

Purchase Cell, O/o Comptroller
GURU ANGAD DEV VETERINARY AND ANIMAL SCIENCES UNIVERSITY
Ferozepur Road, Ludhiana- 141004 – Punjab (India)

e-Tender Notice

DETAILED NOTICE INVITING e-TENDER (DNIT)

Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana invites e-tenders through the website <https://eproc.punjab.gov.in> under two bid systems from eligible and qualified bidders for the supply of the following items, as per the required specification with full terms & conditions.

Details of required item(s):-

Sr No	Name of required item(s)	<u>Quantity</u>	Name of indenting department/ place of delivery /installation of item(s)
1.	Purchase of Liquid Chromatography – Inductively coupled plasma mass spectrometry (LC-ICP-MS) accessories Complete as per required specifications with accessories (If any)	One No.	Director, Centre for One Health, Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana - 141004 (Punjab)
Contact person for required item(s) related any enquiry		Dr. Jasbir Singh Bedi, M- 98554-25578, Email:- bedijasbir78@gmail.com, officecoh@gadvasu.in	

Important Note:-

1. The e-Tender of Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana appeared/listed on website <https://eproc.punjab.gov.in> under Organisation "Department of Animal Husbandry" and Division "Purchase Cell". For details logon to www.eproc.punjab.gov.in and https://gadvasu.in/tender_notice. Any corrigendum(s) will be published on above websites only.

2. The interested bidders are advised to submit/upload their bids/documents well in advance before closing date/time to avoid any problem at the later stage.

3. The bidders using Net Banking Service of banks other than SBI are advised to submit their EMD and other fees (if any) in advance at least (3) three working days prior to the last date of submission of the Bid.

4. If sufficient bids are not received within stipulated time, tender may be extended/ re-tendered as per the Punjab Transparency in Public Procurement Rules, 2022 and as per amendment Rules, 2024.

5. The rates should be quoted as per the BOQ uploaded on the SPP Portal. Basic Price and Taxes (GST etc.), if any, should be indicated separately.

6. At the time of Technical Evaluation of Technical Bids, the sub purchase committee may ask all/any bidder(s) to submit the hard copy of any document or any additional documents or show presentation/demo of product or any query (If required) for verification/approval of Technical bids, as per Sr.no.6 of Appendix-4 of The Punjab Transparency in Public Procurement Rules, 2022.

7. Financial Bids will be opened only of those tenderers, who qualify and are found suitable during the processing of Evaluation of Technical Bids. Financial Bids will be opened after receiving Technical Evaluation report from the concerned sub purchase committee.

CRITICAL DATE SHEET	
e-Tender Reference No.	PC/2025-26/1061 dated 23/10/2025
e-Tender ID No.	2025_DAH_152469_1
Last Date & time for submission of online Bid NOTE:	14-11-2025 upto 11.00 am
Date & time for opening of technical Bid NOTE:	14-11-2025 at 02.30 Pm

DETAILS OF FEES		
NOTE: Bidders are advised to complete the online payment for Tender Fee, EMD and other fees well in advance at least one day in advance prior to the bid submission due date/time at http://eproc.punjab.gov.in .		
Sr No.	Details	Amount (Rs)
1	Tender Fees including GST @ 18% (in INR) (Non-refundable)	7,670/- (6,500+1170)
2	Earnest Money Deposit (EMD) (Refundable) The EMD will be returned to the unsuccessful bidders automatically by the State Public Portal i.e. http://eproc.punjab.gov.in . Note: Earnest Money Deposit (EMD) of successful bidder will be adjusted in the Performance Security.	2,60,000/-
3	Performance Security Amount (as per sub-rule 10 of appendix 4 under Rule 16 of Punjab Transparency in Public Procurement Rules-2022) Note: 1) The Performance Security amount shall be deposited by the successful bidder/firm before placing the purchase order to the university to ensure the performance of the equipment/instrument during the warranty period. 2) The Purchase Cell will write a letter to the successful bidder/firm to deposit the balance amount of Performance Security after adjusting the Earnest Money Deposited (EMD) by the firm. 3) The Performance Security amount will be returned to the firm after the warranty/guarantee period of the equipment/instrument.	5%

Exempted from the payment of Bid Security (Earnest Money Deposit) for Manufacturers of tendered items only:

- i) As per Rule 170 of General Financial Rules (GFRs) 2017, the units registered with Micro and Small Enterprises (MSEs) or are registered with Central Purchase Organisation or the concerned Ministry or Department as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) (as per **Sr. No. (ii) and (xi) of Rule 1.10.4 of Manual for Procurement of Goods 2017**) shall be exempted from the payment of Bid Security (Earnest Money Deposit).
- ii) The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category with the bid. Under MSE category only manufacturers for goods and service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this policy.
- iii) In such case, copy of the certificate showing registration with the above mentioned institutions (indicating the terminal validity date of their registration) for the item tendered (as manufacture of the bidding item(s)) to be uploaded in Cover-I (Technical Bid) of the e-tender in PDF format.
- iv) If firm gets exemption for depositing Bid Security (Earnest Money Deposit) by providing wrong certificate OR certificate without terminal validity date of their registration OR not being a manufacture of tendered items, the bid shall not be accepted and also bid of the firm shall be cancelled at any stage of tender, if found wrong submission of certificate.

Detailed specifications of the required item(s):-

CENTRE FOR ONE HEALTH
GURU ANGAD DEV VETERINARY AND ANIMAL SCIENCES UNIVERSITY, LUDHIANA

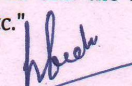
ANNEXURE 'A'

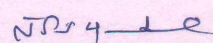
Technical Specifications - LC-ICP-MS

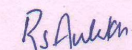
System Requirements

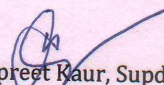
- **LC-ICP-MS system** - A compact, benchtop, high-sensitivity LC-ICP-MS system designed for the analysis of water, food and environmental contaminants, including speciation studies, equipped with user-friendly software compliant with international and national food and water safety regulations. The system should also be future-ready, with compatibility for coupling to GC and ion chromatography.
- **Sample introduction system for routine sample analysis:** Liquid sample introduction system with 0.25 mL/min uptake or better
 - **Spray chamber** - Peltier cooled high purity quartz/glass, PFA
 - **Peristaltic pump** - Low-pulsation, high-precision, Computer controlled minimum 10 roller, three channels or better for precise delivery of sample and internal standard (ISTD), plus spray chamber drain.
 - **Peltier Cooler** - Software control in range -5 °C to +20 °C or suitable range to comply all regulatory requirements
 - **Nebulizer** - Concentric borosilicate glass with low sample flow and shall be with MFC or software controller
 - **Injectors** - Quartz injectors of suitable size for various sample environments with provision for easy switching between routine aqueous solution analysis and speciation studies using HPLC or GC or IC interfaces.
- **Sample introduction system for Silicon or Silica Analysis** - HF Applications - The instrument must be supplied with a PFA inert sample introduction kit specifically designed for hydrofluoric acid (HF) applications, commonly used in silica analysis. The kit should include an inert torch, a sapphire injector, an inert spray chamber, PFA nebulizer, One Set of Pt Cones, Sample tubing (pk/12) and Drain tubing (pk/12)

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Centre for One Health
Indentor

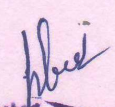

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Principal Scientist cum Head
Department of Animal Nutrition
Technical Expert/Member

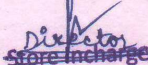

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DEE, Nominee of Comptroller


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Assistant Professor
Centre for One Health
Controlling Officer


6. Mr. Iakhwinder Singh
Sr. Asstt., Centre for One Health


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Director
in Charge
Centre for One Health
Guru Angad Dev Veterinary & Animal
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Autosampler

- Capacity 200 positions or better for 10-15 mL tubes/vials, 50 mL and 15 mL capacity.

Plasma Ion Source

- **Torch** – Single piece quartz torch. Fully computer-controlled, auto-tunable torch positioning system with independent movement in X, Y, and Z directions. Reproducibility better or equal to 0.5 mm in all three axes (X, Y, Z).
- **RF Generator** – Digital, solid state RF generator, ~27/34/40 MHz, with power range: 500 W to 1600 W or wider in all modes
- **Ion optics** – Extraction lens or equivalent mechanism with effective interference removal system with He
- **High Matrix Tolerance** – Included option for routine measurements of samples containing as per regulatory requirement. Provide an aerosol-dilution / high-matrix introduction option enabling routine analysis of digests up to ~3% TDS without off-line dilution
- **Hg memory control:** Use **gold stabilization** ($\geq 100 \mu\text{g/L Au}$ in standards/samples where applicable) and a **strong rinse protocol** (acid + complexing rinse) to minimize carryover.

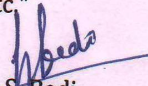
Ion Extraction & Cell Technology

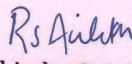
- **Sample Cone** – Ni, Pt 1.0- 1.1 mm or better diameter orifice
- **Skimmer Cone** – Ni, Pt > 0.5 mm or better diameter orifice
- **Supply two complete cone sets (sampler + skimmer): 1× Pt (HF service) and 1× Ni (non-HF).**

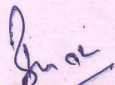
Cell Technology & Mode

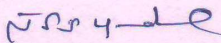
System should be capable of working in all 3 modes i.e. Standard, Collision/KED and Reaction Cell. System shall operate in Standard (no gas), He Collision/KED, and O₂ Reaction modes (selectable per method/time segment) to remove all type of polyatomic and isobaric interferences. –The system must have dedicated gas lines for He (collision) and O₂ (reaction), $\geq 99.999\%$ purity and H₂ and methane in purest form. Fast, automated switching between He Collision and O₂ Reaction is required.


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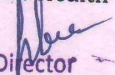

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Analyzer & Performance

- **Quadrupole mass analyzer** - 1amu or suitable to analyse all elements
- **Mass range** --2-260 amu (minimum) or better. The system/methods shall support and document the following product-ion channels: AsO^+ (m/z 91), CrO^+ (m/z 68), SeO^+ (m/z 94-96).
- **Scan Speed** - 3700 amu/s or better
- **Quad Frequency** - 2.5 MHz or better
- **Dwell Time** - Minimum 0.1ms in both pulse and analogue mode
- **Abundance sensitivity** (measured at Cs m/z 133 or U m/z 238) - Low mass & high mass side: 10^{-6} or 0.005ppm
- **Performance** - Sensitivity (standard mode) @ 2.5% oxide ratio - Be/Li \geq 45 kcps/ppb, Y/In \geq 155 kcps/ppb, Tl/U/Bi \geq 80 kcps/ppb, Co/Ni/Ce \geq 600-800 kcps/ppb in He mode
- **Oxide formation** CeO/Ce - 1.5% or better
- **Doubly-charged ratio:** $Ba^{2+}/Ba^+ \leq 2\%$ (measured at m/z 69/138) under routine analysis conditions
- **Background** - <1 cps at m/z 9
- **Detection Limit (ppt)** - Be/Li: ≤ 0.9 ppt, Y/In: ≤ 0.5 ppt, Tl/Bi/U: ≤ 0.5 ppt
- **Long - Term Stability:** $< 4\%$ RSD for $> 2-3$ hours in He KED with internal-standard correction
- **Short - Term Stability:** $< 3-4\%$ RSD for 10-20 min in He KED with internal-standard correction
- **Isotopic Ratio Precision:** $\leq 0.1\%$ RSD for 10 replicates (high precision in isotope ratio analysis)

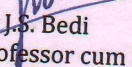
Detector: Dual mode discrete dynode electron multiplier operating in analog and digital with dynamic range - > 10 orders of magnitude

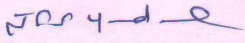
Vacuum system: An appropriately sized rotary / turbomolecular pumping system shall be supplied, capable of reaching $\leq 1 \times 10^{-5}$ Tor or suitable torr in shortest time as per system requirement.


Speciation Studies

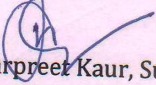
The ICP-MS must support fully automated LC-ICP-MS runs, with the ability to initiate acquisition via an LC start signal. Software should enable real-time display and comparison of LC-ICP-MS spectra. Real-time data processing must be supported, including retention time recalibration during the run. Optional interfaces must be available in future for: GC-ICP-MS: to measure volatile organometallic compounds; IC-ICP-MS: for ion chromatography coupling

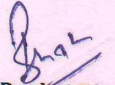
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

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HPLC System for Speciation Studies

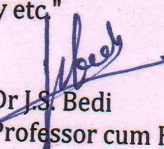
HPLC system with autosampler which is LC based with speciation arrangement for Arsenic, Chromium, Mercury And Selenium.

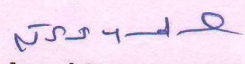
Columns, Standards etc - Must quote separate columns for As, Hg, Cr and Se column (02 each), Standards to be quoted (100ml or suitable volume) to cover during warranty period. Basic chemical /solvents for performing speciation during installation

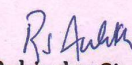
Software - Single Software capable of controlling all the components of HPLC system and ICPMS system. Possibility for user to create methods, sample analysis and data processing, export to MS Excel. The software shall provide built-in batch sequences to schedule and evaluate CCV, CCB, matrix spikes (MS/MS-D), and duplicates, with automatic calculation of recovery (REC) and RPD, and auto-flagging against user-set criteria aligned with EPA 200.8 / 6020 and ISO 17294 (default criteria: CCV $\pm 10\%$, CCB < MDL, MS/MS-D 70-130% REC, duplicates RPD $\leq 20\%$). Reports shall include pass/fail flags and raw calculations.

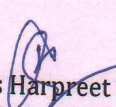
Synchronization - The ICP-MS must be capable of functioning as a standalone system for routine analyses. Provide a **6-port switching valve** (or equivalent) to select **Direct ICP-MS vs LC-ICP-MS** without re-plumbing. For integrated LC-ICP-MS operation, the system must ensure seamless synchronization between the ICP-MS and LC modules for reliable and efficient performance.


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

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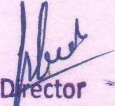

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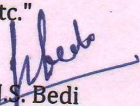

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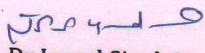

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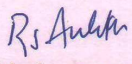
Consumables and Spares for smooth operation of instrument-The quote must include consumables with OEM Part numbers:


- Ni sampler, skimmer, and hyper skimmers cone: Minimum of 03 sets
- Pt sampler, skimmer, and hyper skimmers cone: 1 set
- Standard nebulizer: Minimum of 02 Set
- Standard Spray chamber - Minimum of 01 Set
- Standard injector & torch - Atleast 02 Sets
- Standard peristaltic pump tubing for drain (pk/12) - Minimum of 4 Nos.
- Standard Peristaltic pump tubing for samples (pk/12) - Minimum of 4 Nos.
- Peristaltic pump tubing for ISTD (pk/12) - 2 Nos
- Tubing autosampler (pk/12) - 4 Nos
- PVC waste tubing for Autosample: 2 meter
- PFA/Inert sample and rinse tubing (pk/12) - 4 sets
- Oil Element -02 set
- Graphite gasket for Sampling cone- 1 Nos.
- Tubing for spray chamber drain (3 Mtr)
- Pump oil (1L) - 05 sets
- Skimmer base for Pt cones- 01 Set
- RF coil - 01 sets
- Fluid for chiller - 7 L
- Cone cleaning solvent/suprapure chemical - 3 L
- Swab (cotton-tipped both ends) - 200 Nos.
- Autosampler vials 50 & 17 ml - 1000 Nos each
- 'O' rings/Gasket for Ni sampler / Pt sampler cones: 6 Nos. each.
- 'O' rings/Gasket for Ni & Pt skimmer cones: 3 Nos. each.
- Complete tool kit with all standard tools: 1 No.
- OEM Gas clean filter for carrier gas (01 Nos)
- Sample trays: 3 Nos.
- Alumina powder: 1 Pack.
- Polishing paper kit: 1 Pack
- Dynode electron multiplier (or equivalent detector): 1 No or to be covered in warranty period.

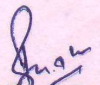
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

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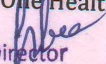

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The quote also include the following:

1. Essential Chemicals, Calibration Standards and tuning Solutions for HPLC and ICP-MS System:

Multi or single element combination calibration standards (250 mL & 1000/100/10ppm): (One additional set on request anytime during the warranty period).

Li, Be, B, Na, Mg, Al, Si, P, S, K, Ca, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Se, Sr, Zr, Mo, Pd, Ag, Cd, Sn, Sb, I, Ba, Hf, Hg, Pb, Bi, Ce, U

All standards must be delivered with a minimum shelf-life/coverage of two years

Internal standard solution (500 mL): (One set request anytime during the warranty period).

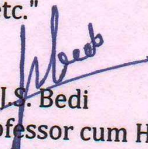
- **Gold stabilizer for Hg:** 1 × 1000 mg/L Au single-element stock (or approved equivalent) for preparing ≥100 µg/L Au in calibrants, QCs, and Hg-bearing samples.
- **HPLC Consumables** - HPLC vials with caps: 500, Frits/Prefilters: 15, PEEK ferrules: 10, PEEK tubing: 5 m. PM kit with calibration standards for HPLC and MS sufficient for trouble free operation during warranty period.

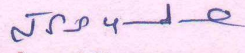
Quality control (QC) standard /tuning solution (1000 mL): (One set request anytime during the warranty period).


Suprapure Acids: HNO₃ (2.5 L), HCl (2.5 L), 1L HF, 1L H₂O₂

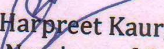
All additional chemicals to be quoted for demonstration and sample analysis during installation

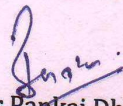
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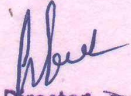

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2. Additional Accessories

Reputed branded acid dispenser, 5-50 mL capacity or better: 3 Nos.
Reputed branded solvent dispenser, 5-50 mL capacity or better: 3 Nos.
Branded single-channel electronic micropipettes (with two decimal accuracy): Capacity 100-1000 µL: 2 Nos. with 1000 tips each

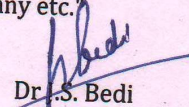
Branded single-channel electronic micropipettes (with two decimal accuracy): Capacity 10-100 µL: 2 Nos with 1000 tips each

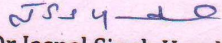
- **IR Based Portable, benchtop, heavy-duty vortex mixer with digital display** (hands-free mixing capability for tubes, vials, and flasks); Speed range: 500-2500 rpm or better., Quantity: 1 No.


3. External Devices


- **Chiller** - Suitable refrigerated recirculating water-chiller as per manufacturer recommendations
- **Computer Platform** - Factory supplied PC or Branded computer with an advanced with below features: Intel Core i9 (12th gen or higher) / AMD Ryzen 9 / Xeon processor 32 GB DDR4/DDR5 RAM (expandable to 64 GB) 1 TB NVMe SSD + 2 TB HDD for data storage Windows 11 Pro (64-bit) ≥6 USB 3.0/3.1 ports, including USB-C 27" UHD/4K/TFT monitor
An additional high-performance factory recommended configuration PC must be provided for offline analysis
- **UPS** - A reputed, true online, high-quality branded UPS with a minimum capacity of 20 KVA (or higher) along with MCB and 40 meter cable equipped with power factor correction and harmonic filtering. The system should operate on three-phase 240 V supply and provide a minimum of 1-hour battery backup for uninterrupted operation of the LC-ICP-MS.
- **Printer**: - Reputed branded color laser printer with scanner, Automatic duplex (back-to-back) printing, Compatible with multiple paper sizes (A3 to A6, Legal)
- **Air Conditioning** - 1.5 -Ton Air Conditioner to handle instrument heat load - Qty 2

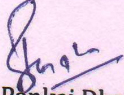
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

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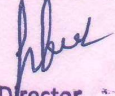

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4. Installation & Accessories; Essential accessories for Installation

Gas Cylinders, Regulators, Tubing etc

- Argon gas: 8 Ar UHP (99.999%) cylinders, with stainless steel (SS) regulators
- Helium/ Hydrogen/ Methane/ Oxygen: UHP (99.999%) cylinders, one (2) of each, with high-standard control accessories suitable for gas-phase reactions in ICP-MS to remove polyatomic interferences as per system requirement
- Gas regulators: One (1) each for He, Ar, or suitable gases to comply regulatory guidelines.
- Gas purification panels: For all gases connected to the instrument, supplied with appropriate tubing, fully installed and commissioned by the supplier in the laboratory.
- 4 Stage Gas manifold: For changeover of Argon Cylinders supplied and commissioned by the supplier at the laboratory.
- Fume hood: Suitable fume hood as per system requirement. All civil work required to install fume hood shall be in vendor's scope.
- Tubing & casing: Instrument to be installed in 2nd floor. Kindly quote tubing accordingly. Vendor can visit installation site to estimate the tubing requirement.
- Safety Scaffolding will be provided by vendor.

Cylinder Cage - Heavy Iron Cage with proper brackets to keep at least 12 Cylinders with door and lock facility. Equipment installation will be in 2nd floor and vendor has to offer tubing from ground to 2nd Floor

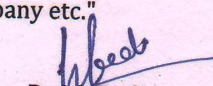
Room Partitioning - 20 x 15 Feet Room Partitioning with provision of door or Vendor can visit the installation site before quoting the tender.

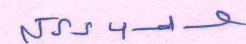
Arrangement for Instrument lifting - Installation will take place on the second floor. The vendor is responsible for delivering the consignment directly to the installation room. All necessary arrangements for lifting the instrument such as labour or crane services—must be provided by the vendor.

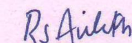
Earthing of instrument - Vendor is responsible for desired earthing required to install the system.


Table for Instrument - Suitable table with granite top

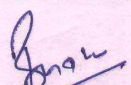
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

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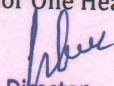

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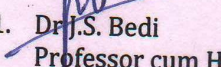
5. **Instrument Performance Verification/IPV (IQ, OQ, PQ)** - Performance validation (equipment operation qualification/OQ) shall be carried out free of cost using certified traceable standards during warranty years (at installation and during every scheduled maintenance visit).

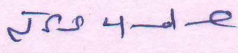
All required documents, kits, consumables, and standards must be supplied along with the instrument.

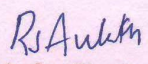
QC: CCV $\pm 10\%$, CCB < MDL, spikes 70-130% REC, duplicates RPD $\leq 20\%$

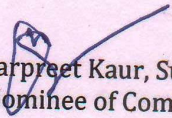
Operational Qualification (OQ) / Installation Performance Verification (IPV) must be provided free of cost during the warranty period, including necessary performance kits and standard solutions.

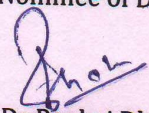
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

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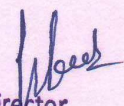

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6. **NABL Audit & Documentation**

Support for NABL Audit preparation

- Training & Documentation
- Training on awareness program on Good Laboratory Practices
- Support and guidance for making all documents for ISO 17025-2017
- Prepare Quality Manual, System Manual, WI
Preparation of Forms and Formats, STP/SOP

Method and matrix (Water and Animal Feed)

- Training on method validation to personnel
- Training on internal Auto-pipette calibration/verification
- Training on critical consumables and intermediate checks

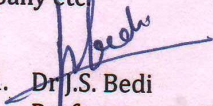
PT/ILC/IQC

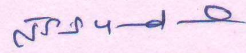
- Support in documenting internal quality control measures
- Support in ILC plan and execution
- Support in PT participation and evaluation of data before NABL application
- Do internal audit
- Support in closer of NCs

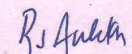
NABL application

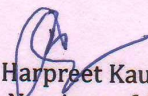
- Support in application
- Adequacy repost NC closer
- Pre-assessment NC closer
- Support during External Audit
- Final Assessment NC closer

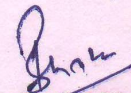
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

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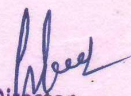

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7. Service & Training

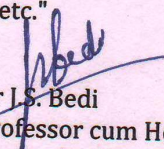
- **After-Sales Service** – The supplier must ensure strong after-sales service and technical support, with the capability to reach the installation site at short notice. Service/application support engineers should provide regular visits and unlimited breakdown support calls as required, ensuring minimum downtime.
-
- **Training of Personnel** – The supplier shall provide basic training for a minimum of 5 days after installation and commissioning of the equipment for designated technical staff. Additional training for method development shall be provided free of cost whenever required. Troubleshooting training shall be offered on demand, free of cost.

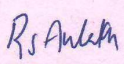
A demonstration and preliminary training session on operation and routine maintenance of the equipment shall be conducted at the installation site, free of cost.

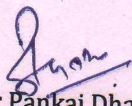
8. Warranty

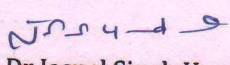
The system shall be supplied with a minimum one year plus 3-year extra comprehensive warranty, starting from the date of successful completion of IQ, OQ, and PQ – The warranty must cover all hardware, software, connected spares, and accessories of the LC-ICP-MS. The supplier shall provide prompt service response (within 24 hours of call), along with training and application support throughout the warranty period. Comprehensive PM services with comprehensive PM kit must be provided each year after 1st year during warranty period

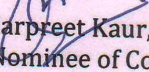
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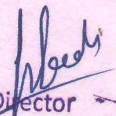

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9. Experience, Delivery & Mode of Payment

Experience - The supplier must have at least five prior installations of LC-ICP-MS systems in India in of quoted model in reputed government institute and demonstrate proven operational experience.

Delivery - The instrument should be supplied to the site of address provided below:
Centre for One Health

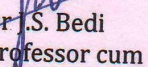
Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana-141004
If any permit such as road permit/way bill, customs/excise duty, octroi etc. if any all should be borne by the supplier. If any documents required for the above purpose, the office may consider to provide on request prior intimation.

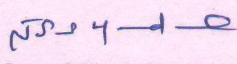
Mode of Payment - The mode of payment should be in INR (Rupees___only).

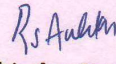
Important Note -


- The bidder must carefully review the specifications table and, while submitting the quotation, provide an additional column clearly indicating compliance or non-compliance for each requirement, along with details of any additional features and corresponding part numbers.
- A single point of contact should be designated for all matters related to AMC/CMC or other service requirements.
- Any extended AMC/CMC price quoted will be treated as an independent figure and will not be considered for determining the L1 bidder.
- All responsibilities for earthing, electrical work, partitioning, and civil work necessary for system installation shall rest with the vendor, with safety scaffolding also to be provided by them. The vendor may visit the installation site (Monday to Friday) prior to quoting, or alternatively, shall undertake all such works free of cost at the time of installation as per site requirements.

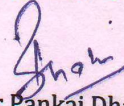
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

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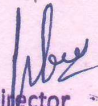

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Guidelines for submission of TECHNICAL BID:

The Technical Bids should contain detail information on the following: -

1) Full Name of the Bidder Firm along with complete address. 2) Bankers Name & Address. 3) GST No. 4) PAN/TAN No. 5) Experience in line. 6) Validity of Offer. 7) Lead time/Delivery Period. 8) Payment condition. 9) Write-ups, Guaranty/Warranty, AMC details etc. 10) Quality Assurance/Monitoring system followed- Certificates where needed should be attached.

The firms are also required to upload copies of the following documents in a single file of .pdf format with Technical Bid:-

- a) Scanned copy of dully filled Check List.
- b) Scanned copy of Full details of Item(s), sub systems and additional items/accessories to be quoted (i.e. Full name, Model number, Name of Accessories, Manufacture Details, Literatures/brochures/write-ups, Guaranty/Warranty, AMC details etc.) as mentioned in the technical bid.
- c) Scanned copies of Brochure/leaflets/catalogues for equipments should be submitted in the technical bid.
- d) Scanned Copies of the Purchase Orders/Completion work Reports/work done in Govt/Semi Govt/Universities /Boards/Corporations/Autonomous bodies etc. to confirm Experience in line.
- e) Scanned copy of all document(s) mentioned in the above detailed specification of the required items (if any).
- f) Scanned copy of the Authorization dealer/distributor/stockist certificate issued by Manufacturer for supply of equipments/Instruments.
- g) In case of imported equipment, scanned copy of Manufacturers Authorization Certificate issued by Principal Manufacturer duly verified by the Indian Agent.
- h) Scanned copy of Tender Acceptance letter, Undertaking & non-blacklisting certificate (Annexure-I).
- i) Scanned copy of firm's Registration, PAN Card, GSTIN.
- j) Scanned copy of Latest Income Tax Statements.

Guidelines for submission of FINANCIAL BID:

- (a) The rates should be quoted as per the BOQ uploaded on the SPP Portal. Taxes, if any, should be indicated separately. The bidders are advised to download this BOQ.xls as it is and quote their offer/rates in the permitted column and upload the same in the Financial Bid. The Bidder shall not tamper/modify downloaded price bid template in any manner. In case if the same is found to be tampered/ modified in any manner, tender will be rejected and EMD would be forfeited and tenderer is liable to be banned from doing business with GADVASU.
- (b) The bidders are advised to quote price in INR.
- (c) The payment will be made after deducting TDS (Taxes) as per Income Tax/GST/Govt. Rules.
- (d) Supplies are to be made on bill basis as the University usually makes payment within 30 days from the receipt of the material/Installation of Equipment in good condition.
- (e) GADVASU is registered with DSIR and is exempted from Custom Duty. Hence, CDEC/DSIR will be provided to the firm, if demanded. Rates should be quoted accordingly.

Guidelines for bidders for Registration and Submission of bids:-

1. For participating in the above e-tender, the contractors shall have to get themselves registered with <http://eproc.punjab.gov.in>, and get user ID & password. Bidders who have not registered with e procurement portal need to get registered by paying the requisite registration fee for e-tender participation and obtain Class 3 Digital Signature Certificate (DSC) which are mandatory to participate in the e-tendering process.
2. Bidders should enroll/register in the e-procurement module of State Public Procurement Portal (SPP Portal) through the website: [URL:http://eproc.punjab.gov.in](http://eproc.punjab.gov.in) for participating in the bidding process. Useful information for Registration of first time bidder and instructions for submitting the online bids on the SPP Portal is available at [URL:http://www.eproc.punjab.gov.in](http://www.eproc.punjab.gov.in) through its link "Bidder Manual Kit" (<https://eproc.punjab.gov.in/nicgep/app?page=BiddersManualKit&service=page>).
3. Tender Documents can be downloaded from the State Public Procurement Portal [URL:http://eproc.punjab.gov.in](http://eproc.punjab.gov.in).
4. Any change/corrigendum/extension of opening date in respect of this tender shall be issued through websites www.gadvasu.in and www.eproc.punjab.gov.in only and no press notification will be issued in this regard. Bidders are

therefore requested to regularly visit these websites for updates. Bidder should also take into account all corrigendum(s) published before submitting the bids online.

5. The bidders are required to submit their bids online on the SPP Portal, using valid Digital Signature Certificates. Bids received only on SPP Portal will be considered, however bids sent through sealed cover/email/post/fax, etc. will be rejected.
6. The BOQ template must not be modified/ replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for that tender.
7. The date and time fixed for closing of bids will remain unchanged, even if it is declared as a holiday by the Government. GADVASU will not be responsible for any delay in enrolment/registration as bidder or submitting /uploading the offer on e-tender portal. Hence, bidders are advised to register in e-tendering website [URL:http://eproc.punjab.gov.in](http://eproc.punjab.gov.in) and obtain their Digital Signature Certificate and upload their bids/documents well in advance.
8. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority or the relevant contact person indicated in the tender.
9. For any clarification/difficulty regarding e-tendering Process, please contact on helpdesk (contact us) at e procurement portal of Punjab Government at <https://eproc.punjab.gov.in/nicgep/app>”.

10.Intimation Regarding Payment of Online Fees :

1. The bidders using Net Banking Service of banks other than SBI are advised to submit their EMD and other fees (if any) in advance at least (3) three working days prior to the last date of submission of the Bid.

2. The bidders are hereby informed not to close/suspend their Bank Accounts, from which the EMD/Tender Fee/Processing Fee is being paid for respective Tender. In case of any refund issue relating to the respective tender, the Department would not be liable or responsible in anyway.

11.Intimation Regarding Payment through NEFT / RTGS Mode The bidders are hereby informed that settlement of NEFT / RTGS transaction does not take place on Sundays, 2nd and 4th Saturdays of a Month, and Declared Bank Holidays.

General Terms & Conditions / Instructions for bidders:-

1. The interested, bona fide and reputed dealers/distributors/stockists/manufacturers/firms or Indian agents (on behalf of their foreign principals) may submit online bids for each of the required item(s) along with all requisite documents, Tender Fee, Processing Fee and EMD.
2. **Conflict of interest among bidders/Agents:** A bidder shall not have conflict of interest with other bidders. **The bidder found to have a conflict of interest shall be disqualified.** A bidder may be considered to have a conflict of interest with one or more parties in this bidding process if:
 - (a) They have controlling partners in common; or
 - (b) They receive or have received any direct or indirect subsidy/financial stake from any of them; or
 - (c) They have the same legal representative/agent for purposes of this bid; or
 - (d) They have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another bidder; or
 - (e) Bidder participants in more than one bid in this bidding process. Participates by a bidder in more than one bid will result in the disqualification of all bids in which the parties are involved.
3. **Exempted from the payment of Bid Security (Earnest Money Deposit) for manufactures only:** i) As per Rule 170 of General Financial Rules (GFRs) 2017, the units registered with Micro and Small Enterprises (MSEs) or are registered with Central Purchase Organisation or the concerned Ministry or Department as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) (as per Rule 1.10.4 of Manual for Procurement of Goods 2017) shall be exempted from the payment of Bid Security (Earnest Money Deposit).
 - ii) In such case, copy of the certificate showing registration with the above mentioned institutions (indicating the terminal validity date of their registration) for the item tendered (as manufacture of the bidding item(s)) to be uploaded in Cover-I of the e-tender in PDF format.
 - iii) If firm gets exemption for depositing Bid Security (Earnest Money Deposit) by providing wrong certificate OR certificate without terminal validity date of their registration OR not being a manufacture of tendered items, the bid shall not be accepted and also bid of the firm shall be cancelled at any stage of tender, if found wrong submission of certificate.
4. **EMD/Security Deposit will not carry any interest.** The EMD will be returned to the unsuccessful bidders automatically by the State Public Portal i.e. <http://eproc.punjab.gov.in>.
5. The EMD will be forfeited if the bidder fails to accept the order based on his/her offer/bid or fails to supply the items and the firm will be blacklisted to supply any items to GADVASU in future.
6. The supplier will have to complete the supply of materials within due time from receiving of purchase order. The liquidated charges @1% per week shall be imposed if supply is made after expiry of delivery period subject to maximum 10% of the total value of the order. After 10 weeks order shall stand cancelled. However competent

- authority of the University has reserves to right to accept the material even after stipulated period without any liquidated charges.
7. The quoted equipment shall be in compliance with the required specifications mentioned in tender and shall be of the latest technology, best quality and high standards. Any optional accessories/ tooling, besides the standard equipment recommended for the better performance of the equipment, if offered, be provided with their full technical details including their use and advantage in a separate sheet with the tender documents. No extra payment shall be paid on account of any discrepancy in nomenclature of items.
 8. If at any later stage any firm is found supplying material of inferior quality than that of their approved sample(s) or not as per specifications, their orders will be cancelled besides forfeiting their security Amount/EMD and the firm will be blacklisted to supply any items to GADVASU in future.
 9. The item should be delivered F.O.R. at GADVASU/Research Stations/KVKs/Colleges etc. as mentioned in Tender document and the supplier shall be responsible for any damage during the transit of goods. The FOR price should be inclusive of all incidental charges i.e. freight, forwarding, insurance, etc.
 10. The clearing charges from custom house will be borne by the Indian Agent of supplier.
 11. All miscellaneous charges on foreign transactions make Form 15A and its subsequent charges on verification by Chartered Accountant would be borne by the bidder.
 12. The documents will be provided to the Indian Agent on request by GADVASU.
 13. Tenderer shall take into account all costs including installation, commissioning, cartage, etc. for giving delivery of material at site before quoting the rates. In this regard no claim for any extra payment for any reason shall be entertained.
 14. The payment will be made after deducting TDS (taxes) as per Income Tax/GST/Govt. Rules as applicable.
 15. Supplies are to be made on bill basis as the University usually makes payment within 30 days from the receipt of the material/Installation of Equipment in good condition.
 16. Our Institute is registered with DSIR and is exempted from Custom Duty. Hence, CDEC/DSIR will be provided to the firm, if demanded. Rates should be quoted accordingly.
 17. The quantity can be increased/decreased as per the actual requirement.
 18. The supplier should give an undertaking that they will be responsible to carry out the preventive maintenance and to repair the equipment during guarantee and post guarantee period.
 19. Full details of after sale service offered during the post guarantee period should be furnished along with tender specified.
 20. Information of actual users of the equipment in India supported with evidences and performances should be furnished along with tender.
 21. If required the working of the equipment must be demonstrated in any place to be specified by the supplier.
 22. The supplier shall train to the satisfaction of the purchaser one or two technicians at site/factory for operating, servicing and undertaking minor repairs without extra cost.
 23. The bidder is required to furnish the **TENDER ACCEPTANCE LETTER, UNDERTAKING & NON-BLACKLISTING CERTIFICATE** as per **Annexure – I**.
 24. While submitting the tender, if any of the prescribed conditions are not fulfilled or are incomplete in any form, the tender is liable to be rejected. If any tender stipulate any condition of his own, such conditional tender is liable to be rejected.
 25. GADVASU reserves the right to accept/reject any or all the tenders in part/full without assigning any reason thereof.
 26. All disputes shall be subject to Ludhiana jurisdiction only.

Place: Ludhiana

Sd/-
Accounts officer
Purchase Cell

Checklist

Sr.No.	Details	
1.	Name and Complete Address of the Firm	
2.	Email Id and Contact number of the bidder	
3.	Permanent Account Number (PAN) No. and GST No. of the Firm	
4.	Bank details of the Firm: Bank Name, Branch Address, Account Number., Type of Account (Current/Savings), MICR Number , RTGS/NEFT Code etc.	
5.	Attached scanned Copies of the Purchase Orders/Completion work Reports/work done in Govt/Semi Govt/Universities /Boards/Corporations/Autonomous bodies etc to confirm Experience in line (Write YES OR NO)	
6.	Details of Quoted item(s) i.e. Name, Make, Model Number etc. Attached scanned copy of Literatures/Brochures/Write-ups, Guarantee /Warranty, AMC details etc.) as mentioned in the technical bid. (Write YES OR NO)	
7.	Attached scanned copy of the Authorization dealer/distributor/stockist certificate issued by manufacturer (Write YES OR NO)	
8.	In case of imported equipment, Attached scanned copy of Manufacturers Authorization certificate issued by Principal Manufacturer duly verified by the Indian Agent. (Write YES OR NO)	
9.	Attached scanned copies of all other document(s)/ certificate(s) mentioned/required in the DNIT. (Write YES OR NO)	
10.	Attached scanned copy of Tender Acceptance letter & Undertaking (Annexure-I). (Write YES OR NO)	
11.	Attached scanned of firm's Registration, PAN Card, GSTIN. (Write YES OR NO)	
12.	Attached scanned copy of Income Tax Statements for the last year. (Write YES OR NO)	
13.	Payment Terms: NOTE: Supplies are to be made on bill basis as the University usually makes payment within 30 days from the receipt of the material/Installation of Equipment in good condition.	

I/we certify that the items/products quoted by our firm comply all required Technical Specifications as mentioned in the DNIT (Detailed Notice Inviting Tender) under 'Detailed Specifications of the required items'.

Date:

Place:

**Signature of the Bidder
with Official Seal**

**TENDER ACCEPTANCE LETTER,
UNDERTAKING &NON-BLACKLISTING CERTIFICATE**

(To be given on firm letter head)

Date:

To,

Assistant Store Officer (Purchase),
Purchase Cell O/o Comptroller
Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana

Tender Reference No: _____

Name of the tender/work:- _____

Sir,

1. I/we have downloaded the tender documents for the above mentioned Tender/Work from the website(s) www.eproc.punjab.gov.in as per your advertisement.
2. I/we hereby certify that I/we have read the entire terms and conditions of the tender documents from Page **First** to **Last** (including all documents like Annexure(s), schedules(s), etc.,) of **DETAILED NOTICE INVITING e-TENDER** which form part of the contract agreement and I/we shall hereby abide the terms/conditions/clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/organization has also been taken into consideration, while submitting this acceptance letter.
4. I/we hereby unconditionally accept the tender terms and conditions of above mentioned tender document (s)/corrigendum(s) in its totality /entirety.
5. I/we certify that the items/products quoted by our firm comply all required Technical Specifications as mentioned in the DNIT (Detailed Notice Inviting Tender) under 'Detailed Specifications of the required items'. If the information/declaration/scanned documents furnished in respect of eligibility criteria are found to be wrong or misleading at any stage, competent Authority of Guru Angad Dev Veterinary and Animal Sciences University Ludhiana will be liable to punitive action.
6. I/we hereby certify that all miscellaneous charges on foreign transactions, make Form 15A and its subsequent charges on verification by Chartered Accountant would be borne by our firm /dealer/distributor.
7. I/we hereby confirm and declare that none of my/ our group/ sister concern/ associate company is participating/ submitting this e tender.
8. I/we hereby certify that our company/Firm and Manufacturer/Principal Firm have not been **blacklisted/debarred** by any Govt. Department/Public Sector Undertaking/ Research Institution/Statutory body/University in India.
9. I/we hereby certify that we have no conflicts of interest as per Sr No 2 of General Terms & Conditions / Instructions for bidders.
10. I/we certify that all information furnished by our Firm is true and correct and in the event the information is found to be incorrect/untrue, then competent Authority of Guru Angad Dev Veterinary and Animal Sciences University Ludhiana shall without giving any notice or reason thereof or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully

Date:

Place:

**Signature of the Bidder
with Official Seal**

Name -----

Designation-----