



BRIC- NATIONAL INSTITUTE OF IMMUNOLOGY
Aruna Asaf Ali Marg. New Delhi- 110 067

NII/LTD/MSD/FPLC/SEP/2025-26

Dated 23.09.2025

SUBJECT: NOTICE INVITING QUOTATIONS IN TWO BID SYSTEM

Director, NII invites sealed quotations for supply of the articles mentioned below/as per list enclosed. Quotation in a sealed cover indicating (i) Name of the materials (ii) Reference of this letter and (iii) date of opening of Quotation. Your quotation should reach this office on or before 15.10.2025 and opened on the same day.

N.B.: While submitting quotations please take note of the instructions overleaf. Quotations are liable to be rejected if any of these conditions are not complied with.

Please Note: Submit two envelopes (Technical bid & Price bid) containing in one envelope.

S.No.	Description	Quantity
1.	FAST PURIFICATION LIQUID CHROMATOGRAPHY SYSTEM (FPLC) (Specification enclosed)	01

Prices quoted should be for: - .

- (a) Free delivery at NII
- (b) F.O.A. DELHI by Passenger train / Road Transport / Air India / Indian Airlines.
- (c) FOB Delhi , ware house to ware house.
- (d) Insurance ware house to ware house.
- (e) Freight.

Purchaser
On behalf of the Director, NII
Store Purchase Officer
National Institute of Immunology.
Aruna Asaf Ali Marg,
New Delhi-110067 INDIA

TERMS AND CONDITIONS

- (1) We are interested in the material either of indigenous manufacturer or of foreign make available from ready stock. Any offer to supply on Forward Delivery Basis under suppliers own quota licence will also be considered.
- (2) Rates should include packing and forwarding charges. The goods should be insured against theft, loss or breakage during transit and insurance charges.
- (3) The rates of sales tax should be clearly indicated wherever chargeable.
- (4) Specific mention should be made of whether the delivery will be ex-stock or will have to be imported and how much time will be required for delivery after placing of the order.
- (5) If a supplier fails to execute the order in time as per the terms and conditions stipulated in the Contract, it will be open to the purchaser to recover liquidated damages for the delay in delivery and installation from the supplier at the rate of 0.5% of the total order value per week subject to a maximum of 10% of the total order value. The L.D charges can be increased in case of gross violation of the terms of the Purchase Order as decided by the Director of the Institute.
- (6) The payments will be made in 30 days by Account Payee Cheque after receipt of the materials in good condition.
- (7) The acceptance of the quotation will rest with the Director, NII who does not bind himself to accept the lowest quotation and reserves to himself the right to reject or partially accept any or all the quotations received without assigning any reason.
- (8) Quotations must be clearly written or typed without any cutting or over writing.
- (9) Dispute, if any, will be Subject to Jurisdiction of Delhi.
- (10) Performance Security:

The supplier shall require submitting the performance security in the form of irrevocable **bank guarantee equivalent to 5%**. The amount of the cost of equipment issued by any Indian/Nationalized Bank within 21 days from the date of receipt of the purchase order and should be kept valid for a period of 90 days beyond the date of completion of warranty period.
- (11) Material shall have **comprehensive warranty for 3 Years** from the date of satisfactory installation/commissioning of Equipment at purchaser's site (NII).
- (12)

EMD Amount	Rs. 1,35,000/- (Rupees One Lakh Thirty-Five thousand only) 1. To be paid through DD/PO/B. G: - In favour of Director, National Institute of Immunology, payable at New Delhi-110067 2. Also, RTGS/NEFT/B.G. NII, New Delhi Bank details are asunder: Beneficiary Name: National Institute of Immunology, New Delhi Bank Name: CANARA BANK Branch Address: Jit Singh Marg, New Delhi-110067 Bank Account No.: 1484101001636 IFSC Code: CNRB0001484 (UTR Number is mandatory (in case of RTGS/NEFT) is provided in the technical quotation/bid)
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- (13) Refund of EMD: The EMD will be returned to unsuccessful tenderers without interest only after the Tenders are finalized. In case of successful Tenderer, it will be retained till the successful and complete installation of the equipment.
- (14) Manufacturer's Authorization for the said item is required.
- (15) Bank details regarding the electronic fund transfer/RTGS/B.G
- (16) Financial/Price Bid shall comprise the 'Technical Bid' with price indicated in the Price bid
- (i) The Bidder shall indicate the unit prices and total bid prices of the goods on CIF/CIP basis it proposes to supply under the order and enclose it with the price bid.
- (ii) Prices indicated shall be entered separately in the following manner (for Indigenous Items):
- The price of the goods quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, freight and GST. The Institute is registered under DSIR vide registration number TU/V/RG-CDE (3)/2021 issued on 20.09.2021 valid up to 31.08.2026 and under GST vide registration number 07AAATN6040K1ZJ as applicable), including all taxes already paid or payable.
 - Taxes: We are partially exempted from payment of Customs Duty under notification No.51/96 dated 23.07.1996. Hence Customs Duty, if any, should be shown separately. Please mention the applicable taxes (GST) clearly. However, being R&D Organization 'Concessional customs duty exemption certificate' can be issued. No other charges except those mentioned clearly in the quotation will be paid.
 - Rates should be quoted FOR at NII, New Delhi inclusive of packing, forwarding, clearance, installation, and commissioning charges etc. In case of supply is from foreign supplier. If ex-works prices are quoted then packing, forwarding, documentation, freight and insurance charges must be clearly mentioned separately. Vague terms like "packing, forwarding, transportation etc. extra" without mentioning the specific amount/percentage of these charges will NOT be accepted. Such offers shall be treated as incomplete and rejected. Where there is no mention of packing, forwarding, freight, insurance charges, customs clearance charges such offers shall be summarily rejected as incomplete.
- (iii) Prices indicated shall be entered separately in the following manner (for Imported Items). Bidder shall quote unit price and total bid price on CIF/CIP basis in the price bid.
- (iv) Prices quoted by the bidder shall remain fixed during the entire period of contract and shall not be subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and shall be rejected.
- (v) Bid Currencies:
- Prices shall be quoted in Indian Rupees or in freely convertible foreign currency preferably in USD (\$), Euro (€), Yen (¥), GBP (£) wherever possible for correct evaluation during comparison.
- (vi) For the purpose of comparison of financial bid, rate of conversion of currency shall be the rates of date on opening of price bid.
- (17) Risk Purchase Clause: In the event of failure of supply of the item/equipment within the stipulated delivery schedule, the purchaser has all the right to purchase the item/equipment from the other source on the total risk of the supplier under risk purchase clause.
- (18) Delivery of the goods, including satisfactory installation and commissioning, shall be made within a maximum of 08 weeks from the date of placement of the purchase order
- (19) For delivery of goods at the purchaser's premises, the insurance shall be obtained by the supplier in an amount equal to 110% of the value of the goods from "warehouse to warehouse" (final destinations) on "All Risks" basis including War Risks and Strikes. The insurance shall be valid for a period of not less than 3 months after installation and commissioning. If orders placed on CIP basis, the insurance should be up to NII, New Delhi

(20) Payment:

- I. For Indigenous supplies, 90% payment shall be made by the Purchaser after successful and inspection, commissioning and acceptance of the equipment at NII in good condition and the 10% balance will be paid after the entire satisfaction of the Purchaser and on production of unconditional performance bank guarantee as specified in Clause 6 of (GTCC) tender terms and conditions.
- II. For imported items Payment will be made through irrevocable Letter of Credit (LC)/Via transfer. Letter of Credit (LC) will be established in favour of foreign Supplier after the submission of 10% performance Security. The letter of credit (LC) will be established on the exchange rates as applicable on the date of establishment. For Imports, LC will be opened for 100% CIP value. 90% of the LC amount shall be released on presentation of complete and clear shipping documents and 10% of the LC amount shall be released after the satisfactory installation and demonstration of the equipment at the NII site of installation in faultless working condition for period of 30 days from the date of the satisfactory installation and subject to the production of unconditional performance bank guarantee as specified in Clause 6 (GTCC) of the terms and conditions.
- III. Indian Agency commission (IAC), if any shall be paid after satisfactory installation & commissioning of the goods at the destination at the exchange rate on the date. All the bank charges within India will be borne by the Institute and outside India will be borne by the Supplier.

(21) Force Majeure

The Supplier shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure (with documentary evidence).

- (22) "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser (NII) either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.
- (23) Applicable Law: The Contract/Supply order shall be governed by the laws of India. The Contract/Supply Order shall be deemed to have been made at the place from where the purchase order is issued and only the Courts of that place shall have jurisdiction to decide on any dispute arising out of the Contract/Supply Order.
- (24) Jurisdiction: All suits arising out of the performance of the Contract/Supply order shall be instituted in a Court of jurisdiction located within the limits of Municipal Corporation of Delhi and in no other Court
- (25) A list of installation and the user (last two years) of the said instrument must be provided in the technical bid.

Purchaser

**On behalf of the Director, NII
Store Purchase Officer
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Technical specifications for a FAST PURIFICATION LIQUID CHROMATOGRAPHY SYSTEM (FPLC)

- 1) The system should be the state-of-the-art Fast Phase Liquid Chromatography (FPLC) system with the ability to support Affinity Chromatography, Ion-Exchange chromatography, Size-exclusion Chromatography & Hydrophobic Interaction Chromatography.
- 2) The system should have at least two pump modules capable of delivering a flow rate of 0.001 to 15 ml/min or more without the need for changing pump heads for the entire flow range and a pressure limit of 0 to 20 MPa or higher. The possibility to upgrade the system to use higher flow rates of >40 ml/min if required in the future is desirable – should be possible without addition of any module.
- 3) The system should have two pumps with 4 pump heads made up of a material which can tolerate harsh chromatographic buffers such as 8 M urea buffer and 6 M guanidinium hydrochloride.
- 4) The system should run with an automatic pressure control option, enabling modulation of the flow rate upon reaching the set pressure and continuing the run without pausing the system. The system should run at 4 deg C.
- 5) There should not be any siphoning effect due to gravity before the gradient formation.
- 6) The system must have an in-line mixer equipped with a magnetic stirrer to ensure accurate mixing of buffers. A mixer volume should be less than 1.5 mL to avoid sample dilution.
- 7) The system should come with a multi-wavelength detector which enables simultaneous monitoring of three different wavelengths in the range of 190-700 nm with the following UV-Vis parameters:
 - a. Noise of less than 0.1 mAU with a resolution of 0.001 mAU and minimum UV linearity of $\pm 2.0\%$ across the UV range.
 - b. Lamp should be a flash lamp with no requirement of warm-up time.
 - c. Lamp life should have an operating life of minimum 5000 hr.
 - d. Lamp should not cause any heat-up of the system detector to avoid sample degradation.
- 8) The system should have optical fiber-based light for a high signal-to-noise ratio, and automatically switching off the lamp in stand-by mode ensures a long lamp lifetime.
- 9) UV detector should have an absorbance range minimum of -3 to +3 AU with an optical path length of 2 mm and have a feature to normalize the data to 1 mm flow cell to compare the data with other FPLC systems.
- 10) The system must have a Conductivity Monitor of range 0.01 mS/cm to 999.99 mS/cm with an accuracy of ± 0.01 mS/cm with an in-built temperature sensor to correct variation due to temperature.
- 11) The conductivity monitor should be integrated with an automated temperature and flow compensation system.
- 12) The system should have the capability of an outlet valve having at least 3 outlet ports, one going to the Fraction collector, one to waste, and one to collect in separate vials/vessels (outlet valve)
- 13) The system should be supplied with a dropSync fraction collector. Minimize spillage using sensor and allows the use of 3, 8, 15 and 50 ml tubes. Fraction collector can be used in time, volume, or peak recognition mode. Automatic peak recognition minimizes cross-contamination and unwanted eluent can be diverted to the waste.(Fraction collector)
- 14) The system should include all types of connectors, filters, ferrules, Teflon and peek tubing, sample loops all other accessories - Screw lids and cap membranes, Tubing cutter ,Syringe, 10ml – 1 ,Column clamp for 10-21 mm o.d. columns ,Multi-purpose holder , Purge kit – 1 ,Tubing connector 1/16” – 5 ,Union luer F - 1/16" ,Fingertight connector 1/16” , Fingertight connector 1/16” red (for connection of columns) , Ferrule for inlet tubing , Stop plug, 1/16" , Inlet filter holder kit , Inlet filter set – 1 ,Wrench 1/4" (6,3 mm) , Union, 1/16”F - 1/16”F , Online filter kit -1 and 500ul sample loop
- 15) A desktop PC Compatible with SSD, 8GB RM, Windows 11 or higher, 500 GB hard disk and a 2kVA UPS for at least 30 min power backup should be quoted along with system (PC)
- 16) The system must also be provided with a column holder (Column holder)
- 17) The vendor should have at least 25 installations of similar models in reputed government organizations and a user list should be provided.
- 18) The system should come with a software with the following specifications:
 - a. The software should have intuitive user interface with an interactive process picture and simplified evaluation modules.
 - b. Sharing of methods and results along with remote access capabilities to systems to save valuable time and resources.
 - c. Software should perform real time control, data evaluation, watch commands, Scouting parameters, method queue, method wizard for easy programming, column library, with report generation option.
 - d. Automatic data recovery after run is over should be possible.

- e. Include WATCH functions (in addition to the alarms) in the control software to ensure that various parameters like pH, conductivity, pressure, etc. are in the acceptable range upon execution of an action by the operator.
- f. The system should be capable of being installed with Design of Experiment (DOE) software integrated with the System control software as a tool for experimental design for generating precise data in fewer experiments for time and cost-efficient method development.
- g. Software should be freely upgradeable within version along with the upgradation of system firmware to allow system operations through upgraded software.
- h. Software should be GMP and 21 CFR part 11 compliant.
- i. The software should have option of remote operating and visualizing the runs

18) The system should have the option to be integrated with third party detectors like fluorescence detectors, RI and autosamplers simultaneously for increased application flexibility at the time of purchase or post-purchase.

19) Basic and advanced training should be provided to complete the installation process

20) Company should have dedicated application specialists with a proven track record to provide onsite training as and when required and should also have application-training Centre in India. Company must have to provide comprehensive training to our technical staffs/students/Scientists.

22) The system must be provided with 3-year warranty.

Optional items that should also be quoted:

- a) A prepacked high-resolution size-exclusion column with a bed volume of 120ml or cross linked agarose and dextran (bead size~34 um) matrix of hydrophilic nature to minimize nonspecific adsorption and maximize recovery with a broad range of fractionation. (Fractionation range 3,000 -70,000 Da).
- b) A resource Q anion exchange chromatography column of size 6 ml.