

**Rotating Disk Electrode (RDE) System**

**Department of Chemical Engineering, IISc** requires a **Rotating Disk Electrode (RDE)** setup for mass activity characterization of electrocatalyst. This set-up will be used to evaluate newly synthesized Pt-based electrocatalyst in the field of fuel cell. This set-up simulates fuel cell conditions in a liquid electrolyte and helps to provide initial assessment of activity.

The following are the technical requirements:

- The rotating speed error < 1% (200-8,000 rpm)
- Both remote and manual operations of rotating and purging should be available
- Should provide software and accessories needed for connecting with/control via standard electrochemical analyzers (CHI608D model is available in the lab)
- Cell for RDE experiments with appropriate connectors for purging and operation
- Counter electrodes, Reference Electrodes, Maintenance kits, samples for demonstration, power cords for Indian power supply, Voltage stabilizers or UPS required for installation, demonstration and standard operation must be provided for and quoted as separate line items.
- Warranty period of one year from the date of installation. In case of technical issues within one year of installation, Free Service/Support visits should be provided.

Please provide quotations with best academic discounts before 12 noon (IST) on **19/08/2020**, either by post to the following address:

**Prof. S. Venugopal,  
Department of Chemical Engineering,  
Indian Institute of Science, Bangalore-560012, India.**

**or preferably**

as an e-mail attachment to [svgpal@iisc.ac.in](mailto:svgpal@iisc.ac.in)

(Mention Ref: **RFQ/2020/07/ChE/SVG-1** as the subject line)

**Note:**

The quotation should be valid till **30/11/2020**. The quotation must include all details of technical specifications of the system, such as a brochure or any other document to help the technical evaluation of the quotation. It must provide the mode of payment, and price of the item in Indian or foreign currency indicating the following separately

- FOB price
- Freight and Insurance
- Agency commission (in Indian rupees) for any presale work installation commissioning and first year warranty. If there is no agency Commission or other payments payable in India, a certificate to the effect that no amount would be payable to any Indian agent should be provided by the vendor as an explicit declaration. All Vendors must complete/have completed a one-time registration process with IISc, and mention their vendor code / registration details in the covering letter ([https://www.iisc.ac.in/wp-content/uploads/2018/04/VendorRegistrationForm\\_Hindi.pdf](https://www.iisc.ac.in/wp-content/uploads/2018/04/VendorRegistrationForm_Hindi.pdf))
- Total