

#### 4G Technologies

3721. SHRI RAJEEV CHANDRASEKHAR: Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

(a) whether the TRAI proposes to bring out a consultation paper on introducing 4G technologies; and

(b) if so, by when this consultation paper is likely to be released?

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI GURUDAS KAMAT): (a) Yes, Sir.

(b) TRAI has issued a pre-consultation paper to identify the issues involved in introduction of 4G such as allocation & pricing of spectrum for such services and issues related to licensing. Various stakeholders have given their views/comments at the pre-consultation stage which are being analysed by TRAI for preparation of consultation paper. Efforts are being taken by TRAI to bring this consultation paper at an early date.

#### WLL phone network

3722. SHRI MANGALA KISAN: Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

(a) the details of the services made available in Odisha under telecom facilities,

(b) the number of villages in which WLL Phone Service has been made available in Odisha;

(c) the number of villages still to be linked with WLL phone network; and

(d) the time by which the WLL facility is likely to be provided in all the villages of the State?

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI GURUDAS KAMAT): (a) Bharat Sanchar Nigam Limited (BSNL) is providing landline, Global System for Mobile Communications (GSM) and Code Division Multiple Access (CDMA) telecom services in Odisha.

(b) Wireless in Local Loop (WLL) service is available in 43,222 villages in Odisha. Out of this, 29,492 villages have been provided with WLL Village Public Telephone (VPT) facility.

(c) 4307 villages are yet to be linked with WLL facility.

(d) At present, BSNL does not have any plan to cover more villages on WLL network due to techno-commercial reasons.

**Security clearance on all network equipments**

3723. SHRI B.K. HARIPRASAD: Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

(a) whether the Department of Telecom has made it mandatory for all telecom operators in the country to get security clearance on all the network equipment;

(b) whether in pursuance of this decision, Government proposes to set up a Telecom Testing and Security Certification Centre to address the security concerns associated with suspect vendors;

(c) whether this proposed testing and certification agency will be modelled after the China Information Technology Certification Centre; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI GURUDAS KAMAT): (a) Sir, amendments have been issued in December, 2009 in the Licence Agreements of all Telecom Service Providers for security related concerns stipulating that the LICENSEE(S) shall apply to the Licensor for security clearance, along with the details of the equipment(s) as well as details of equipment(s) suppliers and manufacturers including Original Equipment Manufacturers (OEM), before placement of the final purchase order for procurement/upgradation of equipment/software for provisioning of telecommunications services under the licence and that it shall also include any such activity by the franchisee, agents or person of that licensees. In case, no response is received from the Licensor within thirty working days, it shall be presumed that there is no objection to the procurement.

(b) to (d) The centre for Telecom Testing and Security Certification is one module of the proposed scheme for Centre of "Communication Security Research & Monitoring", after a thorough study.

**Canadian cyber authority team**

3724. SHRI B.K. HARIPRASAD: Will the Minister of COMMUNICATION AND INFORMATION TECHNOLOGY be please to state:

(a) whether the recent revelations by a Canadian Cyber Security team include deep penetration into Indian Security establishments including National Security Council, Military Intelligence Wings and even the Prime Minister's Office by Chinese cyberspy network code named Shadow network;