



COMSATS University Islamabad (CUI), Lahore Campus
Defence Road, Off Raiwind Road, Lahore

CUI-LHR-TN-26-1902

Invitation to Bid
For Procurement of

4577-18508-High-Performance Liquid Chromatography (HPLC) system for
Pharmacy Department, CUI-Lahore Campus

Category of procurement	Goods
Procurement Method/ Procedure	Open Competitive Bidding/ Single Stage Two Envelope Procedure
Submission Type	By Uploading File on PPRA EPADS
Tender Fee	Rs. 2,500/- as per clause # 5 & 6 <i>also email the Scan Tender Fee Draft only on emails; asifullah@cuilahore.edu.pk, mshahid@cuilahore.edu.pk, pms@cuilahore.edu.pk</i>
Bid Security Amount	Rs. 300,000/- as per clause # 5 & 6 <i>also email the Scan CDR Draft only on emails; asifullah@cuilahore.edu.pk, mshahid@cuilahore.edu.pk, pms@cuilahore.edu.pk</i>
Bid Closing date/ time	March 16, 2026, 1100 hrs (Bids will be opened after 30 minutes)
Bid Validity days/ Date	90 Days
Delivery days (after PO issuance)	90 days
Decision Criteria for awarding of contract / PO	Item wise
COMSATS University Islamabad, Lahore Campus, Tax Free Number (TFN)	9013701-9
Retention Money against warranty items (applicable or not applicable)	Yes Applicable (5% amount of total value shall be retained for One years)

Signature & Stamp of Bidder

Part: A GENERAL TERMS AND CONDITIONS

1. Please submit the bid (rates) on our prescribed BoQs Form with complete terms and conditions signed & stamped, otherwise your bid (s) may be rejected.
2. All pages of bidding documents are mandatory to be signed / stamped before uploading at EPADS, meaning thereby bidder agrees to our terms & conditions mentioned herein, failing which the bid may be rejected.
3. Any addition, deletion or modification of any clause of the procurement terms & conditions/BoQs of CUI-Lahore Campus by any vendor will not be acceptable and may lead to rejection of the bid.
4. Only registered Suppliers, who are on Active Taxpayers List (ATL) of FBR (GST & Income Tax), are eligible to participate in tender.
5. The contract will be executed and handed over in satisfactory conditions up to the entire satisfaction of COMSATS University Islamabad, Lahore Campus.
6. The bidder is required to furnish tender fee (non-refundable) and earnest money in form of Bank deposit/ CDR / Pay order crossed in favor of “COMSATS University Islamabad, Lahore Campus”.
7. Bidders are advised to upload scan copy of bank instruments (tender fee and earnest money) at PPRA EPADS along with their respective bid. However, original bank instruments must be submitted before closing time of the tender. Any bid not accompanied with earnest money or tender fee shall be rejected without any right of appeal.
8. CUI-Lahore Campus will retain the 5 % amount, at the time of release of payment, as security against items where warranty is required in our BoQs. The retention money will be released after the warranty period subject to a satisfactory report by the end user. The warranty period will be counted from the date of delivery/supply or installation (as the case may be).
9. Part / Advance payments is not allowed.
10. Your bid proposal should be on F.O.R (Pak Rupees) inclusive of all applicable taxes and freight to be delivered at COMSATS University Islamabad, Lahore Campus’s premises.
11. In case of any holiday is announced by the Govt. OR any unforeseeable circumstances that prevent the tender from being opened on the date announced (Force Majure Situation), the tenders will be opened on the very next working day. Timing will remain as mentioned in the tender notice.
12. COMSATS University Islamabad, Lahore Campus, will follow Single Stage Two Envelope procedure, as per PPRA rule 36;

- i. The bid shall comprise a single package containing **two separate envelopes / bids at EPADS**. Each envelope shall contain separately the **financial proposal** and the **technical proposal**;
 - ii. The envelopes / bid shall be marked as “**FINANCIAL PROPOSAL**” and “**TECHNICAL PROPOSAL**” at EPADS;
 - iii. Initially, only the envelope / bid marked “**TECHNICAL PROPOSAL**” shall be opened;
 - iv. The envelope / bid marked as “**FINANCIAL PROPOSAL**” shall be retained / locked at EPADS without being opened;
 - v. The procuring agency shall evaluate the technical proposal in a manner prescribed in advance, without reference to the price and reject any proposal which does not conform to the specified requirements;
 - vi. During the technical evaluation no amendments in the technical proposal shall be permitted;
 - vii. The financial proposals of bids shall be opened on EPADS publicly at a time, date and venue announced and communicated to the bidders in advance;
 - viii. After the evaluation and approval of the technical proposal the procuring agency, shall at a time within the bid validity period, publicly open the financial proposals of the technically accepted bids only. The financial proposal of bids found technically nonresponsive shall not be opened at EPADS;
 - ix. and
 - x. The bid found to be the **most advantageous bid** shall be accepted.
13. After opening of bids, COMSATS University Islamabad, Lahore Campus will examine the bids for completeness as per tender document.
 14. Multiple rates of an item may also lead to the rejection of bid / item.
 15. In case more than one bidder have quoted same rates for an item; the bidder securing more items (in terms of cost) will be awarded the specific item.
 16. The bid form (BoQs) must be duly filled in, stamped and signed by the authorized representative of the bidder.
 17. Payment will be made as per PPRA rule on submission of Invoice in the name of “COMSATS University Islamabad, Lahore Campus” with a copy of delivery challan (s) after the complete order has been supplied, inspected and accepted which includes delivery / installation, and COMSATS acceptance / inspection thereof.
 18. Applicable Income tax and GST will be deducted at source/as per rules. In case of exemption, please mention and attach the proper documentation duly verified from the concerned tax authorities/FBR; however, CUI will be final authority to accept or reject the exemption certificate. In case of rejection, CUI will deduct all applicable taxes as per tax rate. CUI will provide a certificate of tax deduction and the vendor may claim refunds from Tax Authorities/FBR.
 19. **If the vendor fails to deliver the goods / services to COMSATS University Islamabad (CUI), Lahore Campus within the given deadline, following action may be taken by CUI Lahore Campus**
 - a. A late delivery charge of **1% of the total amount of the undelivered item** will be imposed for each day the delivery is delayed after the Purchase Order (PO) deadline.
 - b. Once the penalty reaches the 10% maximum, the **PO may be cancelled**, and the **Call Deposit Receipt (CDR) / Earnest Money** will be confiscated.
 20. If the delivered goods / services are not according to the required quality standards / specifications, the same shall be liable to be rejected after inspection. The vendor would be required to supply as per requirements

Signature & Stamp of Bidder

mentioned in our BoQs, otherwise the purchase / work order will be cancelled after due date with confiscation of earnest money.

- 21. Any defective / sub-standard item (s) will be replaced by the bidder in same quoted cost. In case of failure to supply the specific item, CUI-Lahore may issue PO to next lowest bidder to supply the item while the difference of amount will be deducted from the 1st lowest bidder's earnest money.
- 22. Withdrawal or any modification of the original offer within the validity period shall entitle CUI- Lahore to forfeit the earnest money in favor of the CUI-Lahore and / or put a ban on such vendor participation in tenders / works.
- 23. It is the sole responsibility of the agent / supplier / manufacturer to comply with the applicable laws, be national or international.
- 24. In case of any dispute or grievance, the matter shall be addressed as per PPRA rules.
- 25. The CUI-Lahore Campus reserves the right to modify the quantities of goods / services at any time before the award of purchase / work order.
- 26. CUI-Lahore Campus shall disqualify any firm(s), if at any stage; it finds that the information submitted, or documents provided are inaccurate, fake, ambiguous or incomplete.
- 27. COMSATS University Islamabad, Lahore Campus reserves the right to reject the bid if;
 - i. Received without earnest money and tender fee,
 - ii. The tender is unsigned/ unstamped
 - iii. The offer is ambiguous
 - iv. The offer is conditional
 - v. **The offer is from a firm, either which is black listed OR the firm / company is involved in litigation with procuring agency**
 - vi. The offer is received by telephone/telex/fax/telegram.
 - vii. Any unsigned / ambiguous erasing, cutting / overwriting etc. is made.
- 28. **Please also submit the affidavit that the neither company/firm is blacklisted nor involved in the litigation with procuring agency.**
- 29. CUI Lahore can initiate blacklisting proceedings against the bidder for irregularities or violations committed during bidding and contract execution. The blacklisting proceedings will be initiated in line with the reasons and mechanism for blacklisting and debarment as mentioned in PPRA SRO 460 (I)/ 2024 dated 28th March 2024.
- 30. To emphasize quality requirements of the items, the brand names / model are mentioned in the technical specifications (where applicable) in this document. Equivalent brand may be accepted subject to ensuring quality standards, compatibility / functionality and specification requirements otherwise may be rejected
- 31. The undersigned affirm that the terms and conditions as contained in this document have been read and accepted and that in the event of selection of my/our rate the agreement in the prescribed form will be entered into:

- **Company / Vendor Name:**.....
- **Postal Address:**.....
- **Tel. / Mobile:**.....**Email:**.....

- NTN# :.....GST#:.....PGST#:.....
- Signature:

Please also attach the Certificate supporting being Active Taxpayer as per requirement of FBR.

Part B: Technical Portion (Please mention the quoted model / brand in technical portion with no mention of price otherwise the bid will be rejected)

S r. #	Item Name & Specifications	Qty.		Please mention the Quoted Model / Brand with meeting the all specifications mentioned in BoQs
1	<p><u>High-Performance Liquid Chromatography (HPLC) Shimadzu or equivalent</u> Pump type: Parallel-type double plunger (binary) Plunger capacity: ~10 µL per stroke Flow rate range: • 0.0001–3.0000 mL/min (up to ~62 MPa) • 3.0001–5.0000 mL/min (up to ~40 MPa) Maximum operating pressure: ~60 MPa (~8,800 psi) Gradient type: High-pressure binary gradient Flow accuracy & precision: High precision with low pulsation (typical <0.06 % RSD) Detector Light Source: Deuterium (D₂) lamp and tungsten (W) lamp for UV-visible coverage. Photodiode Array Elements: 512 elements (enables simultaneous multi-wavelength measurement across the spectrum). Wavelength Range: 190 – 800 nm (covers UV and visible regions). Wavelength Accuracy: ≤ ±1 nm. Wavelength Precision: ≤ ±0.1 nm. Spectral Bandwidth / Slit Width: • 1.2 nm in high-resolution mode • 8 nm in high-sensitivity mode Noise Level: ~ 0.6 × 10⁻⁵ AU (under specified conditions). Drift: ~ 5 × 10⁻⁴ AU/hour. Linearity: Up to ~ 2.0 AU (ASTM standard). Flow Cell Path Length: 10 mm optical path. Cell Volume: ~10 µL. Pressure Tolerance: Up to 11 MPa Column temperature control unit Temperature-control range: Approximately 10 °C below room temperature up to 80 °C (sub-ambient cooling supported) Temperature-control precision: Typically ±0.1 °C (max) High-Pressure Mixer (SUS) Autosampler Injection method: Total-volume aspiration with variable injection volume. Injection volume range (standard): 0.1 µL to 100 µL (settable in 0.1 µL steps in the low range). Optional large volume: Up to 1900 µL with an optional large-volume loop kit. Injection precision: RSD < 0.3 % (e.g., for 10 µL injections). Injection volume accuracy: Approximately ± 1 % (e.g., at 50 µL). Number of repeated injections per vial: 1 to 30. Carryover (cross-contamination): ≤ 0.005 % (very low). Needle wash capability: Wash before or after each injection (programmable). Suction speed (sample): Adjustable 0.1 to 14 µL/s.</p>	1	Nos.	

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<p>Suction speed (wash solvent): Adjustable 1 to 33 $\mu\text{L/s}$. Number of flow lines: 3 channels (for three solvents) Degassing performance: UV absorption difference > 300 mAU (measured at 210 nm, 0.5 AU sensitivity, 1 mL/min methanol saturated with dissolved oxygen) indicates effective gas removal. Maximum operating flow rate: 20 mL/min per flow line (using deionized water; effective range varies by solvent). Internal volume (per line): ~ 380–400 μL (compact, low dead volume design). Pressure resistance: ≤ 98 kPa when suctioned by solvent delivery unit — pressurized delivery into the degasser is prohibited. Reservoir Tray A tray platform sized to hold multiple bottles securely (often 4–5 bottles), Solvent reservoir bottles — often 1 L bottles (quantity varies by configuration) Bottle caps with ports — usually with both solid plugs and filtered plug caps for venting and tubing (helps reduce ingress of dust/contaminants) Holes or slots for routing solvent inlet and optionally purge or vent tubing, Material: Stainless-steel mesh, PTFE, or PEEK body (chemical resistant) Pore size: 2 μm, 5 μm, 10 μm, 20 μm (smaller removes finer particulates) , Body fitting: For 1/16" or 1/8" tubing ID (fits pump inlet tubing) , Operation: Low suction resistance to avoid bubble formation, Pore Size: 0.2 μm – 20 μm common depending on application; finer (≤ 0.5-2 μm) for UHPLC or sensitive detectors, coarser (10-20 μm) to protect pumps, Reversed-phase column, C18 (150 \times 4.6 mm, 5 μm) Guard column for C18, Software 21 CFR Compliant Workstation (1 TB Hard Drive, 256 GB SSD, 8 GB Ram, Licensed Windows 10), UPS/Voltage Stabilizer (for instrument protection) Manufacturer's standard warranty (1 Years or better)</p> <p>Note: Manufacturer should have ISO-9001/ISO-13485/TUV /other Equivalent Certification. (Attach Certificate).</p>			
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Part C: Bid Evaluation Criteria

1. Bids shall be evaluated w.r.t technical specification requirements, certification requirements (if any) of the manufacturer/principal/company and other terms and conditions mentioned in this tender document.
2. Supporting literature of the quoted model must be attached (where available/required) for perusal of CUI Lahore to technically assess that the quoted item meets the required specifications and other conditions of our BoQs / tender document.
3. In addition to the BoQ requirements, vendors must meet the vendor qualification criteria /company profile requirements (if any), as set forth in this tender document.

4. Brand name / model must be mentioned against items where required failing which the bid / item (s) may be rejected. Manufacturing origin can only be accepted against items where mentioned specifically in the BoQ form.
5. Bidders are requested to quote genuine / quality products without compromising on quality. The supplied products shall be inspected by our technical experts with respect to BoQs requirements and quality standards. The bidder will be responsible to replace the items which are not found as per the required quality standard.

Part D: Financial Portion (to be uploaded separately at EPADS in relevant section)

Vendors must provide both the unit and total price of each item and calculations must be made carefully to avoid mistakes. However, in case, the total price does not match the unit price and quantity due to a calculation error or typo error, any of the following can be opted:

1. The bid may be rejected on the reason of ambiguity (OR)
2. Unit price will be considered as final, and the total price of the respective item will be calculated by multiplying it by the quantity required. Sub-totals and grand totals will also be corrected accordingly

Note:

Bidders are required to quote the rates for the quantities / measurement unit mentioned in our BoQ. It is strictly advised that no change in quantity/ measurement unit due to different packing size may be made/ written by the vendor while quoting the price. In case, vendor has some different packing size, the same may be converted /calculated as per our required quantity unit/packing size failing which bid/ item may be rejected.

No change in the BoQs (Specs & Qty.) of CUI-Lahore Campus as detailed below, is allowed. Any additional information may be mentioned in the blank columns (i.e., model/brand or Price). Any modification in CUI-Lahore Campus BoQ may lead to the rejection of the bid (fully or partially).

Rates to be quoted inclusive of all (applicable) taxes

Sr .#	Item Name & Specifications	Qty.	Quoted Model / Brand	Unit Price (Rs.)	Total Amount (Rs.)
1	<p><u>High-Performance Liquid Chromatography (HPLC) Shimadzu or equivalent</u> Pump type: Parallel-type double plunger (binary) Plunger capacity: ~10 µL per stroke Flow rate range: • 0.0001–3.0000 mL/min (up to ~62 MPa) • 3.0001–5.0000 mL/min (up to ~40 MPa) Maximum operating pressure: ~60 MPa (~8,800 psi) Gradient type: High-pressure binary gradient Flow accuracy & precision: High precision with low pulsation (typical <0.06 % RSD) Detector Light Source: Deuterium (D₂) lamp and tungsten (W) lamp for UV–visible coverage. Photodiode Array Elements: 512 elements (enables simultaneous multi-wavelength measurement across the spectrum). Wavelength Range: 190 – 800 nm (covers UV and visible regions). Wavelength Accuracy: ≤ ±1 nm.</p>	1	Nos.		

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<p> Wavelength Precision: $\leq \pm 0.1$ nm. Spectral Bandwidth / Slit Width: • 1.2 nm in high-resolution mode • 8 nm in high-sensitivity mode Noise Level: $\sim 0.6 \times 10^{-5}$ AU (under specified conditions). Drift: $\sim 5 \times 10^{-4}$ AU/hour. Linearity: Up to ~ 2.0 AU (ASTM standard). Flow Cell Path Length: 10 mm optical path. Cell Volume: ~ 10 μL. Pressure Tolerance: Up to 11 MPa Column temperature control unit Temperature-control range: Approximately 10 °C below room temperature up to 80 °C (sub-ambient cooling supported) Temperature-control precision: Typically ± 0.1 °C (max) High-Pressure Mixer (SUS) Autosampler Injection method: Total-volume aspiration with variable injection volume. Injection volume range (standard): 0.1 μL to 100 μL (settable in 0.1 μL steps in the low range). Optional large volume: Up to 1900 μL with an optional large-volume loop kit. Injection precision: RSD < 0.3 % (e.g., for 10 μL injections). Injection volume accuracy: Approximately ± 1 % (e.g., at 50 μL). Number of repeated injections per vial: 1 to 30. Carryover (cross-contamination): ≤ 0.005 % (very low). Needle wash capability: Wash before or after each injection (programmable). Suction speed (sample): Adjustable 0.1 to 14 μL/s. Suction speed (wash solvent): Adjustable 1 to 33 μL/s. Number of flow lines: 3 channels (for three solvents) Degassing performance: UV absorption difference > 300 mAU (measured at 210 nm, 0.5 AU sensitivity, 1 mL/min methanol saturated with dissolved oxygen) indicates effective gas removal. Maximum operating flow rate: 20 mL/min per flow line (using deionized water; effective range varies by solvent). Internal volume (per line): ~ 380–400 μL (compact, low dead volume design). Pressure resistance: ≤ 98 kPa when suctioned by solvent delivery unit — pressurized delivery into the degasser is prohibited. Reservoir Tray A tray platform sized to hold multiple bottles securely (often 4–5 bottles) </p>					
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<p>Solvent reservoir bottles — often 1 L bottles (quantity varies by configuration) Bottle caps with ports — usually with both solid plugs and filtered plug caps for venting and tubing (helps reduce ingress of dust/contaminants) Holes or slots for routing solvent inlet and optionally purge or vent tubing Material: Stainless-steel mesh, PTFE, or PEEK body (chemical resistant) Pore size: 2 µm, 5 µm, 10 µm, 20 µm (smaller removes finer particulates) Body fitting: For 1/16" or 1/8" tubing ID (fits pump inlet tubing) Operation: Low suction resistance to avoid bubble formation, Pore Size: 0.2 µm – 20 µm common depending on application; finer (≤0.5-2 µm) for UHPLC or sensitive detectors, coarser (10-20 µm) to protect pumps Reversed-phase column, C18 (150 × 4.6 mm, 5 µm) Guard column for C18, Software 21 CFR Compliant Workstation (1 TB Hard Drive, 256 GB SSD, 8 GB Ram, Licensed Windows 10) UPS/Voltage Stabilizer (for instrument protection) Manufacturer's standard warranty (1 Years or better)</p> <p>Note: Manufacturer should have ISO-9001/ISO-13485/TUV /other Equivalent Certification. (Attach Certificate).</p>					
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Integrity Pact**DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTHRS.10.00 MILLION OR MORE**

Contract Number:

Contract Value:

Contract Title:

Dated:

[Name of Supplier] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoP) through any corrupt business practice.

Without limiting the generality of the foregoing [Name of Supplier] represents and warrants that it has fully declared the brokerage, commission, fee etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultations fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

[Name of Supplier] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representative or warranty.

[Name of Supplier] accepts full responsibility and strict liability for making and false declaration, not making full disclosure, misrepresenting fact or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.

[Name of Supplier] Notwithstanding any rights and remedies exercised by GoP in this regard, agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [Name of Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.

Buyer

Seller/ supplier