

हरियाणा केंद्रीय विश्वविद्यालय
Central University of Haryana

Invitation to Supplier for presentation related to Green-Mobility (Electrical Vehicles) Lab

Central University of Haryana is one of the fifteen new Central Universities established by Ministry of Human Resource Development, Government of India (Gol) in XI Five Year Plan (2007-2012) under the Central University Act-2009 of the Parliament.

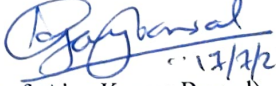
The Central University of Haryana is in the process to establishment of Green Mobility (Electrical Vehicles) Laboratory for Teaching, Training and Research. The major tentative requirements are:

1. A complete, end-to-end electric vehicle (EV) study & research facility as per the industry practice powered with E-Mobility software package.
2. E-Mobility tools & platforms must cover vehicle-to-vehicle (V2V), vehicle-to-infrastructure (V2I), vehicle-to-everything (V2X), AV, and ADAS development.
3. Compatible hardware platforms for real-time co-simulation & test-bed experiments with SIL (Software-in-the-loop), PIL (Processor-in-the-loop) & HIL (Hardware-in-the-loop) functionality.
4. The tentative Hardware must include the following and they must be compatible to the software: Electric Vehicle Tool Kit, EV / HEV Powertrain & Drivetrain System, EV Real Time Digital Twin Platform with Data Analytics / IoT / AI, EV Motor Test Dyno Setup, Battery monitoring, modeling and Design Optimization, EV Chargers, Charging Stations & Wireless Charging, Real time EV Motors & Controller Integration, 2-Wheeler, 3-Wheeler & 4-Wheeler Testing (Real-Time), Hydrogen Fuel Cell System Trainer with Hybrid EV Emulator & Battery Charging Setup etc.

The suppliers/vendors having experience of **same completed work in last 3(three) years** for Centrally Funded Technical Institutes (CFTI) are invited for the presentation on **Wednesday, July 26, 2023**. The interested suppliers/vendors must **send their willingness along with relevant brochure and satisfactory work completion certificates** of CFTI to ajaybansal@cuh.ac.in on or **before 3:00 PM on July 24, 2023**.

The presentation must include following and duration must not be more than 1 hours including question-answers:

1. Company Profile
2. Detailed Proposal
3. Completed work experience details


(Prof. Ajay Kumar Bansal)
Project In-charge