



राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान—हाजीपुर

NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH (NIPER) - HAJIPUR

(Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers, Govt. of India)

Export Promotions Industrial Park (EPIP), Industrial Area, Hajipur

Dist: Vaishali, State: Bihar, India, PIN: 844102 Website: www.niperhajipur.ac.in

F.No. NIPER-HJP/COE/25-26/36

Date: 21.07.2025

Notice Inviting Expression of Interest (EOI)

The **National Institute of Pharmaceutical Education and Research (NIPER), Hajipur**, an Institute of National Importance established under the aegis of the Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers, Government of India, invites **Expression of Interest (EOI)** from reputed manufacturers/authorized agents/suppliers for finalization of technical specifications and associated procurement process for advanced analytical instruments such as Liquid Chromatography-Triple Quadrupole Mass Spectrometer System, Ultra High-Performance Liquid Chromatography (UHPLC) and Preparative HPLC.

Objective of EOI

The objective of this EOI is to discuss and finalize the technical specifications, terms & conditions, and indicative pricing (if applicable) of the proposed scientific equipment, as detailed below. This consultation will facilitate the formulation of tender documents for procurement purposes.

Separate EOIs are Invited for the following:

1. Liquid Chromatography-Triple Quadrupole Mass Spectrometer (LC-MS/MS-QQQ)

Liquid Chromatography-Triple Quadrupole Mass Spectrometer System should have good sensitivity to quantify drugs and their metabolites from picogram to femtogram level in different biological matrices as well as drug impurities in APIs and pharmaceutical formulations. Mass spectrometer should be equipped with both ESI and APCI or multimode sources for polar and nonpolar quantification. Analyzer should be of triple quadrupole geometry type. Liquid chromatography system should have binary/quaternary gradient pump with a minimum pressure of 15,000-psi or higher. Liquid chromatography system should be equipped with auto sampler, DAD/PDA detector and column oven.

2. Ultra High-Performance Liquid Chromatography (UHPLC)

Liquid chromatography system should have binary/quaternary gradient pump with a minimum pressure of 15,000-psi or higher. Liquid chromatography system should be equipped with auto sampler, DAD/PDA detector and column oven.

3. Preparative HPLC

Liquid chromatography system should have binary gradient pump with a minimum pressure of 15,000-psi or higher and should achieve the flow rate up to 150ml/min or more. Liquid chromatography system should be equipped with auto sampler, DAD/PDA detector, RID detector, fraction collector and column oven.

4. Circular Dichroism (CD) Spectropolarimeter

The Circular Dichroism (CD) Spectropolarimeter should offers advanced capabilities for protein structure analysis with a compact benchtop design, measuring samples as small as 10micro l. It should feature a stable 150W Xe lamp, high-performance detectors covering 163–950 nm, and exceptional wavelength and CD resolution with low RMS noise. Should be equipped with temperature control via Peltier cell holder and N₂ purging system, and should supports multi-wavelength temperature ramping. The software should enable spectral scans, 3D analysis, and thermodynamic evaluation with GLP/GMP compatibility.

5. High-speed centrifuge

The high-speed centrifuge should reach speeds over 25,000 rpm with a force capacity of up to 80,000×g, supporting volumes from 3 to 6 liters. Key features include advanced programmability (up to 1,000 steps), secure multi-user access, brushless air-cooled motor, and low noise output. Safety mechanisms include door locks, imbalance detection, and certifications like CE and ISO should be there. Instrument should have real-time data logging, mobile device control, and rapid vacuum systems enhance usability. It comes with various rotor configuration and system should have 5-year comprehensive warranty, and an assured service within 48 hours in eastern India.

A meeting with prospective bidders through Hybrid / physical mode will be scheduled on **28-07-2025 (UHPLC & Preparative HPLC), 29-07-2025 (LC-MS/MS-QQQ) and 30-07-2025 (CD Spectropolarimeter & High-speed centrifuge)** at 11:00 A.M. onwards in NIPER HAJIPUR Campus, Export Promotions Industrial Park (EPIP), Industrial area Hajipur, Dist: Vaishali 844102, BIHAR, INDIA.

All the interested agencies/firms/organizations are requested to join this meeting through Hybrid / physical mode only.

TERMS & CONDITIONS:

- i. The EOI must be submitted with:
 - Complete profile of the company.
 - Product brochures, technical literature, and related documents.
 - Details of similar installations in India over the last 3 years, along with purchase order (PO) copies and end-user contact information.

- ii. EOIs must be submitted in sealed envelopes super-scribing “**EOI for (Instrument Name)**”, **Advertisement Number**, and **Due Date**, addressed to:

Registrar (i/c)
NIPER Hajipur
EPIP, Industrial Area, Hajipur – 844102, Vaishali, Bihar, INDIA

- iii. **Last date for submission of EOI:** On or before **10:00 AM on 11-08-2025**

- iv. EOI responses received after the due date and time shall not be considered under any circumstances.

- v. NIPER Hajipur reserves the right to:

- Invite shortlisted vendors for technical discussions and presentations.
- Accept or reject any or all EOIs without assigning any reason.
- Modify or withdraw this EOI notice, in part or full, at any stage.

- vi. The process does **not constitute a commitment** to issue a tender or award of contract.

- vii. No reimbursement for any costs incurred by the applicant for EOI preparation or meeting attendance will be provided.

Sd/-
Registrar (i/c)