

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

NOTICE INVITING QUOTATIONS

02.11.2012

Sub : Quotation for Photoelectrochemical Absorbance and Transmittance Measurement System for Photoelectrochemical workstation

Sealed quotations in separate envelopes of technical and commercial bids kept in a sealed outer envelope are invited for purchase of a *Photoelectrochemical Absorbance and Transmittance Measurement System for photoelectrochemical workstation* as per specifications given below. Your sealed quotations should reach the latest by 5 pm on 16.11.2012 to **Prof. Joby Joseph, Nanoscale Research Facility, Indian Institute of Technology – Delhi (IIT Delhi), Hauz Khas, New Delhi-110016**. Your quotation should be superscribed “Quotation for Photoelectrochemical Absorbance and Transmittance system due on 16-11-2012”.

General Specifications for Photoelectrochemical Absorbance and Transmittance system

1. The quoted model should be compatible with the existing Zennium electrochemical workstation, CIMPS-2 model from Zahner elektrik GmbH & Co, Germany and should be capable of the following measurements:
 - Absorbance spectra vs. Voltage
 - Absorbance spectra vs. Current
 - Absorbance spectra vs. Time
 - User script controlled absorbance spectra series
 - Equipped with ILT-950 CCD Spectrophotometer, 2 x Photoelectrochemical cells, Cell -slide, wide-range-high-power LED (420 – 730 nm) light source, CIMPS-abs software
2. Photo-Electrochemical Light Emission Measurement System

Extend the capability for the examination of OPV, LED, OLED, etc.

Experimental techniques:

- Light emission voltage current characteristic (PVI)
- Spectral resolved PVI

Equipped with a SEL033 NIST-traceable calibration sensor for automatic calibration procedure and CIMPS-emit Software.

3. Supporting software capable of automatic spectra series measurement vs. cell voltage, current, time as well as light spectra analysis package that supports 2D/3D visualization.

Terms & Conditions:

1. The quotations must have validity of at least three months.
2. Quotation to be made on Freight on Board (FOB), 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. List of End users should be provided.
11. Institute reserves the right to accept or reject any or all the quotations without assigning reasons thereof.