

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

STARRED QUESTION NO:296  
ANSWERED ON:10.03.2006  
MODERNISATION OF TELEPHONE EXCHANGES  
Adhalrao Patil Shri Shivaji

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

- (a) whether the Government has formulated any policy for modernisation of existing telephone exchanges in the country;
- (b) if so, the details thereof;
- (c) the details of telephone exchanges likely to be modernised during the remaining period of Tenth Five Year Plan, State-wise; and
- (d) the expenditure likely to be incurred thereon?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (DR. SHAKEEL AHMAD)

(a) to (d): A statement is laid on the Table of the House.

STATEMENT TO BE LAID ON THE TABLE OF THE LOK SABHA IN RESPECT OF PARTS (a) TO (d) OF LOK SABHA STARRED QUESTION NO. 296 FOR 10TH MARCH, 2006 REGARDING MODERNISATION OF TELEPHONE EXCHANGES.

(a) & (b) Bharat Sanchar Nigam Ltd. (BSNL) and Mahanagar Telephone Nigam Ltd. (MTNL) are continuously modernizing the telephone exchanges and the network. Replacement of obsolete, worn out and life expired switching equipment is a continuous process. All the new exchanges and associated equipments are of latest state-of-art technology. List of Prominent technologies of various manufacturers in use in the telephone exchanges of BSNL and MTNL is given below:-

**Technologies in use for telephone exchanges in BSNL & MTNL**

S.No.	Public Switched Telephone Network (PSTN) network (GSM) network	Global System for Mobile Communication	System Local (WLL) network	Wireless Loop	in
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1	OCB-283	Ericsson	Motorola		
2	EWSD	Motorola	Fujitsu		
3	5-ESS	Nokia	HFCL-Huawei		
4	AXE-10	ITI-Lucent	LG		
5	FETEX-150L	Siemens	ITI-Lucent		
6	NEAX-61E	Nortel	ITI-ZTE		
7	C-DOT	ITI-Alcatel	ICOMM-ZTE		
8	E-10B				

(c) & (d) MTNL and BSNL have proposed to incur Rs.61.8 crore and Rs. 44.93 crore respectively during 2006-07 to replace E-10B switching equipment with New technology, fully Digital exchanges. State-wise details of the switching capacity proposed to be replaced during 2006-07 is given in the Annexure.

**ANNEXURE**

**PLANS FOR MTNL & BSNL REPLACEMENT OF E-10 B SWITCHES**

MTNL

Sl. No.	Unit/Telecom Circle	Capacity of equipment to be replaced (In K lines)	of E-10B switching
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1. Delhi 41.0
2. Mumbai 166.1

BSNL

Sl. No Unit/Telecom Circle Capacity of E-10B switching equipment to be replaced (In K lines)

1	Assam	6	
2	Bihar	24	
3	Chhatisgarh	6	
4	Haryana	20	
5	Jharkhand	2	
6	Kerala	25	
7	Madhya Pradesh	18	
8	North East-I	8	
9	North East-II	6	
10	Orissa	2	
11	Punjab	7	
12	Tamil Nadu	13	
13	Uttaranchal	6	
14	Uttar Pradesh (E)	3	
15	Uttar Pradesh (W)	17	
16	West Bengal	5	
17	Kolkatta	11	
	Total	179	