



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

DTU/CoE for EVRT/2025-26/NIQ/340

Dated: 05.12.2025

**NOTICE INVITING QUOTATION**

Centre of Excellence for Electric Vehicles and Related Technologies, Delhi Technological University invites sealed quotations for the supply of items for **Purchase of Fuel Cell System for E-Bike** in Centre of Excellence. The sealed quotations on company's letter head including GST No. should reach to the office of Centre of Excellence, EVRT, Electrical Engineering Department, Delhi Technological University, Main Bawana Road, Shahbad Daulatpur, Delhi-110042 latest by **15/12/2025**.

S.NO	ITEM DESCRIPTION	QUANTITY
1	<p><b>Fuel Cell System for E-Bike</b></p> <p>Rated Voltage-35V, Rated Current-424, Rated Power-150 W, Peak Power -170 W,</p> <p>Stack Parameters, Stack Type, Air-cooled Graphite Stack, Rated Voltage Current Rating- 96V 168A, Rated Power -161 W, Hydrogen Requirements, Hydrogen Purity- 99.99%, Hydrogen Supply Pressure -55 kPa, Rate of Hydrogen Consumption Rated Power- 3NL/ min</p> <p>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.</p> <p>Stack Overcurrent Protection- (When the current at the output terminal &gt; 120A, the system overcurrent reminder will be triggered, and the indicator light under the power package will flash).</p> <p>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).</p> <p>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).</p> <p>Operating Temperature- 0~40°C</p> <p>Operating Humidity- 20~95%RH, No condensation</p> <p>Storage Conditions-10~50°C, 20~95%RH, No condensation</p> <p>Dimension - 442mm x 135mm x 114mm</p> <p>Weight- 2.4kg</p> <p>Solid State Storage Cylinder- 0.39 L</p>	1

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

05.12.25

(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