



TENDER NOTICE

Tender Reference No.: SU/ET/2025-26/05

Date: 22/01/2026

E-Tender Notice for Supply of Protein purification System with Tangential Flow Filtration for Department of Microbiology, Sikkim University

e-Bids are invited from eligible and authorized agencies for the supply of **Protein purification System with Tangential Flow Filtration** for Department of Microbiology, Sikkim University as per the details given below:

Sl. No	Particulars	Specification	Quantity (In numbers)
1.	Protein purification System with Tangential Flow Filtration	<p>The system should be of modular in design with all valves, monitors, and columns mounted on the front, wet side of the system. The design should allow for easy interaction with all instrument modules.</p> <p>□ System should be supplied with a piston pump capable of running at flow rates ranging from 0.01 to 25 ml/min with an accuracy of +/- at least 2%.</p> <p>□ The pump should consist of Titanium Pump Heads for robustness and longevity.</p> <p>□ System should operate in a pressure range of 0 – 5 MPa with an accuracy of +/- at least 2%.</p> <p>□ The system should have an automated pressure monitor for column and system protection from high back pressure.</p> <p>□ The system should have a power saver mode in order to reduce power consumption during idle time.</p> <p>□ System should be supplied with a 1MI Mixer Chamber.</p> <p>□ System should have a gradient feature of using both lines A and B from 0 to 100% with a gradient linearity of atleast +/- 1%.</p> <p>□ System should have the capacity to connect up to 7 Valves.</p> <p>□ The UV-monitor should be silent and eco-friendly with low power consumption and long lifespan. It should not require warm-up prior to runs and should not heat samples.</p> <p>□ The UV-monitor should operate at wavelength of 280 nm and have an absorbance range of -6 to +6 AU.</p> <p>□ System should have optical path length of 2 mm or 5 mm.</p> <p>□ The system is pre-assembled with predefined tubing.</p> <p>□ System should be supplied with a conductivity monitor for conductivity measurement between 0.01ms/cm up to 999.99 ms/cm. System should be supplied with automated temperature compensation and flow restrictor.</p>	1

Sl. No	Particulars	Specification	Quantity (In numbers)
		<p> <input type="checkbox"/> The system should be supplied with a fraction collector. Minimize spillage using Drop Sync sensor and allows collection of up to 175 fractions and use of 3, 8, 15 and 50 ml tubes. Fraction collector can be used in time, volume or peak recognition mode. </p> <p> <input type="checkbox"/> System should have the feature to connect with third party detectors like RI, Light Scattering and Fluorescence etc as per customer application. </p> <p> <input type="checkbox"/> System should be supplied with a software which should be capable of creating methods, controlling the entire system and evaluation of chromatograms. </p> <p> <input type="checkbox"/> Tangential Flow Filtration should have below specifications:- </p> <p> <input type="checkbox"/> System should be a Plug-and-play benchtop TFF system designed for highly reliable buffer exchange or concentration of samples up to 1 L. </p> <p> <input type="checkbox"/> System should enable high concentration factors of samples and features a low system working volume to as little as 15 mL. </p> <p> <input type="checkbox"/> System should have a roller head peristaltic pumps to provide gentle processing which are the choice for critical applications such as fragile biomolecules </p> <p> <input type="checkbox"/> All wetted components should be made from low protein binding, chemically resistant, biologically safe materials. </p> <p> <input type="checkbox"/> The reservoir design should allow for either continuous or discontinuous diafiltration to be performed in the same system without sample transfer, allowing greater user control and easier validation </p> <p> <input type="checkbox"/> System should include Peristaltic pump, pump head pressure gauge, valves, reservoir with stir bar, built-in stir plate on a drip tray. </p> <p> <input type="checkbox"/> The Recirculation Flow Rate should be between 10 - 240 mL/min or better. </p> <p> <input type="checkbox"/> The Minimum System Working Volume should be 15 mL or lesser. </p> <p> <input type="checkbox"/> System should have a Maximum Inlet Pressure of 4.1 bar or better. </p> <p> <input type="checkbox"/> The material of construction should be as follows:- </p> <p> <input type="checkbox"/> Reservoir- Polysulfone </p> <p> <input type="checkbox"/> Reservoir Cover- Polypropylene </p> <p> <input type="checkbox"/> Reservoir O-Ring- Buna-N rubber (nitrile) </p> <p> <input type="checkbox"/> Magnetic Stir Bar- PTFE coated </p> <p> <input type="checkbox"/> Gauge Wetted Parts-Type 316L stainless steel </p> <p> <input type="checkbox"/> SS Fitting O-ring-EPDM rubber </p> <p> <input type="checkbox"/> Gauge Mounting Block-Polypropylene </p> <p> <input type="checkbox"/> Luer Fittings-Polypropylene and stainless steel </p> <p> <input type="checkbox"/> Tubing-PharMedu #16 </p> <p> <input type="checkbox"/> Three-Way Valves-Polycarbonate body, acetal core </p> <p> <input type="checkbox"/> Drip Tray-Urethane </p> <p> <input type="checkbox"/> System should be able to support a wide range of Molecular Weight Cut Off capsules for supporting a wide range of applications. </p> <p> <input type="checkbox"/> Vendor should provide QC Certificate, ISO Certificate from OEM for the quoted instrument. </p>	

Sl. No	Particulars	Specification	Quantity (In numbers)
		<p>□ The following items must be provided along with the above configuration:-</p> <p>a. Size Exclusion Resin with Elution Range from 5KDa to 250 KDa – 150 MI</p> <p>b. Empty Column with pressure limit upto 0.5 MPa and Bed Volume – Min 120 ml – Qty 1</p> <p>c. Desalting Column – 5 MI, Qty 1</p> <p>d. Nickel NTA Column – 5 MI, Qty 1</p> <p>e. Ion Exchange Column Set – Pack of 7 columns, 1ml bed volume.</p> <p>f. TFF Capsules – 3KDa, 5KDa and 10 KDa</p> <p>g. Compatible PC and UPS.</p>	

a.	Availability of tender document on CPP portal/ website: http://eprocure.gov.in/eprocure/app .	22.01.2026
b.	Request Tender Document from date and time	22.01.2026, 05:30 PM
c.	Request Tender documents till date and time	13.02.2026, 05:30 PM
d.	Date & Time for opening online Technical bid	16.02.2026, 11:00 AM
e.	Date and time for opening online financial bids	Shall be notified after technical bid is evaluated.
f.	Validity of tenders.	90 Days
g.	Estimated Value of the Contract	30,00,000/-

Terms and Conditions

- The bid should be submitted in compliance to the NIQ at: <http://eprocure.gov.in/eprocure/app>.
- In order to participate, the bidding firm should be registered in the online e-tender portal and should have a valid authorized Digital Signature Certificate – (DSC). Bids submitted otherwise shall not be accepted.
- The quoted product should be of reputed make and model.
- An amount of Rs.1000/- (non-refundable cost of downloaded tender form) and Rs. 90,000 (3% of estimated cost)/- (Earnest Money Deposit) in the form of NEFT should be remitted to the account details mentioned below:
Bank account details for NEFT transaction is as follows:
 - Account Holder's Name: Sikkim University
 - Account No: 112010100231541
 - Account Type: Savings Account
 - IFS CODE: UTIB0000112
 - Branch: Gangtok [SK]
 - Bank Name: AXIS Bank
- The bids shall be uploaded in two cover system consisting of Technical and Financial bid.
 - The technical documents required shall be as follows:**
 - Annexure I (Company Profile)
 - Annexure II (Quoted item specification)
 - Signed and sealed copy of Tender form and authorization letter for signatory person.
 - Company registration certificate.
 - Company PAN Card and G.S.T details

5.2. The financial documents required shall be as follows:

- I. BoQ – (Financial Bid in prescribed format)

6. Bids are to be submitted through online mode at <http://eprocure.gov.in/eprocure/app>. only no hard copy is to be sent to the University.
7. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted.
8. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises
9. The bidder registered with Micro and small-scale enterprises (MSEs) and Startups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT) are exempted from submitting bid security/EMD. If EMD and Application fees are claimed for exemption then the relevant certificate supporting the exemption claim may be uploaded along with the online tender document with Annexure-III.
10. The delivery of goods would be done at the risk and cost of the supplier and all products delivered would be approved only after the examination of the same is done by the concerned department of the University
11. The rate should be quoted including all costs such as labor charges, materials, GST etc. No other extra charges will be entertained under any circumstances over and above the total cost quoted in the financial bid.
12. The point of delivery and installation is as at Department of Microbiology, Sikkim University. Inspection of the delivered goods will be done by Department of Microbiology, Sikkim University
13. All support related to maintenance and service should be onsite during the warranty period.
14. The supplier should provide the certificate of originality at the time of delivery of the goods.
15. The items should be supplied within 30 days of receiving of the supply order failing which delay penalty will be charged @ 1% per week subject to a maximum of 10% will be charged on the total project cost.
16. a) Payment will be made after successful delivery, installation and inspection of the goods.
b) Performance security shall be retained @ 3% of purchase order value for minimum period of 60 days beyond the date of completion of all purchase obligations of the supplier including warranty obligations.
17. Participating firm may contact Mr. Pukar Bishwakarma, Department of Microbiology, Sikkim University at 8759886844 for any queries related to the tender.

18. Arbitration of all disputes related to the procurement, delivery and service of the goods would be done in the Gangtok jurisdiction, Sikkim.
19. The Registrar, Sikkim University, has the power to reject any tender or all tender or extend the date of opening of tender without citing any reasons. Decision of The Registrar, Sikkim University will be final and binding to all tenderers.

**Sd/-
Registrar**

Note: All page(s) of Annexure I has to be printed in official letter head and have to be duly signed and stamped by the authorized signatory.

Annexure-I
COMPANY PROFILE

Supplier's Ref. No.....

Dated.....

Tender Reference No...:SU/ET/2025-26/05

Dated: 22/01/2026

FOLLOWING DETAILS ARE TO BE FURNISHED BY THE BIDDING FIRM

1. Name of the Firm:
2. Address of the Firm:
3. Contact no:
4. Email address:
5. Registration details:
6. Permanent Account Number:
7. G.S.T number :
8. Bank Account Number:
Bank name:
Branch name:
IFSC code:
9. Tender fee details:
Name of Bank NEFT No. Date:
..... Amount.....
10. EMD fee Details:
Name of Bank NEFT No. Date:
..... Amount.....

Declaration:

I/We hereby declare that I/We have read & understood all the terms & conditions mentioned in the E-tender notice and I/We undertake myself/ourselves to abide by them. I/We further, declare that all the information given above is true and the financial bid BOQ has been quoted in compliance to the item specifications listed above in Annexure II (Technical Bid).

Name:

Designation:

[Official Seal with authorized signature]

Place:

Date:

Annexure II

QUOTED ITEM SPECIFICATION

Supplier's Ref. No.....

Dated.....

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ANNEXIRE-III

Bid Security Declaration Form

Date: _____ Tender No. _____

To

The Registrar

Sikkim University

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

- a. have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- b. having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or(ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

Name: (insert complete name of person signing the Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing)

Corporate Seal (where appropriate)