



STORE & PURCHASE

NETAJI SUBHAS INSTITUTE OF TECHNOLOGY
(Affiliated to University of Delhi)
An Autonomous Institute of Govt. of NCT of Delhi
Azad Hind Fauj Marg, Sector-3, Dwarka, New Delhi-110078
Phone No.+91-11-25099050– Ext.- 2318, Fax No. +91-11-25099022
Website: <http://www.nsit.ac.in>

E-Tender Notice

Tender ID: 2015_NSIT_87665_1

Tender Enquiry No. : F.No.189(16)/14-15/Pur/NSIT
Dated : 24/8/2015
Due Date For Submission : 14/9/2015

Online tenders are invited under Two-Bid system through e-Procurement from the reputed registered manufacturers or their authorized dealers/agencies or reputed suppliers having capacity to supply the following GOODS at NSIT as per the technical specifications & required quantity mentioned on Delhi Govt. E-Tender portal <http://govtprocurement.delhi.gov.in> along with General Terms & Conditions of the Supply.

Name of Goods	Supply of Automated Flash Chromatography System
Estimated Cost of the Tender	Rs. 15 lacs (Approx.)
Earnest Money Deposit (EMD)	Rs.30,000/- (Refundable)
Date of Release of Tender	24/8/2015 at 5.00PM
Last date and time for downloading of tender	14/9/2015 at 5.00PM
Last date and time for online submission/ uploading of bids	14/9/2015 at 5.00PM
Date and time for opening of Technical bids	15/9/2015 at 11.00AM
Date and time for opening of Financial bids of the technically qualified bidders	It will be announced on the above portal after evaluation of technical bids.

Note: To participate in E-tendering process, the bidder has to register with Delhi Govt. portal at <http://govtprocurement.delhi.gov.in>.

Sd/-
Officer Incharge (Store & Purchase)
Netaji Subhas Institute of Technology,
Azad Hind Fauj Marg, Sector-3, Dwarka,
New Delhi-110078

DOCUMENTS of TECHNICAL BID

Technical Bid must contain the following Documents:-

A. Administrative Eligibility Document:

1. Scanned Copy of Earnest Money Deposit (EMD) for the Amount specified in E-Tender Notice through Electronic Funds Transfer (EFT) Method only i.e. ECS/RTGS/NEFT as specified in para 10 of General Terms & Conditions of Tender Document.
2. Scanned Copy of DVAT/CST Registration of the firm.
3. Scanned Copy of Pan Card of the firm.
4. Scanned Copy of latest DVAT/CST return.
5. Scanned Copy of Authorization Certificate issued by the OEM.
6. Scanned Copy of Certificate of Enlistment of Indian Agent with the DGS and D (Required by Indian Agents to quote and provide service support on behalf of his foreign Principals.)
7. Check List as per Annexure-A.

B. Technical Eligibility Document in support of meeting Requirement and Specifications:

8. Technical document of Specification or Specification leaflet of instrument.
9. Installation Report of the instrument at different government Institution.

Specification for Automated Flash Chromatography System with UV-VIS Detector

1. Pumping system with maximum pressure capacity of 1MPa or 145 Psi & maximum flow rate of 80 ml/min. with valveless ceramic reciprocal pump with quite and should have no user maintenance.
2. Systems should be Open & Modular, open flow-path and automatic pressure modulation
3. Should have four solvent inlet with binary gradient and isocratic mode and 2 step Gradient. Should have simple change-over of solvents during run.
4. With TLC Imager Reader - The Gradient Optimization should be thoroughly achieved by Automatic Method Setup where TLC is inserted to the TLC Imager Reader and TLC Rf value should be detected automatically
5. TLC Rf Value and solvent mixture ratio are to be input and target compound to be eluted within 4 C.V. (column volume) for fast purification and to use less solvents and should be time saving
6. Should predict the elution of target compound prior to the run with visual Indicator.
7. The Gradient to be manipulated on the fly, depending on the characteristic of the sample.
8. The System to handle cartridges and glass columns with Silica Loading up to 300g and more and sample loading to purify from mg to 15gms and above.
9. Provisions for Liquid loading and Bulk media loading on the cartridge and columns.
10. The system/software should have capable of achieving very slow gradient of as low as 1-5% or even lower for the entire range of Flow rate while using Polar Solvent.
11. The control Software should provide the maximum sample load information for the selected column – automatic scale up & down.
12. Variable wavelength UV Vis detector with a range of 190-600nm or above
13. The detector should have Broad detection range of 0.08 to 5.12 AUFS to detect the small sample or sample that has low UV absorption and to avoid Peak saturation of sample which has high UV absorption.
14. Should have in-line glass filter to safe-guard the flow cell and pressure surge situation
15. Facility to connect additional external detector of ELSD, RI or CMS Compact Mass Spectrometer detector. And facility to connect to TLC Imager Reader to automatically detect the Target Rf and its nearest Impurity.
16. Fraction collector with 18x150mm racks and to hold 120 nos test tubes and different size racks adaptability
17. The control software with real time method editing, column size, fraction collection control & method scale up feature and real time monitor of the line pressure.
18. The system should have pressure Moderating system to continue the run in case of sudden pressure surge occurs.
19. Various Flash Columns to be quoted.
20. Suitable PC to be quoted.
21. Three Years Warranty.

Annexure-A

Check List for Technical Bid

S.No.	Document of Technical Bid	Whether relevant document uploaded. (Please write Yes/ No)
1	Scanned Copy of Earnest Money Deposit (EMD) for the Amount specified in E-Tender Notice through Electronic Funds Transfer (EFT) Method only i.e. ECS/RTGS/NEFT as specified in para 10 of General Terms & Conditions of Tender Document.	
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7	Technical document of Specification or Specification leaflet of instrument.	
8	Installation Report of the instrument at different government Institution.	