

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

UNSTARRED QUESTION NO:48
ANSWERED ON:26.07.2010
INSTALLATION OF TELECOM TECHNOLOGY
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Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

- (a) whether the Bharat Sanchar Nigam Limited (BSNL) proposes to adopt a new telecom technology through a Private telecom company;
- (b) if so, the details thereof alongwith the reasons therefor;
- (c) whether any demo/trial testing was conducted to check the quality of the said technology before procuring the same;
- (d) if so, the outcome thereof; and
- (e) the reaction of the Government thereto?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI SACHIN PILOT)

(a)&(b) Yes, Madam. BSNL has been progressively inducting newer technologies through private and / or public sector telecom companies; selected through their participation in the bidding process.

Some of the newer technologies inducted in the network are:

- (i) GSM mobile 2G
- (ii) GSM Mobile 3G
- (iii) Wireline (DSL) Broadband
- (iv) WiMAX
- (v) CDMA WLL
- (vi) EVDO
- (vii) IP Tax
- (viii) Digital Satellite Phone Terminal (DSPT)
- (ix) MLLN
- (x) FTTH / GPON / GEPON etc

For providing better services to its valued customers, BSNL will progressively induct newer technologies in its network, in accordance with the laid down procedures on the subject.

(c) The various technologies are procured based on the specifications mentioned for such procurement and the relevant GRs released by Telecommunication Engineering Centre (TEC). Further Quality Assurance (QA) tests are carried out at factory site before supply of the equipment. Subsequent to equipment installation at site, the Acceptance Testing (AT) is also carried out before its induction in BSNL network. For Wi-MAX equipment, being a newer technology, Proof of concept trial testing was also carried out before its induction in the network.

(d)&(e) These technologies have been successfully inducted in the BSNL network.