



**INDIAN INSTITUTE OF SCIENCE EDUCATION AND  
RESEARCH THIRUVANANTHAPURAM [IISERTVM]**

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GST No.32AAAJI0299R1ZS

IISER/PUR/0164/AME/SC/25-26

Date: 28.08. 2025

**RETENDER CORRIGENDUM -I**

Sub: Supply and installation of Automated Flash Chromatography System: reg  
Ref: Tender Enquiry No. 2025\_IISRT\_863356\_1

1. The above mentioned tender is re-tendered with revised technical specification at Annexure 1.
2. The due date and date of opening will be as follows:-  
  
Due Date: 18 September 2025 1500 Hrs  
Date of opening 19 September 2025 1530 Hrs
3. All other Terms and Conditions remain the same. Bidders may quote accordingly

Thanking You,

Yours Faithfully

*Amar Sedath*  
29/8/25

Assistant Registrar (P&S)

Annexure 1 to tender IISER/PUR/0164/AME/SC/25-26

**Automated Flash Chromatography System – Specifications**

1. Pumping system with maximum pressure capacity of 300 psi or more with flow rate of 1 to 300 ml/min or more.
2. Four solvent inlets with binary gradient of linear, step or isocratic mode. Simultaneous addition of 3rd solvent in fixed percentage during the run for modifiers along with the binary solvents.
3. Integrated PDA variable wavelength UV detector with automatic collection of fractions at all wavelengths from 200 to 400 nm simultaneously.
4. Base Line Correction: Base Line correction prior to run so that solvent gradient interruption not there while running.
5. Air purging option is available for column and Sample Loader. Integrated air generation for air purging.
6. Facility to upgrade the system with ELSD & Mass detector.
7. Real time & post run spectral display with peak purity by spectral ratio.
8. Active level sensors in all solvent inlet & waste bottles for physical solvent management.
9. Fraction collector with different size racks & optional feature of vapor enclosure for collection racks.
10. 12" or more Touch screen controller with software features of focused gradient Generator for separation of closely eluted compounds, signal gain adjustment, TLC to gradient conversion, real time method editing & method scale up.
11. Safety features like automatic air purge at the end of the run, over pressure sensor, grounded solvent path, lighted rack area, vapor sensor for sensing leakage & vapors in and around the system.
12. TUV or FCC certified. ( Need to submit valid document)
13. At least 3 installations in academic institute of India. (only Purchase order & service record or installation report is required)
14. 1-year warranty and 2 year free service.
15. The instrument and all its accessories must be supplied as a complete unit by the original manufacturer or an authorized dealer of the original manufacturer. Assembled units or components from third-party sources will not be accepted

*Anwar Sadath*  
29/8/25