

DEPARTMENT OF CHEMISTRY
INDIAN INSTITUTE OF TECHNOLOGY - DELHI
HAUZ KHAS, NEW DELHI - 110016

Dated: 1st March 2012

NOTICE INVITING QUOTATIONS

Sub: Purchase of Automated Flash Chromatography System

Sealed quotations in *separate envelop of technical and commercial bid* kept in one sealed outer envelope are invited for purchase of Automated Flash Chromatography System as per the specifications given below. Your sealed quotation should reach latest by 5 PM on 16th March 2012 to **Dr. Nidhi Jain, Department of Chemistry, Indian Institute of Technology – Delhi (IIT Delhi), Hauz Khas, New Delhi - 110016**. Your quotation should be superscribed “**Purchase of Automated Flash Chromatography System** due on 16th March 2012”.

SPECIFICATIONS FOR AUTOMATED FLASH CHROMATOGRAPHY SYSTEM

1. Pumping system with maximum pressure capacity of 200 psi & maximum flow rate of 200 ml/min.
2. Four solvent inlet with high pressure binary gradient of linear, step or isocratic mode.
3. Integrated PDA variable wavelength UV-Vis detector with automatic collection of fractions at all available wavelengths from 200 to 780 nm.
4. Automatic Injection valve for solid & liquid sample injection with automatic self cleaning at the end of the run.
5. Pre packed columns withstanding pressure of 200 psi.
6. Solvent level sensors in all solvent inlet & waste bottles for physical solvent management.
7. Fraction collector with different size racks.
8. Touch screen control software with real time method editing, column history, column size & media sensing, fraction collector rack & tube volume sensing, method scale up, gradient optimizer (Rf to Gradient conversion) feature.
9. Safety features like over pressure sensor, Automatic air purge, vapor sensor & grounded solvent path.

TERMS AND CONDITIONS:

1. The quotations must have validity of at least three months.
2. Quotations must include insurance and air-freight charges, delivery period of the items addresses to “The Indian Institute of Technology, Delhi, India (CIF, New Delhi).” Rate should be inclusive of installation and training.
3. The products will be used for educational purposes. Any applicable academic institution discounts should be offered and state. Detailed brochures should accompany the offer.
4. If the bidder is an authorized dealer then the authorized Indian dealership certificate from the principles should be enclosed.
5. Please indicate the warranty for the system.
6. In case the items are proprietary products of the company, a proprietary item certificate stating the same must be provided.
7. Financial bid will be opened, those who meet the technical specifications.
8. Institute reserves the right to accept or reject any or all the quotations without assigning reasons thereof.