

**GOVERNMENT OF INDIA  
RAILWAYS  
LOK SABHA**

UNSTARRED QUESTION NO:3599  
ANSWERED ON:15.12.2011  
SIGNALLING SYSTEM IN DELHI KANPUR SECTION  
Premdas Shri

**Will the Minister of RAILWAYS be pleased to state:**

- (a) the details of work on the signalling system on Delhi-Kanpur rail line;
- (b) the amount of funds spent thereon alongwith the extent to which the said work has been completed;
- (c) whether contract for the said work has been awarded to a foreign company;
- (d) if so, the reasons for giving preference to the said company in comparison to Indian companies for awarding the said contract;
- (e) whether any monitoring committee has been constituted for checking the quality of material used and the work done by the said company; and
- (f) if so the benchmarks used by the said committee?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI K.H. MUNIYAPPA)

(a) to (f): A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY OF PARTS (a) TO (f) OF UNSTARRED QUESTION NO. 3599 BY SHRI PREMDAS TO BE ANSWERED IN LOK SABHA ON 15.12.2011 REGARDING SIGNALLING SYSTEM IN DELHI-KANPUR SECTION.

(a) The project of "Modernisation of Signalling and Telecommunication system on Kanpur-Ghaziabad section" is under execution on Delhi-Kanpur Line. In this work, the existing old and overage interlocking systems are being replaced by Electronic Interlocking Systems. Block working is being changed from Absolute Block System to Automatic Block Working along with provision of Mobile Train Radio Communication and Centralised Traffic Control.

(b) The amount spent so far in this work on Signalling is 180 Crore (Approx). Electronic Interlocking system has been provided at 22 stations and Automatic Block Working has been provided on 28 block sections out of 47 stations and block sections.

(c) & (d) The contract is awarded to a Consortium of 5 companies consisting of 2 Indian Companies and 3 Foreign Companies. The Consortium Leader is an Indian Company. The contract for this work was awarded by inviting global open bids. Being an open competitive tendering process, no preference was given to any company.

(e) To ensure quality of material used in the work, inspection is carried out by Research Design and Standard Organisation (RDSO) and Rail India Technical Economic Services (RITES). Benchmarks for inspections are laid down by the Railway in the Verification and Validation (V&V) documents. Company does internal checks as per V&V documents and thereafter, the system is offered to Railway for inspection. Committee of Project Management Consultant and Railway Engineers does the checks and approves to ensure quality of work done.

(f) Benchmarks used for inspections and acceptance are based on RDSO specifications/checklist which are stipulated by the Railways for carrying the checks.