



सीएसआईआर-भारतीय रासायनिक जीवविज्ञान संस्थान
CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY
(वैज्ञानिक एवं औद्योगिक अनुसंधान परिषद)

(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)

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संख्या/ Enquiry No.: IICB/PUR/2025-26/599/574/16

दिनांक/Date: 26.09.25

शुद्धिपत्र सूचना
Corrigendum Notice

एतद्वारा सूचित किया जाता है कि उच्च थ्रूपुट रीसाइक्लिंग प्रिपेरेटिव एचपीएलसी की आपूर्ति, स्थापना, परीक्षण और कमीशनिंग हेतु निविदा, निविदा आईडी 2025_CSIR_248636_1 के अनुसार, एनआईसी सीपीपी पोर्टल (<https://etenders.gov.in/eprocure/app>) पर प्रकाशित कर दी गई है। इस संबंध में, निविदा दस्तावेज़ का संशोधित तकनीकी विनिर्देश (अध्याय 4) सूचना एवं डाउनलोड हेतु संलग्न है (अनुलग्नक 'ए')। इसकी एक प्रति सीएसआईआर-आईआईसीबी की वेबसाइट पर भी अपलोड कर दी गई है।

It is hereby informed that the tender for supply, installation testing and commissioning of **High Throughput Recycling Preparative HPLC** has been published in NIC CPP Portal (<https://etenders.gov.in/eprocure/app>) vide tender ID 2025_CSIR_248636_1. In this regard a revised Technical Specification (Chapter 4) of the Tender Document is enclosed herewith (Annexure A) for information and downloading. The copy of the same has also been uploaded in CSIR-IICB website.

सभी संभावित बोलीदाताओं से अनुरोध है कि कृपया दिनांक 26.09.25 का शुद्धिपत्र नोटिस देखें और तदनुसार अपनी बिड/प्रस्ताव/कोटेशन प्रस्तुत करें।

All the prospective bidders are hereby requested to kindly see the corrigendum notice dated 26.09.25 and submit their bid/ offer/ quotation accordingly.

उक्त निविदा अधिसूचना के अन्य सभी नियम एवं शर्तें अपरिवर्तित रहेंगी।

All other terms and conditions of the said tender notification will remain unchanged.

Ray
26/9/25

भंडार एवं क्रय नियंत्रक

Controller of Stores and Purchase

सीएसआईआर-आईआईसीबी की ओर से

For and on behalf of CSIR-IICB

Annexure A

Specification for High-throughput Recycling Preparative HPLC

Binary HPLC Pump

- Binary HPLC pumps, with high pressure binary gradient mixing
- Flow rate setting range: 0.01 – 150.0 mL/min, or better, with 0.01 increments
- Discharge Pressure range: 34 MPa/5000 psi or higher
- Pump seal wash: Integral, active and programmable
- Flow accuracy: $\pm 1.0\%$
- Flow rate precision OR composition precision: $\leq 0.3\%$ RSD
- Integral plunger seal wash.

Manual Injector

- Manual Prep Injector with 1 mL, 2 mL and 5 mL sample loop & three compatible syringes (1mL, 2 mL and 5 mL)
- Manual Analytical injector with auto trigger and 20 μ L loop & Two Micro syringe (25 μ L) should be provided
- Gradient mixer for Analytical and Preparative applications should be provided

Photo Diode Array Detector

- Wavelength range: 190-800 nm
- Wavelength repeatability or precision or reproducibility: 0.1 nm or better
- Wavelength Accuracy: ± 1 nm.
- Photodiodes: either 512 or 1024
- Spectral Resolution/Optical Band pass/Diode width/Slit width: 1.2nm per photodiode
- Data Acquisition speed: 80 Hz or above
- Light Source: Combination of Deuterium and Tungsten lamps.
- Operating mode: Both 2D and 3D
- Analytical and Preparative flow cells should be provided, independently.

Recycling

- The system should have the feature of recycling the mobile phase partially or fully recycled back into the system

Column Holder

- It should accommodate analytical and preparative columns of upto 50 mm ID
- It should have capacity to hold multi columns.

Software

- User friendly chromatographic software compatible with all mentioned detector
- Must be able to control the instrument fully
- The software should be quoted with a relational secured data base, independent of operating system and an interface for the software to the database for strong integrity and security of data.
- Measurement of retention times & component identification.

- Automatic peak detection, peak area measurement and baseline correction facilities.

Columns & Accessories

- Preparative C18 Column (150 x 19/20 mm x 10 μ): 1 number; and 1 guard column and accessories
- Analytical C18 Column (250mm x 4.6 mm x 5 μ): 1 number; and 1 guard column and accessories

Essential Accessories:

- Necessary desktop or laptop computer to support the whole instrument, including the required LAN connection port, with i9 or better processor, 32-inch monitor with the latest configuration, 1 TB SSD + 1 TB HDD, 32 GB RAM, original licensed Microsoft Windows 11 OS, along with a laser printer.
- Additional portable computer like laptop for external control of the instrument and data processing should also be provided, which should have Intel Core Ultra or Intel i9 or above processor, 1 TB SSD, 1TB HDD, NVIDIA GeForce RTX 5050 8 GB or above GPU, 32 GB RAM or above, win 11, MS office 2024.
- Suitable on line 3 KVA UPS for at least 30 minutes backup of running
- All other necessary accessories (piping kits, tubing, solvent recycle valve, reservoir tray among others) for the smooth functioning of the instrument.
- A minimum of 5 days training should be provided on experimental and data analysis part by vendor with no extra cost, for 4 people

Warranty

- 3 years comprehensive onsite warranty for all components (HPLC, UPS, computers) from date of successful installation and commissioning