



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
Powai, Mumbai 400076.

For PR No.1000016233 (RFx No.6100000459)

Technical Specifications Bus Chassis for Soil Sampling and Solar Training

Energy access, energy sustainability and climate change mitigation are the contradictory challenges of today that are faced by the humanity. In order to bring awareness among masses on these issues and to promote use of solar energy, a solar bus yatra, referred as Energy Swaraj Yatra is planned during 2020 to 2030.

The bus will house solar training facility, soil testing facility, demonstration of solar power equipments as well as living facility. The bus will be customized with proper partitions, interiors and demonstration of solar systems.

This procurement is for the bus chassis only. Quotations are invited for the following technical specifications of the bus chassis:

Specifications of the Bus chassis

- Engine power – 125HP
- Engine type – Diesel BS VI
- Wheelbase – min 5400 mm
- Tyre size – Min 235/75 R17.5 or 295/80 R22.5
- Max width – 2340 to 2550mm
- Length – 11 to 12m
- LP or LPO model
- Brakes – Air brakes
- Steering – Power steering
- Suspension – Parabolic/ Waveller suspension
- Fuel tank capacity – 150 to 175Liters
- GVW – 10200 to 16000kg
- Air conditioner – not required
- 4 Years/4 Lakh km Warranty

Please note :- Quotations invited only for Bus chassis with the above specifications.