

UNIVERSITY OF JAMMU
SCHOOL OF BIOTECHNOLOGY, UNIVERSITY OF JAMMU-180006

School of Biotechnology, University of Jammu, Jammu & Kashmir is interested in the purchase of **HPLC SYSTEM** as per specifications given in the Annexure 1. The Department invites sealed bids / tenders bids from reputed Manufacturers or their Authorized Distributors / Dealers for Supply, Installation and Training of **HPLC SYSTEM**. Interested parties may submit their sealed bids online as per Technical Specifications given at Annexure 1 and General Terms & Conditions given at Annexure II. The tender will be published online on <https://jktenders.gov.in>. The TECHNICAL BID and PRICE BID has to be submitted online before the due date i.e. **05/03/2021**, Whereas hard copy of the TECHNICAL BID along with EMD has to reach to the office of the Director, School of Biotechnology, University of Jammu, Jammu 180006 before the due date in a sealed envelope (duly superscripted with Tender No. and date).

For any query pertaining to this tender contact Professor B. K. Bajaj, School of Biotechnology University of Jammu, Jammu 180006.

The technical bid will be evaluated first and price bid will be opened only in respect of those Vendors, who are found technically qualified after evaluation of Technical Bid. The Technical bid will be opened on **08/03/2021** in the School of Biotechnology, University of Jammu, Jammu - 180006

Director
School of Biotechnology,
University of Jammu, Jammu - 180006

Ref. No. JU/SBT/2021/3040
Dated: 11-02-2021

Annexure-I

Item No	Equipment	Quantity	Technical Specification
1	<u>HPLC SYSTEM</u>	1	<p style="text-align: center;"><u>THESE ARE THE MINIMUM SPECIFICATIONS. EQUIPMENTS WITH BETTER SPECIFICATIONS WOULD ALSO BE CONSIDERED.</u></p>
			<p><u>Specifications for HPLC System</u></p> <p><u>1. Solvent Delivery Unit- Binary</u></p> <ul style="list-style-type: none"> • <u>Two (02) Separate Pump systems</u> • Programmable flow rate range: 0.001 to 10 mL/min or better. • Max. Operating pressure: 5800 psi to 6000 psi • Flow precision: 0.07 % RSD or less. • Flow rate accuracy: 1 % <p><u>2. Manual injector</u></p> <ul style="list-style-type: none"> • Rheodyne injector with standard loop for 20µl, 100µl, 500µl and 2 ml Loop. • Injection volume: 0.1 to 100 micro litres <p><u>3. Photo Diode Array (PDA) Detector</u></p> <ul style="list-style-type: none"> • Wavelength range: 190 – 800 nm • Number of Diodes: 1024 • Light source: Deuterium lamp and Tungsten lamp • Wavelength accuracy: ± 1 nm • Data Rate: 100 Hz or Better. • Noise: < ± 0.6 x 10⁻⁵ AU or better • Drift: less than or equal to 1 x 10⁻⁴ AU/hr • Temperature controlled flow cell: 5 degree above room temp to not more than 55 degree • Flow cell: 10mm path length • Flow cell volume: 10 to 15 ul <p><u>4. Columns</u></p> <ul style="list-style-type: none"> • C18 Analytical Column (250mmx4.6mmx5u) • C8 Analytical Column (250mmx4.6mmx5u) <p><u>5. Fraction Collector</u></p> <ul style="list-style-type: none"> • <u>Maximum number of fractions: upto 66</u> • Maximum flow rate: 10 to 20 ml • Ambient temperature range: 4 to 35°C or better. • Fraction collector tube rack with glass tubes (01 packets)

		<p>6. Chromatography Software</p> <ul style="list-style-type: none">• Software should be latest.• The software should be 21 CFR compliance. <p>7. 1.5 ton Split AC with suitable voltage stabilizer</p> <p>8. Branded Desktop (all in one) AND PRINTER</p> <p>All in One Desktop with Latest configuration of i5 Processor with 8 GB RAM, 1 TB HDD, Windows 10, 256 GB SSD card, MS Office and 19” LED Monitor and 3KVA UPS and Black and white 3 in 1 laser printer.</p> <p>9. UPS: 3 KVA (01 No.)</p> <p>5 years warranty should be provided. Vendor should have service centre/office in North territory of India. Installation and training should be provided onsite by a trained engineer. All custom clearances and transportation shall be borne by the company. The components and spare parts should be made available for at least 10 years or more. The purchase committee reserves the right to cancel the bid or consider it non responsive, if any of the specifications and conditions are not met.</p>
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Annexure-II

General terms and conditions

1. Rates should be F.O.R. Jammu University Campus.
2. In case of foreign manufacturer kindly quote F.O.R Jammu University Campus in foreign currency. Also quote tentative charges for custom Duty, Clearance charges and Transportation and Insurance up to Jammu separately.
3. Goods must conform to our indicated specifications. Detailed technical and other specifications / literature must be enclosed.
4. Indicate concessional rates of tax for educational institutions. The GST rates must be clearly mentioned separately.
5. The submission of the tenders will be online. The Technical Bid and Price bid has to be submitted online on www.jktenders.gov.in. Whereas the hard copy along with EMD has to be submitted offline on or before due date in a sealed envelope.
6. Earnest Money Deposit (EMD) 2% of estimated price to be submitted along with commercial bid. Bids without EMD will be rejected.
7. The warranty of the product should be at least five Year.
8. The rates should be valid for 120 days. Both technical bid and the commercial bid addressed to undersigned and duly sealed /signed and tapped with official stamp should reach this office latest by **05/03/2021**.
9. Bidder should submit Purchase orders and / user List as a proof of the dealing with other Government organizations / Institutions. The date of the supply order should be within last Three years from the date of publishing the BID.
10. Bidder should submit Valid Authorization Certificate from OEM for each against this NIT.
11. The firm/bidders should provide non blacklisting certificate mentioning it should not have criminal records/cases/activities.
12. Reports on Financial standing of the bidder such as profit and loss statement, balance sheet and auditor reports for the past three years, banker's certificate etc. should be provided by the bidders.
13. The bidder's firm should be established since last 5 years Documentary Evidence to be submitted along technical BID.
14. The bidder should have enough strength of people for the after sales support with their branch offices near to Jammu/Chandigarh. The details of Service Centre and Office addresses along with Service personnel need to be shared for the verifications.
15. Self-attested copies of GST and PAN card and Firm registration certificates to be submitted.
16. The bidder should have ISO or equivalent quality Certification.
17. The delivery, installation and operational training of the instruments/equipment should be completed within 45 days from placing of the order failing which the bank guaranty shall be retained by the Department.
18. The successful Bidder must provide Bank Guarantee equivalent to 3% of the cost of equipment to the Value of Order from Nationalized or Scheduled bank.
19. All Documents submitted in technical BID should be self-Attested (Signed and Stamped).
20. Training should be provided onsite.