

**GOVERNMENT OF INDIA
COMMUNICATIONS AND INFORMATION TECHNOLOGY
LOK SABHA**

UNSTARRED QUESTION NO:1502

ANSWERED ON:29.07.2015

4G Network

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Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

- (a) the details of telecom operators who hold licenses to provide 4G services, circlewise;
- (b) whether there is satisfactory access to 4G network in the country and if so, the details thereof along with the 4G mobile towers installed by public and private telecom operators, operator and State-wise;
- (c) whether there is shortage of electronic parts/components for these services in several telecommunication districts of BSNL;
- (d) if so, the details thereof along with the reasons therefor and the action taken by the Government in this regard; and
- (e) whether the Government proposes to allot/auction 4G spectrum and if so, the details thereof along with the likely date for the said auction?

Answer

THE MINISTER OF COMMUNICATIONS AND INFORMATION TECHNOLOGY
(SHRI RAVI SHANKAR PRASAD)

(a) Cellular Mobile Telephone Service (CMTS) License/ Unified Access Services License (UASL)/ Unified License (Access Services)/ Unified Licenses (UL) with authorization for providing Access Services issued to Telecom Service Providers (TSPs) permit the licensees to provide mobile services using any technologies including 2G, 3G or Long Term Evolution (LTE) technologies, commonly known as 4G, subject to holding of adequate spectrum in appropriate band. List of Licensees is enclosed as Annexure-I.

(b) Public Sector Enterprises viz. BSNL and MTNL do not provide 4G services as on date. Some of the private TSPs have launched 4G services in some cities/ towns in the country and as of now rolling out of such services is in nascent stage. Further, the TSPs have stated that there is limitation in development and deployment of the network and device ecosystem of Broadband Wireless Access (BWA) LTE-TDD (Time-Division Duplex) technology for 2300 MHz band due to which operators are constrained to wait for this ecosystem to mature for widespread use of services on LTE Network. Since, the TSPs are permitted to provide services using any technology, separate details of 4G Mobile Towers installed by private telecom operators are not maintained.

(c) to (d) As per reports from BSNL, it is currently deploying 2G/3G equipment in its licensed service areas and at present there is no shortage of electronic parts/ components for these services in any license service area.

Further, private Telecom Service Providers (TSPs), in general, have reported that there is no shortage of electronic parts/components for 4G services.

(e): Available access spectrum for telecom services in different frequency bands is being put to for auction from time to time. As of now, no date has been fixed up for auction.