 300 166	225000
48.		MRTS Handheld Portable Station	ETSI EN 300 113, ETSI EN 300 086, ETSI EN 300 219, ETSI EN 300 166	225000
49.		MRTS Mobile Station	ETSI EN 300 113, ETSI EN 300 086, ETSI EN 300 219, ETSI EN 300 166	225000
50.	HF (High Frequency) Radio- Per Band	HF Base Station - Baseband plus Radio	ETSI EN 300 433, ETSI EN 301 783	175000

51.		HF Base Station - Radio Only	ETSI EN 300 433, ETSI EN 301 783	175000
52.		HF Fixed Station	ETSI EN 300 433, ETSI EN 301 783	175000
53.		HF Handheld Portable Station	ETSI EN 300 433, ETSI EN 301 783	175000
54.		HF Mobile Station	ETSI EN 300 433, ETSI EN 301 783	175000
55.	UHF/VHF Radio System	UHF/VHF Base Station- Baseband plus Radio	ETSI EN 300 113	255000
56.		UHF/VHF Base Station- Radio Only	ETSI EN 300 113	255000
57.		UHF/VHF Fixed Station	ETSI EN 300 113	255000
58.		UHF/VHF Handheld Portable Station	ETSI EN 300 113	255000
59.		UHF/VHF Mobile Station	ETSI EN 300 113	255000
60.	PTP PMP Microwave Fixed Radio Systems- Per Band	PTP PMP Full Outdoor Microwave Systems	ETSI EN 302 326-2, ETSI EN 302 217-2	800000
61.		PTP PMP Split MW Outdoor Unit	ETSI EN 302 326-2, ETSI EN 302 217-2	800000
62.		PTP PMP Split MW System	ETSI EN 302 326-2, ETSI EN 302 217-2	800000
63.	Optical Fibre Cable	OFC- Duct		916750
64.		OFC- Micro Duct		916750
65.		OFC- Direct Buried		916750
66.		OFC- DSA		916750
67.		OFC- In Home		671100
68.		OFC- ADSS on Aerial Alignment		916750
69.		OFC- ADSS on Power Line		916750
70.		OFC- Indoor		916750
71.		OFC- Indoor/Outdoor		916750
72.		OFC- Access Outdoor		916750
73.	Optical Fibre-Single Mode	Optical Fibre- G.652.D		1770667
74.		Optical Fibre- G.655		1770667
75.		Optical Fibre- G.656		1770667
76.		Optical Fibre- G.657.A1		1770667
77.		Optical Fibre- G.657.A2		1770667
78.		Optical Fibre- G.657.B3		1770667
79.		Optical Fibre- G.654.D		1770667
80.		Optical Fibre- G.654.E		1770667

81.	2-Wire Telephonic Equipment	2-Line Feature Phone	Parameter Linked with Product Variant	45000
82.		CLIP Phone	Parameter Linked with Product Variant	45000
83.		Coin Box Telephone	Parameter Linked with Product Variant	45000
84.		Coin Box Telephone - Table Top Interface	Parameter Linked with Product Variant	45000
85.		Electronic Telephone Instrument	Parameter Linked with Product Variant	45000
86.		Executive Telephone Systems	Parameter Linked with Product Variant	45000
87.		Key Telephone Systems	Parameter Linked with Product Variant	45000
88.		NSD or ISD Payphone	Parameter Linked with Product Variant	45000
89.		Terminals for connecting to PSTN	Parameter Linked with Product Variant	45000
90.	G-3 Fax Machine	FAX Machine with Handset	Parameter Linked with Product Variant	45000
91.		FAX machine without Handset	Parameter Linked with Product Variant	45000
92.	Conferencing Equipment	Audio Conference Facility Device	Parameter Linked with Product Variant	26667
93.		Multi line Telephone System	Parameter Linked with Product Variant	26667
94.	Signalling Gateway	Parameter Linked with Product Variant	CCS7 MTP2 Parameters CCS7 MTP3 Parameters	165000
95.	Cordless Telephone	Parameter Linked with Product Variant		40000
96.	SIM	eUICC - Consumer (GSMA compliance) / eSIM-Consumer		250000
97.		eUICC-M2M (GSMA compliance) / eSIM-M2M		250000
98.		eUICC-M2M (Non-GSMA Compliance)		250000
99.		SIM - Pluggable form factor		250000
100.		UICC based ISIM - Pluggable form factors		250000
101.		USIM - Pluggable form factor		250000
102.	Hypervisor	Hypervisor		850000
103.	Session Border Controller	Parameter linked with Product Variant		400000

104.	Modem	V.90 or V.92. or V.21 to V.34 Modem	Parameter linked with Product Variant	37500
105.	DSL Equipment	DSLAM	Over Voltage and over Current Protection on 2W- K.21	10000
106.		DSL Modem	Over Voltage and over Current Protection on 2W- K.21	10000

D) Charges for Security Testing:

Sl. No.	<u>Product</u>	Upper ceiling (in Rs.)
1.	IP Router	3787500
2.	Wifi CPEs	2620000
3.	ONT	2500000
4.	OLT	3925000
5.	SMF of 5G	4500000

E) The certification fee as prescribed by TEC/NCCS for the respective products.

F) The testing charges by TEC as per actual, in case testing is carried out by RTEC/TEC.