

(भारत सरकार)/ GOVERNMENT OF INDIA
(रेल मंत्रालय)/ MINISTRY OF RAILWAYS
(रेलवे बोर्ड)/ RAILWAY BOARD

No. 2020/Tele/15(18)/1 (3319046)

New Delhi, Dated: 20.09.2021

General Managers,
All Indian Railways and Production
Units.
DGs, RDSO/ NAIR/ CTIs

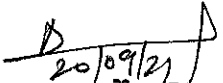
Chairman and Managing Director,
RailTel Corporation of India Limited (RCIL),
Plate-A, 6th Floor, Office Block Tower-2,
East Kidwai Nagar, New Delhi-110023.

Sub: - Public Procurement (Preference to Make in India) Order – 2017-
Notification of Telecom Goods, Services or works – regarding.

Ref:- Ministry of Communications, Department of Telecommunications
Notification No. 18-10/2017-IP dated 31.08.2021.

Please find enclosed herewith Ministry of Communications, Department of
Telecommunications, Public Procurement (Preference to Make in India) Order – 2017
Notification of Telecom Goods, Services or works dated 31.08.2021, for information and
further necessary action.

Encl: - As above.


20/09/21
(धर्मेन्द्र सिंह)

निदेशक/ दूरसंचार

दूरभाष: 011-23388504, 030-44613

ई.मेल: dtele@rb.railnet.gov.in

**[To be published in the Gazette of India, Part I, Section 1]
EXTRAORDINARY**

**No. 18-10/2017-IP
Government of India
Ministry of Communications
Department of Telecommunications**

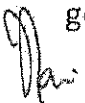
New Delhi, 31st August, 2021

Notification

**Subject: Public Procurement (Preference to Make in India) Order 2017-
Notification of Telecom Goods, Services or Works - regarding.**

**Reference: i) Department of Industrial Policy & Promotion (DIPP) Order No.
P-45021/2/2017-B.E.-II dated 15.06.2017
ii) Department of Industrial Policy & Promotion (DIPP) Order No.
P-45021/2/2017-PP (BE-II) dated 28.05.2018 – Revision
iii) Department for Promotion of Industry & Internal Trade
(DPIIT) Order No. P-45021/2/2017 (B.E.-II) dated 29.05.2019 –
Revision
iv) Department for Promotion of Industry & Internal Trade
(DPIIT) Order No. P-45021/2/2017 (B.E.-II) dated 04.06.2020 –
Revision
v) Department for Promotion of Industry & Internal Trade (DPIIT)
Order No. P-45021/2/2017 (B.E.-II) dated 16.09.2020 – Revision**

The Government has issued Public Procurement (Preference to Make in India), Order 2017 (hereinafter called as "PPP-MII Order") vide the Department of Industrial Policy and Promotion (DIPP) Order No. P-45021/2/2017-B.E.-II dated 15.06.2017 which is further revised vide Order dated 28.05.2018, Order dated 29.05.2019, Order dated 04.06.2020 and Order dated 16.09.2020 to encourage 'Make in India' and to promote manufacturing and production of goods and services in India with a view to enhancing income and employment.



2. Department for Promotion of Industry & Internal Trade (DPIIT) has identified Department of Telecommunications as the nodal Department for implementing the provisions related to procurement of goods, services or works related to the telecommunication sector.

3. Accordingly, the Department of Telecommunications, in supersession of its earlier notification No. 18-10/2017-IP dated 29th August, 2018 issues this notification.

4. In terms of clauses 3(a) of the PPP-MII Order dated 16.09.2020, it is declared that following telecom products, services or works are having sufficient local capacity and local competition:

S. No.	Product Category	Product Details
1	Encryption/ UTM (Unified threat management) platforms (TDM and IP) (Unified threat management)	TDM (Time Division Multiplex)
2		IP (Internet Protocol)
3	IP/ MPLS Core routers/ Edge/Aggregation/ Enterprise Router	SD-WAN Routers (SDN Category) Home / Enterprise - Core / Branch routers (<=1 Gbps)
4	Ethernet Switches (L2 and L3)	L2/L3 Ethernet Switches 1-100 GbE interface Switches (Metro and Enterprise) (stackable / standalone / modular switches), for Core / Distribution / Access Layers (including PoE/PoE+)
5		Industrial / Carrier Grade LAN 1, 10 GbE PoE/PoE+/Non-PoE Switches (Power over Ethernet)
6	IP based Soft Switches, IMS, Unified Communication Systems	IP PBX / Unified Communication Systems(UCS): Enterprise class
7	Wireline PABXs / IP PBX	Wireline PABXs / IP PBX

8	Customer Premises Equipment (CPEs) (including Wi-Fi Access points, low capacity Routers, Media Converters)	CPE (including Wi-Fi Access points and Routers), [Routers-These are small capacities - home class]
9	Leased-line Modems n* 2Mbps / IP	Leased-line Modems n* 2Mbps / IP
10	GPON equipment (including ONT and OLT)	GPON/XGPON equipment (including ONT and OLT)
11	SDH/ PDH Cross Connects	SDH/ PDH Cross Connects (STM : 1/4/16/64; E1/E3/DS3; Ethernet interfaces)
12	Small Size LTE/ LTE-R Based Mobile Systems, with its various derivatives	Macro eNode B, Category 2, as per TEC ENB GR (TDD/FDD) (ENB GR No. TEC/GR/WS/ENB-001/01/MAR-19)
13	Wi-Fi based broadband wireless access systems indoor & Outdoor (Including Access Point, Aggregation Block, Core Block)	Indoor AP (802.11 ax MIMO, 2.4 & 5 GHz bands)
14	Wi-Fi Access Controller (with interoperability and multi vendor AP support)	Type 1: <= 2000 AP support
15	Radio systems (IP/ Hybrid)	Radio systems (IP/ Hybrid) (5 GHz band - License Exempt band)
16	Repeaters (RF/RF-over-Optical), IBS and Distributed Antenna systems (indoor / outdoor) including Active & Passive Accessories	Repeaters (RF/RF-over-Optical), IBS and Distributed Antenna systems (indoor / outdoor) including Active & Passive Accessories
17	Satellite Phones (S Bands)	Both Voice and Data (upto 9.6 Kbps)
18	Disaster Communication Systems etc., including backpack satellite products (S Band)	TEC GR (TEC / TS TP / TX / PVT - 01/01/JAN - 11) for Portable Terminals Voice and Data (2 Mbps UL)
19	Telecom Network Management systems (NMS)	Carrier Class
20	with its various derivatives	Enterprise Class

21	Optical Fibre	Single Mode / Multimode Optical Fibre
22	Optical Fiber Cable	Optical Fiber Cable (UG & OH)
23	Telecom Power System (Including Solar Power)	UPS, Power Plant, Invertor (Including Solar Power) 0.5-1500 KVA
24		Power Plant: 1-2000 kva (Modular)
25	Telecom Batteries (Lead Acid & Li-ion)	Lead Acid up to 5000 AH (Including VRLA)

The list will be reviewed time to time to keep up with improved production capacities in the country.

5. The definition of Local Content shall be as per clause 2 of the PPP-MII Order dated 16.09.2020. In accordance with clause 5 of the PPP-MII Order dated 16.09.2020, it is hereby clarified that that if Printed Circuit Board Assembly (PCBA) and testing from imported/domestically manufactured parts and components using Surface Mounting Technology (SMT) process is done in India, then Imported/domestically manufactured parts and components will be qualified for the purpose of Local Content. This shall be reviewed when the semiconductor FAB in India is operational.

6. In terms of clause 9(d) of PPP-MII Order dated 16.09.2020, the following Committee is constituted for complaints and independent verification of self-declarations and auditor's/accountant's certificates on random basis:

- | | |
|---|--------------|
| a) DDG(TC), TEC, New Delhi | -Chairperson |
| b) Director (Technical), C-DOT | - Member |
| c) Any other member(s) as co-opted by the chairperson | - Member |
| d) DG, TEPC | - Member |
| e) Director (Finance), DoT | - Member |
| f) Director, TEC | - Convener |

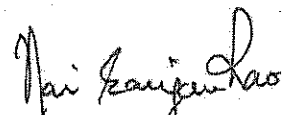
7. In case a complaint is received by the procuring entity or the concerned Ministry/Department against the claim of a bidder regarding Local Content (LC) in a locally supplied telecom goods, services or works, the same shall be

referred to the Committee as in para 6 above. The Committee should dispose of the complaint within 4 weeks, as far as possible, from the date of receipt of complaint along with all necessary documentation in support of Local Content claimed by the bidder.

8. In terms of clause 9 (e) of PPP-MII Order dated 16.09.2020, it is hereby notified that there will be a minimum complaint fee of Rs. 2 Lakh or 1% of the value of the locally supplied telecom goods, services or works being procured (subject to a maximum of Rs. 5 Lakh), whichever is higher, to be paid by Demand Draft or online, and to be deposited with Telecommunications Engineering Centre (TEC), as the case may be, or with any other third party testing laboratories or technical auditors accredited by TEC along with the complaint by the complainant. In case, the complaint is found to be incorrect, the complaint fee shall be forfeited. In case, the complaint is upheld in part or full, deposited fee of the complainant will be refunded without any interest.

9. The notification would also be applicable to all Central Schemes (CS)/ Central Sector Schemes (CSS) for which procurement is made by States and local bodies, if that project or scheme is fully or partially funded by Government of India including Universal Service Obligation Fund (USOF) projects.

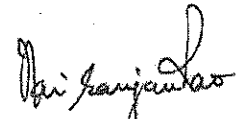
10. The Notification comes into effect immediately and will remain in force till any further revision is made. It is clarified that, except specific amendments to Nodal Ministry, all other revisions/amendments in PPP-MII Order, 2017 shall be followed strictly.


(Hari Ranjan Rao)

Joint Secretary to the Government of India

Copy to:

1. All Ministries/ Departments of Government of India.
2. Cabinet Secretariat / PMO / NITI Aayog / Comptroller & Auditor General of India.
3. PS to Hon'ble Minister of Communications.
4. PS to Hon'ble Minister of State for Communications.
5. PPS to Secretary (Telecom)/Additional Secretary (T)/Administrator, USOF.
6. PPS to Member (T) / Member(S) / Member(F) / Advisor(T) / Advisor(O) / Wireless Advisor.
7. Sr. DDG, TEC, Khurshid Lal Bhawan, New Delhi.
8. JS (A)/JS (T)/CVO/All DDGs.
9. All PSUs/Autonomous bodies under Department of Telecommunications.



(Hari Ranjan Rao)

Joint Secretary to the Government of India