

Table C: Maximum ceiling for Design as Local Content out of total LC for Telecom Equipment

S.No.	Telecom Products, Services and Works	Maximum ceiling for Design as Local Content out of total LC
1.	Encryption/UTM platforms(TDM and IP)	55
2.	IP/MPLS Core Routers/ Edge/ Enterprise Router	40
3.	Managed Leased line Network Equipment	40
4.	Ethernet Switches(L2 and L3), Hubs	40
5.	IP based Soft Switches, IMS, Unified Communication Systems	40
6.	Wireless/Wireline PABXs/ IP PBX & / Media Gateways	45
7.	CPE (including Wi-Fi Access Points and Routers, Media Converters), 2G/3G/4G/LTE Modems. Leased-line Modems, NFV/SDN CPE	30
8.	Set-Top Boxes	35
9.	SDH/Carrier-Ethernet/MPLS- TP/ Packet Optical Transport equipment/PTN/OTN systems	45
10.	DWDM/CWDM systems	40
11.	GPON / XGS-PON, NG-PON2 equipment (including ONT and OLT)	40
12.	Optical/SDH/PDH Cross Connects/ OTN Cross-connects and optical MUX,OADM	40
13.	Small size 2 G/3 G GSM based Base Station Systems, with its various derivatives including rural & disaster response, Macro & Micro BTS, Small Cells, NIB, C-RAN BBU and RRH	40
14.	2 G/3 G GSM based Base Station Systems, with its various derivatives including rural & disaster response, Macro & Micro BTS, Small Cells, NIB, C-RAN BBU and RRH	40

15.	Small Size LTE/LTE-R Based Mobile Systems, with its various derivatives including rural & disaster communications, Macro & Micro eNodeB, Small Cells, EPC, NIB C-RAN BBU and RRH ,LTE/LTE-R/4.5 G/ 5 G based broadband wireless access systems (eNodeB, gNB, EPC, etc.)	40
16.	LTE/LTE-R Based Mobile Systems, with its various derivatives including rural & disaster communications, Macro & Micro eNode B, Small Cells, EPC, NIB C-RAN BBU and RRH ,LTE/LTE-R/4.5 G/ 5 G based broadband wireless access systems (eNodeB, gNB, EPC, etc.)	35
17.	Wi-Fi based broadband wireless access systems (Including Access Point, Aggregation Block, Core Block), Integrated Broadband system	35
18.	Microwave Radio systems (IP/Hybrid), Mobile Front haul BBU and RRH (CPRI, eCPRI, FlexE, RoE, NGFI)	35
19.	Software Defined Radio, Cognitive Radio systems	35
20.	Repeaters (RF/RF-over-Optical), IBS, and Distributed Antenna system	40
21.	Satellite based systems –Hubs, VSAT Disaster Communication Systems etc.	25
22.	Copper access systems (DSL/DSLAM), high-speed xDSL (G.fast)	35
23.	Network Management systems (NMS) with its various derivatives	50

24.	Security and Surveillance Communication Systems (video and sensors based) including Perimeter Security Systems	30
25.	Optical Fiber	NIL
26.	Optical Fiber Cable	NIL
27.	Telecom Power System (Including Solar Power)	30
28.	Telecom Batteries (Lead Acid & Li-ion)	30
29.	IP audio phones / IP video Phones / Analog adaptor	15
30.	SDN Software Controllers, NVF and CNF software	15
31.	Telecom Cloud infrastructure, Telecom Data centers	20
32.	2 way Analog/Digital radio including Walkie-Talkie & Mobile Radio	30
33.	Batteries of 2 way Analog/Digital radio including Walkie-Talkie	30
34.	Fiber Monitoring System	35
35.	M2M/IOT Subsystems	35
36.	Telecom Services/Works	NIL