

GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
RAJYA SABHA
UNSTARRED QUESTION NO. 1346
TO BE ANSWERED ON: 06.12.2024

EV SUB-SYSTEMS UNDER MEITY-MHI JOINT CALL FOR PROPOSALS

1346. SHRI SANJAY SETH:

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

- (a) The details of the number of proposals received and accepted for the development of Electric Vehicle (EV) sub-systems under MeitY-MHI Joint Call for Proposals;
- (b) The data on financial assistance and incentives that would be given by Government for the development of EV sub-systems;
- (c) In what manner this initiative is expected to position India as a global leader in the EV sector as well as contribute to Atmanirbhar Bharat Vision; and
- (d) The manner in which Government plans to ensure standardization and testing of these sub-systems produced to meet global standards?

ANSWER

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI JITIN PRASADA)

(a) to (c): Electric vehicles provide a range of environmental to economical benefits over conventional vehicles. Currently major sub-systems/ components of EVs are being imported and most of them are not designed as per Indian environment and driving conditions. Hence, to promote development of indigenous technologies and thereby strengthen the local manufacturing base, MeitY in association with Ministry of Heavy Industries (MHI) has initiated a joint Research & Development (R&D) programme for development of Electric Vehicles Sub-Systems (EVSS).

In this regard, a Call for Proposal (CFP) for the R&D of EV sub-systems has been announced and the proposals will be received up to 5.12.2024. Major R&D areas in EV sector like development of Electric Drive Trains, Charging Infrastructure (AC/DC), Grid Disturbances, and Battery Management Systems (BMS) with safety and intelligence are included in this CFP.

MeitY will provide the financial support as grant-in-aid to carry out R&D activities for the development of EV sub-systems. MHI will support the testing & certifications of the developed technologies as per the standards alongwith the propagation of these technologies.

The indigenization of EV sub-system technologies is expected to reduce dependence on imports and enhance the commercialisation for domestic manufacturing. Therefore, the availability of indigenous technologies/ products will contribute to the Atmanirbhar Bharat vision of India.

(d): The testing and certifications of the developed sub-systems as per the standards is an essential activity to ensure safety and facilitate broader user acceptance. To take care of this, the recognized agencies such as the Bureau of Indian Standards (BIS), the Automotive Research Association of India (ARAI), the International Centre for Automotive Technology (ICAT), the Global Automotive Research Centre (GARC), and the National Automotive Test Tracks (NATRAX) will be closely associated with the projects. Efforts will also be made to adopt and adhere to international standards as notified by the International Organization from time to time.
