

DEPARTMENT OF CHEMICAL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS, NEW DELHI – 110016

Ref No: IITD/ChemEng/RP02448

Dated: 5/12/2011

MINUTES OF THE MEETING FOR NOTICE INVITING QUOTATION

Sub: Purchase of Spectro-electrochemical measurement system

Sealed quotations in separate envelopes of technical and commercial bid kept in a one sealed outer envelope are invited for purchase of a '**Spectro-electrochemical measurement system**' as per specifications given below. Your sealed quotation should reach latest by 5.30 PM on 27/12/2011 to **HOD, Department of Chemical Eng., Indian Institute of Technology – Delhi (IIT Delhi), Hauz Khas, New Delhi - 110016**. Your quotation should be superscribed "Quotation for **Spectro-electrochemical measurement system dated 5.12.11**."

Specifications:

Spectro-electrochemical measurement system

Optical Spectrophotometer consisting of the following:

3648 Pixel CCD detector, High speed USB2 interface with USB cable, Grating UA (200-1100 nm)

DUV >150 nm Deep UV detector coating, <350 nm

DCL-UV/VIS

Detector Collection lens to enhance sensitivity, quartz, 200-1100 nm

Slit size, please specify XX = 10, 25, 50, 100, 200, 500 μm

Order sorting coating with 350 and 590 nm long pass filter for UA

Spectrometer software

Chemometry application add on software for concentration measurements

Balanced Deuterium-Halogen light source, 215-2000 nm, incl. TTL shutter

Transmission dip probe with variable tip length (0.25 – 10 mm (optical path = 0.5 – 20 mm))

Cuvette Holder, 10 mm path, includes 2 UV/VIS/NIR collimating lenses and cover

Fiber cable, 400 μm fiber, 2 m. length

Quartz Cuvette 10 mm, 2 windows, 3.5 ml

Process control Application add = on software,

Pt wire Counter electrode for Spectro – electrochemical Measurements in a cuvette

Pt Gauze working electrode for spectroelectrochemical measurements; Gauz dimensions; 8 mm x 8 mm, 40 mesh, with 50 mm long 1 mm dia connecting Pt wire

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 (both FOB and CIF, New Delhi).
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. Warranty details must be given.
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. Institute reserves the right to accept or reject any or all the quotations without assigning reasons thereof.

HOD / Fuel Cell Lab
Dept of Chemical Eng.
IIT Delhi
New Delhi 110016