



ISLAMIC UNIVERSITY OF SCIENCE & TECHNOLOGY AWANTIPORA, KASHMIR

Tender for Supply and Installation of Liquid Chromatography – Mass Spectrometer (LC-MS) Instrument

For and on behalf of Vice Chancellor Islamic University of Science and Technology, Awantipora, tenders in **Two Cover System** (Technical & Financial Bid) are hereby invited from original manufacturers/authorized dealers (having specific authorization from their original manufacturer/s to quote against this tender as per the format provided in Annexure – B of the tender for supply and installation of **Liquid Chromatography – Mass Spectrometer (LC-MS) Instrument** as detailed in the tender document/BOQ.

Tenders shall be submitted in the office of Dean, Health Sciences by or before **24-11-2023**. The detailed tender document can be had from the office of Procurement and Stores, IUST or can be downloaded on the University website www.iust.ac.in.

The tenders must accompany with the cost of Tender document in the shape of Demand Draft favoring to Islamic University of Science & Technology, payable at Awantipora and earnest money deposit (EMD) in the shape of CDR/FDR from any Nationalized /Scheduled Bank pledged to Islamic University of Science and Technology Awantipora.

Sd/-

Dean, Health Sciences/Principal Investigator

No: IUST/Reg PS/DHS/2023/340

Dated: 03-11-2023

TENDER FOR SUPPLY OF LIQUID CHROMATOGRAPH-MASS SPECTROMETER (LC-MS) INSTRUMENT

This bid aims for purchase of **Liquid Chromatography – Mass Spectrometer (LC-MS) Instrument**. Therefore, Islamic University of Sciences and Technology (IUST) invite the tenders from eligible bidders for the supply and installation of **Liquid Chromatography – Mass Spectrometer (LC-MS) Instrument**. Bidders are requested to quote their best possible prices with special discount, as the set-up is a non- commercial public service educational initiative supported by University Grants Commission (UGC) and Ministry of Human Resource Development (MHRD), Government of India (GOI).

The address and contact numbers for sending bids or seeking clarifications regarding this tender are given below:

- a) Bids/queries to be addressed to: **Dean, Health Science/Principal Investigator Islamic University of Science and Technology, Awantipora-192122**
- b) E-mail ID's of contact personnel : purse@iust.ac.in / procurement.stores@islamicuniversity.edu.in

SCHEDULE OF VARIOUS ACTIVITIES

S. No	Activity	Date
1.	Date of issuance of tender notice	03-11-2023
2.	Date of downloading the bid documents	03-11-2023
4.	Bid Submission close Date	24-11-2023

This TENDER is divided into four Parts as follows:

Part I. contains general information and instructions for the Bidders about the Tender

Part II. Contains essential details of the items required such as delivery period, mode of delivery and consignee details

Part III. Contains Terms and conditions of the contract with the supplier

Part IV. Evaluation criteria and format for Price

Part I. General Information

1. The tender should be submitted by the due date and time. The responsibility to ensure this lies with the bidder.
2. **Manner of Depositing the Bids:** The Technical Bid and the Financial Bid of the Tender should be sealed in separate envelopes scribing the wordings – **“Technical Bid and Financial Bid respectively and both the envelopes (Technical Bid and Financial Bid containing envelopes) shall be sealed in one Envelope scribing “Tender for Liquid Chromatography – Mass Spectrometer (LC-MS) Instrument.**
3. The University reserves the right to amend the Bid document, tentative schedule and critical dates. The tender/bid document is available at the Office of the Dean, Health Sciences or can be downloaded from the University website www.iust.ac.in
4. **The commercial bid should be filled as per the BOQ.** The prices quoted in the bid against the item should be inclusive of all charges FOR destination Islamic University of Science & Technology (IUST) Campus, Awantipora Kashmir, J&K. Prices are to remain valid for 90 days from the date of opening of the Bid.
5. **Two Bid System:** Technical Bid would be opened and the tender found eligible will go for opening of Commercial Bid on the same day or the day as decided by the Competent Authority and commercial bids of ineligible tender will not be opened.
6. **Clarification Regarding Contents of the Tender:** A prospective bidder who requires clarification regarding the contents of the bidding documents shall notify in writing about the clarifications sought. Clarification if any shall be notified on the website in the form of Corrigendum and no separate paper publication shall be made.
7. **Earnest Money Deposit:** Bidders are required to submit Earnest Money Deposit (EMD) amounting of Rs. 75,000/- (Seventy-Five thousand only) along with their bids. The EMD may be submitted in the form CDR/FDR from any Nationalized /scheduled Bank pledged to Islamic University of Science and Technology, Awantipora (Pulwama) J&K. The EMD is to remain valid for a period of 90 days. EMD of the unsuccessful bidders will be returned to them at the earliest. The bid Security of the successful bidder would be returned, without any interest whatsoever, after the successful supply and installation of the items and after the verification by a Committee specially constituted for the purpose and in case the Committee is of the opinion that the supplies are not of the required specifications, the supplies shall be rejected and responsibility of lifting back the supplies will devolve on the supplier. Besides, in such event, the EMD shall stand forfeited and the extra cost incurred in arranging the supply from the alternative sources shall also be recovered from the defaulting supplier apart from initiating the proceedings for blacklisting.
8. **Cost of Tender:** Cost of Tender Document will be Rs. 500/- (non-refundable) in the form of Bank Demand Draft in favour of Islamic University of Science and Technology, Awantipora (Pulwama) J&K and must be submitted alongwith the tender, otherwise the bid will be rejected.
9. **Eligibility Criteria:** -

- a) Firm/Bidders blacklisted at any state by any State/Central Universities, NITs/IITS, Central/State Government body/PSUs etc need not to apply.
- b) The bidder should have the experience of similar work with reputed organization. The documentary proof in the form of purchase orders/supply orders must be submitted along with the bid.
- c) The Bidder/Tenderer must provide the following mandatory information/documents in the Technical Bid
 - I. GST Registration
 - II. PAN Card
 - III. Authorization Certificate from the Manufacturer/OEM
 - IV. Experience proof documents in shape of supply orders of similar nature of work.
 - V. Turnover for last three financial years from the Chartered Accountant.
 - VI. List of the organizations /Customers dealt by them.
 - VII. Compliance Sheet from the Bidder (wherein the bidder shall have to give the compliance of the specification of the equipment mentioned in the tender)
10. The payment will be processed after the delivery of items, successful verification/ inspection of item as per the University norms and on submission of bills in triplicate.
11. In case of any dispute, the jurisdiction shall be restricted to Srinagar courts.

Part II. Essential Details of Items required

1. **Delivery period:** Delivery period for supply of the items shall be 20 days from the effective date of placing the supply order. The Supply order can be cancelled by the University in case items are not received within the stipulated time. Extension of delivery period will be at sole discretion of the University.
2. The supply, transportation etc of the items shall be sole responsibility and at the risk of the firm till the acceptance by the University.
3. The total prices given are F O R destination Islamic University of Science & Technology (IUST) Campus Stores at Awantipora Kashmir, J&K. The prices shall be inclusive of all charges including freight, packing, forwarding and commissioning and GST.
4. Consignee Details. Prof. Ayub Qadri, Dean, Health Sciences/Principal Investigator, Islamic University of Science and Technology, Awantipora-192122

Part III. Terms and Conditions of the contract with the supplier

1. The supply, transportation, installation etc. of the items shall be sole responsibility and at the risk of the firm till the acceptance by the University.
2. The supplied items made under this tender will be inspected by a Committee specially constituted for the purpose and in case the Committee is of the opinion that the supplies are not of the required specifications, the supplies shall be rejected and responsibility of lifting back the supplies will devolve on the supplier. Besides, in such event, the EMD shall stand forfeited and the extra cost incurred in arranging the supply from the alternative sources shall also be recovered from the defaulting supplier apart from initiating the proceedings for blacklisting.
3. The University reserves the right that it may or may not issue the supply order for any item/s mentioned in the tender.
4. The University reserves the right to reject or accept any Proposal without assigning any reason or cancel or withdraw the tender. The University reserves the right to relax any condition enumerated or arising out of this tender, without assigning any reason/s thereof. If the supply of the required items are not affected before the specified period, the University shall have the authority to cancel the order or to take any action deemed fit in the circumstances.
5. In case of any dispute the jurisdiction will be courts at Srinagar only.
6. The EMD may be forfeited:

- (a) If a Bidder withdraws its bid during the period of bid validity.
 - (b) If at any stage it is proven that the information given by the bidder is incorrect.
 - (c) In case of a successful Bidder, if the Bidder fails:
 - to execute the supply within the stipulated time.
 - if the items are not as per the specifications.
7. The University may, for any reason, whether suo-moto or in response to a clarification requested by a prospective bidder, modify the bidding documents by an amendment, any time prior to the last date for submission of bids.
 8. During evaluation of bids, the University may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted.
 9. All the item(s) supplied through this Tender shall be covered by a warranty that a bidder mentions in the tender document. During the period of warranty, no charges will be paid by the University on any kind of service or repairs carried out by the supplier.
 10. The warranty period takes effect from the date of acceptance of the items by the University.
 11. Failure of the successful bidder to comply with the requirements of the University shall constitute sufficient ground for the annulment of the award and forfeiture of the bid security, in which event the University may make the award to the next lowest bidder or call for new bids.

Part IV. Evaluation criteria and format for Price :

- Only those Bids will be evaluated which are found to be fulfilling all the eligibility and qualifying requirements of the tender Enquiry.
- Prices quoted by the FIRM should be precise and unambiguous. Rate per unit is to be quoted individually as per format for submission of Financial Bid bid at Annexure "B". Clarifications, if any, may be obtained from this office prior to submission of tender.

CHECK LIST (ON THE LETTER HEAD OF THE BIDDER)

S. No	Documents	YES/No	Proof of Document
3.	Tender Fee.		As given in tender document
4.	Earnest Money Deposit (EMD)		As given in tender document
5.	Authorization from the Manufacturer		Copy of Registration
6.	Documents in proof of Similar work experience		(Copy of Purchase Order, etc.)
7.	Affidavit to the effect that the bidder is not Black Listed by any State/Central Universities NIT/IIT/IIIT		Furnish details as per Annexure-A
8.	Financial strength to undertake the work		Turnover for last three financial years from Chartered Accountant
9	Compliance Sheet		The bidder shall have to give the compliance to the specification of the equipment mentioned in the tender

CERTIFICATE AND DECLARATION:

- (a) I/We certify that no addition/modification/alteration has been made in the Original Tender Document. If at any stage addition /modification /alteration is noticed in the Original Document. I/We will abide by the terms and conditions contained in the original tender document as well as amendments made by the University, failing which University reserves the right to reject the tender and/or cancel the contract.
- (b) It has been certified that all information provided in tender form is true and correct to the best of my knowledge and belief. We hereby declare that our proposal is made in good faith, without collusion or fraud. No forged /tampered document(s) are produced with tender form for gaining unlawful advantage. We understand that the University is authorized to make enquiry to establish the facts claimed and obtained confidential reports from clients.
- (c) In case it is established that any information provided by us is false / misleading or in the circumstances where it is found that we have made any wrong claims or concealed any information, the University is authorized to blacklist our firm/company/agency and debar us in participating in any tender/bid in future.
- (d) I / We assure the Institute that neither I /We, nor any of my/our workers, will do any act which is improper / illegal during the execution, in case the tender is awarded to us.
- (e) Our Firm / Company / Agency has not been blacklisted or banned by any Govt. Department, PSU, University, Autonomous Institute or any other Govt. Organization.
- (f) I/We certify that, I have understood all the terms & conditions, as indicated in the tender document, and hereby accept the same in entirety failing which shall be liable for action as deemed appropriate by the University.
- (g) I/We hereby declare that the information furnished in this tender document by us is true and correct and also we have gone through the terms and conditions stipulated in the Tender Document and confirm to abide by the same. In case the provided information is found incorrect at any stage, the University may take appropriate action as warranted.

Name and sign of the authorized person of the firm along with seal

Place:

Date:

AFFIDAVIT REGARDING BLACKLISTING/ NON- BLACKLISTING FROM TAKING PART

(To be executed on Rs.10/- Stamp paper & attested by Public Notary/Executive Magistrate by the bidder)

I / We Proprietor/ Partner(s)/ Director(s) of M/S.-----
hereby declare that the firm/company namely M/s.-----

----- has not been blacklisted or debarred in the past by Islamic University of Science and Technology, Awantipora or any other Government organization from taking part in Government tenders.

Or

I / We Proprietor/ Partner(s)/ Director(s) of M/S.----- hereby
declare that the firm/company namely M/S.-----
-----was blacklisted or debarred by Islamic University of Science and Technology, Awantipora, or any other Government Department from taking part in Government tenders for a period of ----- years w. e.f. -----.
The period is over on-----and now the firm/company is entitled to take part in tenders. In case the above information found false I/We are fully aware that the tender/ contract will be rejected/cancelled by Islamic University of Science and Technology, Awantipora and EMD/SD shall be forfeited.

Signature..... Name.....

Capacity in which assigned: Name &

address of the firm: Date:

Signature of Bidder with seal

Financial Bid**for Liquid Chromatography-Mass Spectrometer (LC-MS) Detector**

An automatic computer-controlled High-Performance liquid chromatography (HPLC) system equipped with a suitable Quaternary Solvent Delivery Pump with autosampler, Column Compartment, and MS Detector capable of working in both Isocratic & gradient operations for Impurity Identification and molecular weight detection. It should provide error-free programming of pump parameters including flow rates, operating pressure limits, compressibility compensation, calibration, and diagnostics. Both, HPLC and Quadrupole mass spectrometer must be manufactured, supplied, and installed by a single vendor to provide seamless integration between the LC and MS.

Name of the Equipment	System	Specifications	To be filled by the Bidder		
			Make/Model No.	Warranty offered by the bidder	Rate per No inclusive of supply, installation, transportation, all charges/taxes including of GST The rate quoted by the bidder shall include the price of Desktop and Power backup as mentioned in the bid
Liquid Chromatography-Mass Spectrometer (LC-MS) Detector	Pump – Quaternary	<ul style="list-style-type: none"> Quaternary gradient pump capable of mixing up to 4 solvents. Hydraulic system Dual pistons in series pump with proprietary servo-controlled variable stroke design and smooth motion control for active damping. Flow rates 0.001-10 ml/min. Flow rate accuracy $\pm 1\%$ Flow rate precision: $\leq 0.07\%$ RSD Max. Operating pressure: 8700 psi or more Composition precision: $\leq 0.2\%$ RSD Capable of working in both isocratic and gradient operations The number of solvent channels should be a minimum of four with an integrated channel degassing unit. Safe leak handling Flow precision $\leq 0.07\%$ RSD 			

	Injection system: Autosampler (Detachable, if needed)	<ul style="list-style-type: none"> • Injection Volume Range: up to 100 µL. • Max. operating pressure: 8700 psi or more • Auto sampler carryover: < 0.005 % RSD or better • Injection Precision: 0.3% RSD or better • Sample capacity: 120 or more vials of 1.5/2 ml • Should have advanced features like auto dilution, derivatization, and auto addition. • Should have separate flush ports to wash the needle. 			
	Thermostat Column compartment	<ul style="list-style-type: none"> • Should accommodate a minimum of two Columns of 30 Cm. • Compatible with autosampler and software controlled. • Temperature controlled range: 5 °C above ambient to 80 ° C • Heat-up time 5 min from 20°C to 40 °C. 			
	Software and Hardware	<ul style="list-style-type: none"> • Software should be the latest, genuine, and original with a Part Number. • Single Point Control for a complete system including all modules, acquire, process, and reproduce the data & Mac data processing unit to process the data in the field. • Real-time triggers to react to the condition i.e., to act on Fault, Leakage, Stop, Start, wavelength switching, injection, etc. 			
	MS Detector:	<ul style="list-style-type: none"> • Ion Source: Must have a Dedicated ESI Source for the Ionization of molecules. • Mass Range: 5 – 1,450 m/z or better. • Analyzer Type: Quadrupole Analyzer. • Scan Speed: 10,000 Da/Sec or better. • ESI Sensitivity (SIM Mode): The instrument should give pg level sensitivity and 1pg on column injection of reserpine should produce an S/N ratio at least better than 40:1 			

		<ul style="list-style-type: none"> • ESI Sensitivity (SIM Mode): The instrument should give pg level sensitivity and 1pg on column injection of Chloramphenicol should produce an S/N ratio at least better than 40:1 • Mass Resolution: - unit $\leq 0.7u$ (Da) • Maximum SIM Transition: - 500 SIM ions per time segment or better. • Mass Accuracy must be ± 0.1 Da for better • Linear Dynamic Range: Must have 6 orders of linear dynamic range. • SIM Dwell Time: Should be 25 msec or better. • The system should have software software-controlled inbuilt flow diverter to divert flow in MS or waste in between the Run. • Vacuum System: Highly efficient vacuum systems consisting of Turbo molecular pumps followed by rotary mechanical pumps must be provided. • Nitrogen Generator: Imported and reputed N2 gas generator should be quoted. • Software: Licensed software to control instruments, and to capture, process, and report data and Analysis capability. • Integrated software to control MS and LC together. • The Software shall be capable of auto-calibration and all quantitative workflows. • Detector: - High energy conversion dynode and electron multiplier horn 			
	Columns	<ul style="list-style-type: none"> • C-18 Analytical column (4.6 x 150 mm, 4 μm)- Qty-01 Nos • C-18 Analytical column (2.1 x 50 mm, 1.8 μm)- Qty-01 Nos 			
	Additional Feature	<ul style="list-style-type: none"> • The system should have the provision for complete upgradation (module and system-wise) capability in the future. 			

	Desktop PC.	<ul style="list-style-type: none">• Factory-fitted Computer and Color Printer required software to control the system to be supplied along with the instrument.			
	Warranty	<ul style="list-style-type: none">• Standard Warranty on LCMS & Nitrogen Generator.			
	Power backup	<ul style="list-style-type: none">• A USB power back up should be provided.			

Seal and Signature of the Bidder