



भारतीय प्रौद्योगिकी संस्थान रोपड़
INDIAN INSTITUTE OF TECHNOLOGY ROPAR

नंगल रोड , रूपनगर, पंजाब-140001/ Nangal Road, Rupnagar, Punjab-140001

Department of Chemistry

4th March 2010

SUBJECT: N.I.Q. for purchase of Fluorescence Spectrometer

Sealed quotations are invited for the purchase of the following items. The equipments are to be installed at IIT Ropar (Rupnagar) Punjab. Delivery of the equipments shall be required within 2-3 months of placement of the purchase orders. The quotations should reach in the office of Head, Department of Chemistry, IIT Ropar (Rupnagar) Punjab latest by 3:00 PM on March 19th, 2010. The firms are requested to send offers for Technical and Commercial bids separately.

1. Fluorescence Spectrometer: One (1)

In addition to common specifications of instrument, the instrument must fulfill following requirements:

1. Sources for Luminescence and phosphorescence decay time measurements should be pulsed Xenon discharge lamps.
2. Excitation and emission window should be $\lambda_{\max} = 200-800$ nm.
3. Provision to change the excitation and emission slits in the range of 2.5-15 nm, with 0.1 nm increments. Scan speeds can be selected in 1-nm increments from 10-1500 nm/minute.
4. Excitation and emission polarizers with both manual and automatic operations.
5. Water thermostatted cell holder for a 10 mm pathlength cell
6. Accessory which allows the user to obtain fluorescence or phosphorescence spectra of powders, films, gels and turbid liquids.
7. System control via the operating software for compatible Personal Computers. Instrument should have the provision to export data on excel file.
8. Results and reports can be created automatically as defined by the method, when an analyst runs or reprocesses data.
9. Three Years AMC (Services)
10. Latest PC & Printer.

Terms and Conditions:

1. The equipments should be supplied and installed at IIT Ropar (RUPNAGAR) Punjab.
2. Both the equipments may need to be shifted to new campus of IIT Ropar within three years of installation. The Suppliers should ensure that they could provide all the technical support for re-location of the equipments.
3. The prices quoted should be inclusive of all taxes and CIF IIT Ropar.
4. The quotation received after due date will not be considered.

5. The Institute reserves the right to reject any quotation without assigning any reason.
6. The suppliers MUST support the quoted specifications with the help of original printed manuals of the equipments.
7. The payment terms should be specified in the quotation clearly, the suppliers may mention any number of optional accessories in their quotes; however the same should be clearly distinguished from the main requirements along with their individual prices.
8. The supplier must provide the details of their instrument user in premier institutes.

Note: The quotations may be opened at 10.00 AM on March 20th, 2010