

Global Tender notification for the procurement of a “QTOF Mass Spectrometer and Ultra-high Performance Liquid Chromatography (QTOF-UHPLC)”

(Exempted from GTE as per Department of Expenditure (DoE) issued OMs No. F.1211712019-PPD dated 15.05.2020 & 28.05.2020)

This is an FRQ (Request for Quotation) for the procurement of a “QTOF Mass Spectrometer and Ultra-high Performance Liquid Chromatography (QTOF-UHPLC)” for Centre for Nano Science and Engineering (CeNSE) at Indian Institute of Science (IISc), Bangalore.

IISc is India’s best research institute and CeNSE is multidisciplinary research department with the best academic fabs in the world that houses a 14,000 sq. ft cleanroom.

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Section 1- Bid Schedule

1	Tender No	CeNSE/NKB/01/2024-25
2	Tender Date	June 11, 2024
3	Item Description	QTOF Mass Spectrometer and Ultra-high Performance Liquid Chromatography (QTOF-UHPLC) which will be used for the measurement of post-translational modification of proteins in the clinical samples.
4	Tender Type	Two bid system (i) Technical Bid (Part A) (ii) Commercial Bid (Part B)
5	Place of tender submission	Chairperson Office, Attn: Prof. Navakanta Bhat Designation – Dean, Division of Interdisciplinary Sciences, Professor, Centre for Nano Science and Engineering Email ID – navakant@iisc.ac.in Indian Institute of Science, Bangalore 560012
6	Last Date & Time for submission of tender	July 3, 2024
7	For further clarification	Prof. Navakanta Bhat Designation - Dean, Division of Interdisciplinary Sciences, Professor, Centre for Nano Science and Engineering (CeNSE) Email ID – navakant@iisc.ac.in

Section 2 – Eligibility Criteria

Prequalification criteria:

1. The Bidder's firm should have existed for a minimum of 5 years. (Enclosed Company Registration Certificate)
2. The Bidder should have qualified technical service personnel for the instrument(s) based in India.
2. The Bidder's firm should have existence for a minimum of 5 years. The bidder should enclose company registration certificate.
3. The bidder should sign and submit the declaration for Acceptance of Terms and Conditions as per Annexure 4.
4. The Bidder must not be blacklisted/banned/suspended or have a record of any service-related dispute with any organization in India or elsewhere. A declaration to this effect has to be given as per Annexure 3.

Section 3 – Terms and Conditions

A) Submission of Tender:

1. All documentations in the tender should be in English.
2. Tender should be submitted in two envelopes (two bid system).
 - a. **Technical Bid (Part-A)** – Technical bid consisting of all technical details and check list for to technical specifications. The technical bid **must not contain** any price information.

The technical proposal should contain a technical compliance table with 5 columns.

- i. The first column must list the technical requirements, in the order that they are given in the technical requirement below.
 - ii. The second column should provide specifications of the instrument against the requirement. Please provide quantitative responses wherever possible.
 - iii. The third column should describe your compliance with a “YES” or “NO” only. Ensure that the entries in column 2 and column 3 are consistent.
 - iv. The fourth column should state the reasons/explanations/context for deviations, if any.
 - v. The fifth column can contain additional remarks. You can use this opportunity to highlight technical features, qualify response of previous columns, or provide additional details, compare your solution with that of your competitors or provide details as requested in the technical requirements table below.
 - vi. Any additional capabilities or technical details, that you would like to bring to the attention of the purchase committee, can be listed at the end of the technical table.
 - vii. **Tender documents without technical compliance documents will not be considered.**
 - b. **Commercial Bid (Part-B)** – Indicating item wise price for the items mentioned in the technical bid, **as per the format of quotation provided in tender**, and other commercial terms and conditions.
3. The technical bid and price bid should each be placed in separate sealed covers, superscripting on both the envelopes the tender no. and the due date. Both these sealed covers are to be placed in a bigger cover which should also be sealed and duly superscripted with the Tender No, Tender Description & Due Date.
 4. The SEALED COVER superscripting tender number / due date & should reach Chairperson Office, Centre for Nano Science and Engineering, Indian Institute of Science, Bangalore 560012, India, on or before due date mentioned in the tender notice. In case due date happens to be holiday the tender will be accepted and opened on the next working day. If the quotation cover is not sealed, it will be rejected.
 5. All queries are to be addressed to the person identified in “Section 1 – Bid Schedule” of the tender notice.

6. GST/other taxes, levies etc., are to be indicated separately. The BIDDER should mention GST Registration and PAN in the tender document (Indian Bidders only).
7. If price is not quoted in Commercial Bid as per the format provided in tender document the bid is liable to be rejected.
8. The vendor should have qualified technical service personnel for the equipment based in India and should assure a response time of <48 hours.
9. The technical proposal must include references of at least 3 previous installations done in India within last 5 years of similar equipment from the equipment manufacturer. Please provide the names and contact addresses of the three independent referees, so that the committee can contact them independently to get reference. Please provide the installation report.
10. A technical evaluation by the purchase committee may include a demonstration to verify the functionalities and capabilities of the system quoted. The purchase committee reserves the right to reject the bids based on their technical evaluation of the quality of data, capability demonstration, and service. If the data/requested capability demonstration does not happen within a stipulated timeframe, the bid will be rejected. Any discrepancy between the promised specifications and measurements will be deemed as technical non-compliance. Imported items should be shipped on C.I.P. Bangalore basis (by Air Freight only), and all components and accessories indicate component-wise and itemized breakup. Provide certificates for the country of origin of manufacturing for each line item. The price of every line item in the commercial bid should be quoted along with the total quoted price for the instrument to be operational (installed and ready to use) in our facility.
11. The purchase committee reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to the award of contract, without there by incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders.
12. Incomplete bids will be summarily rejected.
13. The decision of purchase committee will be final.

B) Cancellation of Tender:

Notwithstanding anything specified in this tender document, IISc Bangalore, in its sole discretion, unconditionally and without having to assign any reason, reserves the rights:

- a. To accept OR reject lowest tender or any other tender or all the tenders.
- b. To accept any tender in full or in part.
- c. To reject the tender, offer not confirming to the tender terms.

C) Validity of the offer:

The offer shall be **valid 90 Days** from the date of opening of the commercial bid.

D) Evaluation of the offer:

1. The technical bid (Part A) will be opened first and evaluated.
2. Bidders meeting the required eligibility criteria as stated in Section 2 of this document shall only be considered for Commercial Bid (Part B) opening. Further, agencies not furnishing the documentary evidence as required will not be considered.
3. Pre-qualification of the bidders shall not imply final acceptance of the Commercial Bid. The agency may be rejected at any point during technical evaluation or during commercial evaluation. The decision in regard to acceptance and / or rejection of any offer in part or full shall be the sole discretion of IISc Bangalore, and decision in this regard shall be binding on the bidders.
4. The award of contract will be subject to acceptance of the terms and conditions stated in this tender.
5. Any offer which deviates from the vital conditions (as illustrated below) of the tender is liable to be rejected:
 - a. Non-submission of complete offers.
 - b. Receipt of bids after due date and time and or by email / fax (unless specified otherwise).
 - c. Receipt of bids in open conditions.
6. In case any BIDDER is silent on any clauses mentioned in these tender documents, IISc Bangalore shall construe that the BIDDER had accepted the clauses as of the tender and no further claim will be entertained.
7. No revision in the terms and conditions quoted in the offer will be entertained after the last date and time fixed for receipt of tenders.
8. Lowest bid will be calculated based on the total price of all items tendered for Basic equipment along with accessories selected for installation, operation, pre-processing and post processing, optional items, recommended spares, warranty, annual maintenance contract.

E) Pre-requisites:

The bidder will provide the prerequisite installation requirement of the equipment along with the technical bid.

F) Warranty:

The complete system is to be under warranty period of **minimum 2 year** including free supply of consumables, spare parts, and data analysis software from the date of functional installation. Vendor should include cost of any spares that are expected to be needed during the warranty period, including electronics, subcomponents, and software. If the instrument is found to be defective, it must be replaced or rectified at the cost of the bidder within 30 days from the date of receipt of written communications from IISc, Bangalore. If there is any delay in replacement or rectification, the warranty period should be correspondingly extended.

G) Annual Maintenance Contract (AMC)

An annual maintenance contract for an additional period of 1 year post warranty should be provided on completion of warranty period. If not possible, ample justification is needed.

H) Purchase Order:

1. The order will be placed on the bidder whose bid is accepted by IISc Bangalore based on the terms & conditions mentioned in the tender document.
2. The quantity of the items in tender is only indicative. IISc, Bangalore reserves the right to increase /decrease the quantity of the items depending on the requirement.
3. If the quality of the product and service provided is not found satisfactory, IISc, Bangalore reserves the right to cancel or amend the contract.
4. After the award of the purchase order, the vendor must provide an Order Acknowledgement within 30 days from the receipt of the Purchase Order

I) Delivery, Installation and Training:

1. The bidder shall provide the lead time to delivery, installation and made functional at IISc, Bangalore from the date of receipt of purchase order.
2. The supply of the items will be considered as effected only on satisfactory installation and inspection of the system and inspection of all the items and features/capabilities tested by the IISc, Bangalore.
3. After successful installation and inspection, the date of taking over of entire system by the IISc, Bangalore shall be taken as the start of the warranty period.
4. No partial shipment is allowed. The bidder should also arrange for technical training to the local facility technologists and users.
5. The bidder should provide onsite application training for the local facility technologists and users.
6. The bidder should also arrange technical training for the local facility technologists and user

J) Payment Terms:

The payment will be through a Letter of Credit and the milestone of the payment will be determined after mutual discussions with the successful bidder

K) Statutory Variation:

Any statutory increase in the taxes and duties subsequent to bidder's offer, if it takes place within the original contractual delivery date, will be borne by IISc, Bangalore subject to the claim being

supported by documentary evidence. However, if any decrease takes place the advantage will have to be passed on to IISc, Bangalore.

L) Dispute and Jurisdiction:

Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within the city of Bangalore, India.

M) General:

1. All amendments, time extension, clarifications etc., within the period of submission of the tender will be communicated electronically. No extension in the bid due date/time shall be considered on account of delay in receipt of any document(s) by mail.
2. The bidder may furnish any additional information, which is necessary to establish capabilities to successfully complete the envisaged work. It is however, advised not to furnish superfluous information.
3. The bidder may visit the installation site before submission of tender, with prior intimation.
4. Any information furnished by the bidder found to be incorrect, either immediately or at a later date, would render the bidder liable to be debarred from tendering/taking up of work in IISc, Bangalore.

Section 4 - Technical specifications

Technical specification for High Resolution Mass Spectrometer:

The specification of a mass spectrometer for the measurement of post-translational modification of proteins in the clinical samples. The system should be able to analyse both protein and proteolytic digests. The system should have Quadrupole and Time of flight (Q-Tof)/Quadrupole with Time-of-Flight Equivalent technology with UHPLC/UPLC system for qualitative and quantitative analysis.

State of the art mass spectrometry (MS) Facility with complete functional hardware's and software tools with subsequent updates ideally suited for both multifunctional qualitative (non-targeted) & quantitative (targeted) analyses of biomolecules and small molecules for proteomics, metabolomics studies. The Facility should be capable of de novo sequencing, identifying and analyzing proteins & peptide modifications & conjugations, metabolite etc. in addition to characterize, quantify biomarkers using label and label-free techniques and small molecules. To satisfy all the functional requirements, the facility should have the followings:

S. No.	Specification	Essential/ Desirable
1.	A complete setup of QTOF Mass Spectrometer and Ultra-high Performance Liquid Chromatography (QTOF-UHPLC) is required with highest quality performance in sensitivity, mass accuracy, resolution for comprehensive proteomics applications such as protein/peptide identification, PTMs identification and analysis, De novo sequencing, quantitative proteomics, top-down sequencing, label free quantitation, and metabolomic, lipidomic applications. All the hardware and software (with subsequent updates) required for all above applications should be included in the quote.	Essential
2.	<p>Specifications for ultra-high-performance liquid chromatography System (UHPLC) The system should have binary or quaternary gradient pump with inbuilt high efficiency degassing units, with facility for auto-sampler rinsing and improved gas flow stability.</p> <p>Specifications for ultra-high-performance liquid chromatography System (UHPLC) The system should have binary or quaternary gradient pump with inbuilt high efficiency degassing units, with facility for auto-sampler rinsing and improved gas flow stability. The LC pump should have following features:</p> <p>Pump: Binary gradient pump Flow rate: 0.01ml to 1 ml/min or better in 0.001 ml gradient with accuracy $\pm 1\%$ and precision 0.1% or better at 1 mL/min Pressure range: at least 15000 psi 1ml/ min or better should be offered System dwell volume: Should be less than 400μL for total system Purging: Purging of pumps automated as well as manually. Flow accuracy: $\pm 0.5\%$ Type of gradient: Linear and non-linear pH range: 2-12 pH Reservoir System: Mobile phase reservoir system to accommodate at least 2 or 4 bottles each of 1 L with cork and frit.</p>	Essential
3.	<p>Auto sampler (Automated operation controllable through MS/MS software) The auto-sampler should have capacity to hold microtiter plates or multiple sample vial racks</p> <ul style="list-style-type: none"> • Injection loop volume range - 0.1 to 50 μl • Capacity of sample tray - 96 vials (1.5 to 2 ml vial holder) or more • Temperature range - 5°C to 40°C • Sample carryover - <0.002% or better for caffeine or another suitable molecule 	Essential

4.	<p>Column oven: It must be Forced air circulation or peltier technology or any other suitable technology, with leak sensor. System should come with Six column exchange with guard/trap columns for all the applications. Column Tracking & Storage: Device should be provided</p> <p>Temperature range: The temperature control range should be 20°C to 90°C or better, settable in 0.1 °C increments.</p> <p>Temperature accuracy - ± 0.5°C</p> <p>Temperature stability - ± 0.3°C</p> <p>Column Oven Capacity - Six (or) more of ≥ 15 cm length.</p>	Essential
5.	<p>System Hardware Specifications- High-Resolution Mass Spectrometer high end floor standing model system comprising of a Quadrupole for isolation of various mass to charge ratios, Time of flight tube for obtaining accurate mass information up to 4 decimal places.</p>	Essential
6.	<p>MASS ANALYZER</p> <ul style="list-style-type: none"> • The HRMS instrument must be a high resolution QTOF system with 60,000 Resolution (or better) FWHM at m/z 1000 independent of MS & MS/MS scan speed, • The system should be capable of performing intact protein mass identification, peptide mass fingerprinting, and precursor ion selection followed by high energy fragmentation to generate high resolution MS/MS spectra. • High sensitivity (pmol to amol range) fragmentation at high sensibility and High energy (CID). • The mass analyzer should have a quadrupole followed by a Collision cell & a TOF tube consist of an orthogonal acceleration time of flight mass spectrometer for MS and MS/MS analysis. <p>The QTOF Mass Analyzer should have:</p> <ul style="list-style-type: none"> • Quadrupole Mass Range: 20 to 40,000 m/z or better resolving mode. • Quadrupole Mass Range for MS/MS Studies: 3000 m/z or better. • TOF Mass Range: The TOF mass range of the analyzer must be unlimited. • Acquisition Rate: 60 Spectra per second or better in MS & MS/MS mode • Resolution: The resolution of the instrument should be 60,000 (FWHM) or better at a scan speed of 60 spectra/sec in both MS and MS/MS Mode for a similar molecule at approximately 1000 m/z (Supporting documentary evidence need to be provided) • Mass Accuracy:1 ppm for both MS & MS/MS modes on 10 consecutive repeat measurements using suitable reference mass. • Sensitivity: The sensitivity of 1 pg reserpine should give S/N > 1000:1 in resolution mode and S/N > 1000:1 in sensitivity mode (Support document proof to be provided) • The analyser / detections system must have the capability of producing data with a dynamic range of up to 5 orders of magnitude. • The design of the instrument should be to maximize the intake of ions that are generated during to ionization stage into the mass analyser& following it up with a design to reject the excessive neutrals that are taken into the system along with the ions. • The system should include a Collision cell for Collision induced dissociation experiments with both low energy and high energy. • Vacuum System: Suitable Vacuum system to operate the instrument which must be an oil free vacuum backing pump. Vacuum read backs and system vent/pumps cycles should be digitally monitored to provide software control and ensure fail-safe operation in the event of power failure. 	Essential
7.	<p>Ionization Source</p> <ul style="list-style-type: none"> •The instrument must be equipped with a combined & dual ESI and APCI • Ionization sources and software switchable. • Flow rates from 1-1000 µL/min or better. • Auto-lock mass calibration should be available. • Positive and negative ionization capabilities must be included as standard on the instrument. 	Essential

8.	<p>Modes of operation: Following acquisition modes must be available</p> <ul style="list-style-type: none"> • MS Scanning • MS/MS product Ion Scanning • Simultaneous MS & MS/MS scanning. The software should be capable of data acquisitions whereby high and low collision energy data is acquired simultaneously to provide fragmentation data for all detectable molecular ions. • TOF- MRM/PRM mode for performing quantitation at sub ppb levels. • DDA/DIA scanning. The acquisition of data should also be possible by setting thresholds for ion intensity for both MS & MSMS and by switching between the two modes. • The acquisition software should allow for automated MS/MS, DDA/ DIA MS/MS and data directed acquisitions. • The operation should have internal mass correction technique for better mass accuracy. • The instrument should be capable of internal reference mass correction for MS and MS/MS operation without losing sensitivity. • Direct Infusion: Syringe pump or equivalent for direct infusion of samples. 	Essential
9.	<p>Data station with software</p> <p>The data system should be able to provide single platform of the software for controlling simultaneously LC-ESI QTOF/MS as well as vacuum pump, gases, all modes. The software should have controlled auto tune to enable quick start up for quantitative analysis.</p> <p>The system should have windows based, easy to use and versatile.</p> <p>Latest computer with suitable keyboard & Mouse with following configuration should be included.</p> <ul style="list-style-type: none"> • Processor: Intel® Xeon® Processor (4.0 GHz 4c) or better; • Operating system: Windows 10 or latest version, 64 bit or better • Motherboard: TPM Enabled or better • Hard Disk: 10TB or better • RAM: 64GB or better • 27-inch HD monitor display or better 	Essential
10.	<p>Operating Software</p> <p>The software should be user friendly & have capabilities to perform the following functions:</p> <ul style="list-style-type: none"> • Integrated sample or calibrant delivery system with divert valve, Automated mass calibration • Software tools for proteomics applications should be quoted. The software should also have capability for assigning structures by taking fragment ion spectra into account and automatically calculating fragments based on algorithms. • The software should be able to define adducts present in the sample for automatic compound ion deconvolution. • Should have approach to co-detection of ions for consistent peak picking across all runs • The system should perform data directed analysis (DDA); Data Independent Analysis (DIA), Multiple Reaction Monitoring (MRM)/ Parallel Reaction Monitoring (PRM) acquisitions. • The software should be capable of data independent acquisitions whereby high and low collision energy data is acquired simultaneously to provide fragmentation data for all detectable molecular ions. • The mass spectrometer must be capable of operating in both DIA mode in combination with a scanning quadrupole mass filter and ultra-fast detection system. • The system should provide quantitative MS/MS data at fast LC speeds from a data independent acquisition (DIA) method, even when compounds have perfect coelution and samples are complex to provide better depth of coverage in proteomics experiments for protein identifications. 	Essential

	<ul style="list-style-type: none"> • The software should be able to perform proteomics applications along with separate processing computer: • Protein and peptide identification & characterization. • The software must provide a customizable scoring system to quickly access the quality of automatic annotations generated by the software. This scoring must be visualized and allow to access the quality of annotations based on mass accuracy, isotopic pattern fidelity, retention time and MS/MS information. • Dedicated workstation should be provided for targeted and non-targeted Metabolomics workflows, and it should include database of compounds of plant, microbes, toxicant and pesticides for target screening studies. • Algorithms to perform relative quantitation of isotopically labelled samples. • Label-free methods, specifically returning more proteins hits. • The software should allow automatic interpretation of data by means of a hierarchical strategy incorporating any of the following routines: databank searching, and amino acid substitution, automated 'batch' de novo sequencing, sequence homology searching etc. • The software should incorporate a fully customizable report generation and printing capability. • Automated identification of post-translational modifications (over 150 biological modifications and substitutions) at one time using the fast, effective PTM discovery workflow. Software related to PTMs identification and characterization should be provided. • Proteomics and metabolomics integrated software to understand the biological context of identified proteins and metabolites including pathways. • Software updates or newer versions should be given up to warranty period. • 2 or more analyses licence/s (along with a suitable computer which can be locally provided) should be provided for data analysis software). <p>Workstation Software should perform system suitability test, system check, software function to automate the checking & recording of Instrument consumables life</p> <ul style="list-style-type: none"> • The system should work at power ratings of 220 Volts and 50 Hz frequency on single/ three phase/Indian power rating. 	
11.	<p>Essential Accessories The gas generator should be portable and highly durable, low noise, vibration free, drying system and auto drain valve with inbuilt compressor. It should be able to supply the gases (32 L/min) required for the LC-MS/MS instrument at required purity, pressure and flow rate.</p>	Essential
12.	<p>Nitrogen gas cylinder</p>	Essential
13.	<p>UPS for the system UPS support: A multinational brand 10 KVA online uninterrupted Power Supply Unit (UPS) with minimum 2 hours power backup and capable of meeting the power demand of the entire system including the main equipment, computers etc. should be supplied with three years warranty.</p>	Essential
14.	<p>Accessories: All the necessary accessories, spares and consumable kits/reagents, calibration kits at least two sets should be quoted. Analytical Columns: Two sets of analytical columns for both protein (C8) and peptide (C18) analysis should be included. Site preparation: The vendor shall assess the location where the instrument will be installed and prepare the site according to their requirements.</p>	Essential
15.	<p>Warranty and service support Two years on-site comprehensive warranty for all parts of the MS and accessories supplied. Free maintenance and service must be provided during warranty. Must include minimum 3 preventive maintenance visits per year. An additional one-year annual maintenance (AMC) support should be provided. In case of instrument</p>	Essential

	breakdown extending beyond 1 week, the warranty duration should be extended with same duration.	
16.	Vendor should provide onsite and offsite training at accredited laboratory as well as application support for all the applications such as quantitation, PTMs, label free quantitation, top-down sequencing, lipidomics and metabolomics for optimum use of equipment. Yearly Training program (2 in the first year) on usage of the machine (hardware and software) for at least minimum 3 years by the successful bidder at bidder's cost to the end users at IISc, Bangalore.	Essential
17.	Instruments must be attended within 48 hours in case of breakdown . Downtime of instruments should be less than 15 days. In the event of longer downtime, the vender shall increase the comprehensive maintenance period by five times of the downtime.	Essential
18.	Free of cost relocation and reinstallation at the IISc Medical School lab should be done by the vendor, in future.	Essential

Section 5 – Technical Bid

The technical bid should furnish all requirements of the tender along with all annexures in this section and submitted to

The Chairperson,
Attn: Prof. Navakanta Bhat
Centre for Nano Science and Engineering
Indian Institute of Science
Bangalore – 560012, India
Email: navakant@iisc.ac.in

Annexure-1:

Details of the Bidder

The bidder must provide the following mandatory information & attach supporting documents wherever mentioned:

Details of the Bidder

SI No.	Items	Details
1.	Name of the Bidder	
2.	Nature of Bidder (Attach attested copy of Certificate of Incorporation/ Partnership Deed)	
3.	Registration No/ Trade License, (attach attested copy)	
4.	Registered Office Address	
5.	Address for communication	
6.	Contact person- Name and Designation	
7.	Telephone No	
8.	Email ID	
9.	Website	
10.	PAN No. (attach copy)	
11.	GST No. (attach copy)	

Signature of the Bidder

Name
Designation, Seal

Date:

Annexure-2:

Declaration regarding experience

To,
The Chairperson,
Centre for Nanoscience and Engineering,
Indian Institute of Science,
Bangalore – 560012, India

Ref: Tender No:

Dated:

Supply of a QTOF Mass Spectrometer and Ultra-high Performance Liquid Chromatography (QTOF-UHPLC) at CeNSE, IISc Bangalore.

Sir/Madam,

I've carefully gone through the Terms & Conditions contained in the above referred tender. I hereby declare that my company / firm has ----- years of experience in supplying and installing -----

(Signature of the Bidder)

Printed Name

Designation, Seal

Date:

Annexure-3:

Declaration regarding track record

To,
The Chairperson,
Centre for Nano Science and Engineering
Indian Institute of Science,
Bangalore – 560012, India

Ref: Tender No: XXXXXXXX
Dated: XXXXX

Supply of a QTOF Mass Spectrometer and Ultra-high Performance Liquid Chromatography (QTOF-UHPLC) at CeNSE, IISc Bangalore

Sir/Madam,
I've carefully gone through the Terms & Conditions contained in the above referred tender. I hereby declare that my company/ firm is not currently debarred / blacklisted by any Government / Semi Government organizations / institutions in India or abroad. I further certify that I'm competent officer in my company / firm to make this declaration.

Or

I declare the following

Sl.No	Country in which the company is Debarred /blacklisted / case is Pending	Blacklisted / debarred by Government / Semi Government/Organizations /Institutions	Reason	Since when and for how long

(NOTE: In case the company / firm was blacklisted previously, please provide the details regarding period for which the company / firm was blacklisted and the reason/s for the same).

Yours faithfully
(Signature of the Bidder)
Name
Designation, Seal

Date:

Annexure – 4:

Declaration for acceptance of terms and conditions

To,
The Chairperson,
Centre for Nano Science and Engineering
Indian Institute of Science,
Bangalore – 560012, India

Ref: Tender No: XXXXXX
Dated: XXXX

Supply of a QTOF Mass Spectrometer and Ultra-high Performance Liquid Chromatography (QTOF-UHPLC) at CeNSE, IISc Bangalore.

Sir/Madam,
I've carefully gone through the Terms & Conditions as mentioned in the above referred tender document. I declare that all the provisions of this tender document are acceptable to my company. I further certify that I'm an authorized signatory of my company and am, therefore, competent to make this declaration.

Yours faithfully,

(Signature of the Bidder)

Name
Designation, Seal

Date:

Annexure – 5:
Details of items quoted:

- a. Company Name
- b. Product Name
- c. Part / Catalogue number
- d. Product description / main features
- e. Detailed technical specifications
- f. Remarks

Instructions to bidders:

- 1. Bidder should provide technical specifications of the quoted product/s in detail.
- 2. Bidder should attach product brochures along with technical bid.
- 3. Bidders should clearly indicate compliance or non-compliance of the technical specifications provided in the tender document.

Section 6 – Commercial Bid

The commercial bid should be furnished with all requirements of the tender with supporting documents as mentioned under:

S.No	Description	Cat. Number	Quantity	Unit Price	Sub total
1	QTOF Mass Spectrometer and Ultra-high Performance Liquid Chromatography (QTOF-UHPLC)				
2	Warranty (2 years)				
3	AMC 1 years beyond warranty				
4	Cost of Insurance and Airfreight				
5	CIP/CIF IISc, Bengaluru				

Addressed to
The Chairperson,
Attn: Prof. Navakanta Bhat
Centre for Nano Science and Engineering
Indian Institute of Science
Bangalore – 560012, India
Email: navakant@iisc.ac.in

Section 7 – Checklist

(This should be enclosed with technical bid- Part A)

The following items must be checked before the Bid is submitted:

A. Sealed Envelope “A”: Technical Bid

1. Section 5- Technical Bid (each page signed by the authorized signatory and sealed) with the below annexures:
 - a. **Annexure 1: Bidders details**
 - b. **Annexure 2: Declaration regarding experience**
 - c. **Annexure 3: Declaration regarding clean track record**
 - d. **Annexure 4: Declaration for acceptance of terms and conditions**
 - e. **Annexure 5: Details of items quoted**

2. **Copy of this tender document duly signed by the authorized signatory on every page and sealed.**

B. Sealed Envelop “B”: Commercial Bid

Section 6: **Commercial Bid**

Your quotation must be submitted in two envelopes: **Technical Bid (Envelope A) and Commercial Bid (Envelope B)** super scribing on both the envelopes with Tender No. and due date and both of these in sealed covers and put in a bigger cover which should also be sealed and duly super scribed with Tender No., Tender description & Due Date.

Thanking you,
Prof. Navakanta Bhat
Centre for Nano Science and Engineering
Indian Institute of Science
Bangalore – 560012, India
Email: navakant@iisc.ac.in