

GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS

**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 2051**  
**ANSWERED ON 17.03.2023**

**TECHNICAL BREAKDOWNS IN VANDE BHARAT TRAINS**

**2051 # SHRI SANJAY SINGH:**

Will the Minister of RAILWAYS be pleased to state:

- (a) details of instances of technical breakdowns and damages in Vande Bharat trains during last four years;
- (b) whether Government has constituted any committee to investigate reasons for breakdowns, if so, details thereof;
- (c) details of proposed/operational/under-manufacturing Vande Bharat Trains during last five years;
- (d) details of deals inked with private companies associated with its manufacturing and quantum of expenses incurred thereon; and
- (e) whether contract for supplying most of the train equipment was awarded to a company name Medha, if so, the reasons therefor, including its experience in the work field and criteria for its selection for awarding contract?

**ANSWER**

MINISTER OF RAILWAYS, COMMUNICATIONS AND  
ELECTRONICS & INFORMATION TECHNOLOGY

(SHRI ASHWINI VAISHNAW)

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

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**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) UNSTARRED QUESTION NO. 2051 BY SHRI SANJAY SINGH ANSWERED IN RAJYA SABHA ON 17.03.2023 REGARDING TECHNICAL BREAKDOWNS IN VANDE BHARAT TRAINS**

(a) & (b): There have been no instances of major technical breakdown of Vande Bharat Trains. However, some instances of damages/ breakdown in Vande Bharat trains, such as bearing failure (01 Case), incidents of cattle/human run over, automatic door closing systems and damage to window glasses due to stone pelting etc., have been observed. Appropriate actions in all these matters have been taken.

(c): Indian Railways has planned to manufacture 75 Vande-Bharat Chair Car Trains that would connect different parts of the country.

Ten Vande Bharat trains are presently running in service over Indian Railways as indicated below:

- Two (16 car Chair Car) Vande-Bharat Express are in service (NDLS– Varanasi & NDLS – SVDK) since 2019.
- Eight new and improved version of Vande-Bharat trains with enhanced safety features, better ride index, and passenger amenities have been introduced in regular service (MMCT-GNC, NDLS-AADR, MAS-MYS, BSP-NGP, HWH-NJP, SC-VSKP, CSMT-SNSI, CSMT-SUR).
- Manufacturing of Vande Bharat Sleeper Trains are also planned for middle and long distance trains journey.
  - Design for the same is in progress and prototype rake is expected in 2023-2024.
- Besides, 400 Vande-Bharat Sleeper Rakes are planned to be manufactured in Indian Railway Production Units utilising IR Manpower by selecting a Technology partner as follows:
  - 200 Vande Bharat rakes at ICF, Chennai and MRCF, Latur. Tender opened on 30.11.2022.
  - 100 Vande Bharat rakes at RCNK, Sonipat. Tender opened on 23.02.2023.
  - 100 Vande Bharat rakes at MCF, Raebareli. Tender under process

(d) & (e): Based on advertised tender, a contract agreement dated 16.02.2021 was signed with the successful bidder i.e. M/s Medha Servo Drives Pvt. Ltd., Hyderabad, for design, development, manufacture, supply, integration, testing and commissioning of IGBT based 3-phase propulsion, control and other equipment (including bogie) for train sets suitable for operation on 25 KV AC OHE system for 57 rakes (16 car each), along with CAMC (Comprehensive Annual Maintenance Contract) for 5 years after warranty period. The value of the contract is approximately Rs. 2914 Crores.

IR has also placed an order for 58 rakes of Vande Bharat propulsion system to the following firms:

- M/s Medha Servo Drives-29 Rake sets
- M/s Bombardier transportation -16 Rake sets
- M/s Siemens Ltd.-9 Rake sets
- M/s BHEL Ltd. -4 Rake sets