

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119

No. PHY/2013/8195/1217

Dated: 06.03.2014

M/s Institute web site

**Sub: INVITATION OF QUOTATIONS FOR POTENTIONSTAT/GLVANOSTAT WITH ACCESSORIES.**

1. You are invited to submit your most competitive quotation for the following goods:

Sr.No.	Brief Description & Specifications of Goods	Quantity
1.	POTENTIONSTAT/GLVANOSTAT WITH ACCESORIES (As per list attached) (overleaf)	01 No.

2. Necessary literature of the goods may please be sent to facilitate to take decision.
3. All duties taxes and other levies payable by the Institute shall be included in the total price. This Institute does not issue Form C or D.
4. Payment is normally made by Cheque drawn on State Bank of India within 30 days after receipt of material in good condition and according to specifications.
17. The supplier shall deposit Earnest Money alongwith the Quotation amounting to Rs.36000/-in shape of Accounts Payee Demand Draft, Fixed Deposit Receipt, Bankers Cheque or Bank Guarantee from any commercial Bank in favour of the Director, National Institute of Technology, Kurukshetra. The Quotations without Earnest Money shall be rejected, the EMD will remain valid for a period of 45 days beyond the final validity period of quotation.
18. Performance Security @ 05% of the total value of the equipment may be furnished in shape of Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any Commercial Bank in favour of the Director, NIT Kurukshetra valid upto 60 days after the date of completion of warranty period of one year.
19. The items must be supplied within delivery period or delivery period extended by the Institute on the request of the supplier on genuine grounds otherwise the penalty for delayed period @ 0.5% of the amount shall be charged for every week or part thereof and the maximum 10%.
8. The goods are required exclusively for Research Purpose. The Duties are not payable by the Institute.
9. The quotation should remain valid for a period not less than 60 days from the date of submission.
10. The right of accepting or rejecting any quotation and to cancel the bidding process and reject all quotations without assigning any reason is reserved with the Institute.
11. The due date for receipt of quotation is **24.03.2014** and will be opened on next working day. Please quote on the top of the envelope our Ref. No. and due date of opening.

  
Asstt. Registrar(Stores)

### Potentiostat/Galvanostat (Complete Set- 01)

The specification of the complete set up as follow

- Current Range:  $\pm 1\text{pA}$ - $\pm 4\text{A}$  or better
- Applied Potential Range:  $\pm 10\text{V}$  or more
- Compliance Voltage:  $\pm 14\text{V}$  or better
- Scan Rate: 1MV/s or more
- Potential resolution: 1V or better
- Current Resolution: 100aA or better
- Data acquisition speed: 1000,000 samples/sec
- Frequency range: 10 $\mu\text{Hz}$  to 7MHz or better
- Potentiostat Bandwidth: 8MHz or more
- Electrode configurations: 2, 3, 4 & 5 electrode configurations.
- Interface: USB/ Ethernet.

### Software's required.

1. Voltammetry software which includes Potentiostatic, Galvanostatic, Potentio dynamic ,Galvano dynamic for electro deposition research.
2. Pulse software
3. Fuel cell and super capacitor testing software
4. Impedance spectroscopy software
5. Photovoltaic /Battery testing software
6. Equivalent fitting circuit software

### Required Accessories.

1. Platinum Working Electrode
2. Ag/AgCl Reference Electrode
3. Voltammetry cell with Platinum counter Electrode

All necessary software, installation and training assistance be provided

1. Demonstration and installation on the spot by the experts of the company
2. Minimum one year on the spot warranty

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