



Centre of Excellence for Electric Vehicles and Related Technologies
DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering)
Shahbad Daultapur, Bawana Road, Delhi-110042

DTU/CoE for EVRT/2026-27/NIQ/381

Dated: 01.07.2026

NOTICE INVITING QUOTATION

Centre of Excellence for Electric Vehicles and Related Technologies, Delhi Technological University, invites sealed quotations for the supply of items for the purchase of a fuel cell system for an E-Bike in the CoE-EVRT. The sealed quotations on the company's letterhead, including GST No., should reach to the office of CoE-EVRT, Electrical Engineering Department, Delhi Technological University, Main Bawana Road, Shahbad Daultapur, Delhi-110042 latest by **10/07/2026**.

S.NO	ITEM DESCRIPTION	QUANTITY
1	Fuel Cell System for E-Bike Rated Voltage-35 V, Rated Current-4.2 A, Rated Power-150 W, Peak Power -170 W, Stack Parameters, Stack Type, Air-cooled Graphite Stack, Rated Voltage Current Rating- 9.6 V 16.8 A, Rated Power -161 W, Hydrogen Requirements, Hydrogen Purity- 99.99%, Hydrogen Supply Pressure -55 kPa, Rate of Hydrogen Consumption, Rated Power- 3NL/ min. Voltage Protection- When the output voltage is lower than 40V or higher than 52V, the undervoltage or overvoltage reminder is triggered, and the indicator light under the power pack flashes. Stack Overcurrent Protection- (When the current at the output terminal > 120A, the system overcurrent reminder will be triggered, and the indicator light under the power package will flash). Under-Hydrogen Protection- (When the pressure sensor at the valve of the hydrogen cylinder detects that the hydrogen pressure is lower than 3MPa, the system will trigger a reminder of insufficient hydrogen, and the indicator light below the power package will flash). Stack Protection- (Abnormal hydrogen pressure, over-temperature, and over-current of the stack will trigger a reminder, and the indicator light below the power package will flash). Operating Temperature- 0~40°C Operating Humidity- 20~95%RH, No condensation Storage Conditions-10~50°C, 20~95%RH, No condensation Dimension - 442mm x 135mm x 114mm Weight- 2.4kg Solid State Storage Cylinder- 0.39 L	1

Kindly mention the link to the GeM portal in your quotation if your item is available on GeM.



01.07.26
(Prof. M. Rizwan)
Co-coordinator

Copy to:

1. Registrar, DTU
2. Coordinator, CoE for EVRT
3. HOD (CC) to upload on DTU website
4. Office Outgoing Letter File

