

**GOVERNMENT OF INDIA  
ROAD TRANSPORT AND HIGHWAYS  
LOK SABHA**

UNSTARRED QUESTION NO:7300

ANSWERED ON:21.05.2012

ELECTRONIC TOLL COLLECTION SYSTEM

Angadi Shri Suresh Chanabasappa;Dubey Shri Nishikant ;Ramasubbu Shri S.;Singh Shri Ravneet;Thamaraiselvan Shri R.

**Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:**

- (a) whether the Government proposes to introduce Radio Frequency Identification (RFID) technology to simplify toll collection on National Highways across the country;
- (b) if so, the details thereof alongwith its present status and the State-wise details of toll plazas where this facility of electronic toll collection has been provided; and
- (c) the steps taken by the Government to make this facility available on all the toll plazas of the country and the extent to which the said technology will ease the traffic in toll plazas?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF ROAD TRANSPORT AND HIGHWAYS (SHRI JITIN PRASADA)

(a) Yes, Madam.

(b) When the vehicle fitted with the RFID (Radio Frequency Identification) Tag passes through the Toll Plaza, the reader installed at the dedicated ETC lane reads the unique number of Tag and transmit this information to the Central Clearing House. The Account of this Tag number is debited with the pre-fixed amount and this amount is transferred to the respective Toll Operators through Bank at the end of Shift/Day. The boom of the barrier for such toll lane after deducting the toll tax will automatically allow the vehicle to pass.

(c) A pilot project already under implementation on Zirakpur-Parwanoo Section of NH-22. This will ensure seamless movement of traffic. NHAI has been further entrusted with the work of implementing the ETC system on National Highways across the country.