

INDIAN INSTITUTE OF TECHNOLOGY DELHI
NANO-RESEARCH FACILITY
HAUZ KHAS, NEW DELHI - 110016

Dated: 02/07/2012

NOTICE INVITING QUOTATIONS

Sub: Portable Bipotentiostat for RDE/RRDE measurements

Sealed quotations in separate envelopes of technical and commercial bid kept in a one sealed outer envelope are invited for purchase of a **Portable Bipotentiostat for RDE/RRDE measurements** as per specifications given below. Your sealed quotation should reach latest by 5 PM on 16 July, 2012 to **Prof. Vikram Kumar, Nano-Research Facility, Block VI / 116, Indian Institute of Technology Delhi (IIT Delhi), Hauz Khas, New Delhi - 110016**. Your quotation should be superscribed "**Quotation for Portable Bipotentiostat for RDE/RRDE measurements due on 16 July 2012**".

Minimum Specifications: Portable Bipotentiostat for RDE/RRDE measurements

Hardware

Potential range: ± 4 V

Current range: ± 50 mA

Sensitivity range: 1×10^{-7} - 0.05 A/V

Input impedance: 1×10^{12}

Min. Potential Step: 1.0 mV

Current Resolution: 3 pA

Scan rate (CV): 1×10^{-3} - 10 V/sec

Weight: less 1.5 kg

Power Requirements: 240 V AC, 10W

Accessories: Cell cable, AC adaptor, Accessory cable, and Manual

Software Techniques & Measurement range

Cyclic Voltammetry: $1 \times 10^{-3} \sim 10$ V/Sec

Linear Sweep Voltammetry: $1 \times 10^{-3} \sim 10$ V/Sec

i-t: Amperometric i-t curve: $1 \times 10^{-4} \sim 10$ Sec (sampling time)

OCP vs. time: $1 \times 10^{-4} \sim 10$ Sec (sampling time)

RDE: 0 \sim 10 V output

Terms & Conditions:

1. The quotations must have validity of at least three months.
2. Quotation must include insurance and air-freight charges, delivery period of the items addresses to The Indian Institute of Technology, Delhi, India (CIF, New Delhi). Quote also FOB price.
3. The products will be used for educational purposes. Any applicable academic institution discounts should be offered and stated.
4. Detailed Brochures should accompany the offer.

5. If the bidder is an authorized dealer then the authorized Indian dealership certificate from the principles should be enclosed.
6. Please mention standard warranty. Additional 2 years warranty desirable.
7. Payment will be through irrevocable letter of Credit.
8. In case the items are proprietary products of the company, a proprietary item certificate stating the same must be provided.
9. Training should be provided free of cost.
10. List of end user should be provided.
11. Institute reserves the right to accept or reject any or all the quotations without assigning reasons thereof.

Chairman, PFC,
IIT Delhi