NATIONAL UNIVERSITY OF MEDICAL SCIENCES (NUMS)

TENDER DOCUMENT

(Single Stage - Two Envelopes Procedure)

INFORMATION FOR BIDDERS

Tender Reference No:	MS/Office of ED(R&C) NIASR/2026/2
Tender for:	Procurement, Supply, Installation, Testing & Commissioning of Medical Laboratory Equipment for NIASR-NUMS
Procurement Method	Single Stage – Two Envelopes
Submission Platform	Both PPRA E-PADS and Hard copy of bid in sealed form (Technical & Financial bids
Physical Submission	Signed copy of Bidding documents and Bid Security (Original Instrument) to be delivered physically
Issuance Date:	**7th May, 2026**
Last Date for submission	**25th May, 2026 (0930 Hours)**
Technical Bid Opening	**25th May, 2026 (1000 Hours)**
Venue for Opening	**Conference Room, NUMS (ATR), Adyala Road, opposite APS (Girls) Humayun Road, Rawalpindi**
Bid Validity	150 days from the date of bid opening
Bid Security	2% of total bid value (refundable)
Performance Guarantee	10% of Contract Value
Delivery Period	Non-imported: 20 days; Imported: 12 weeks
Warranty Period	Minimum 03 years comprehensive

LIST OF ACRONYMS

Acronym	Description
ADP	Annual Development Program
ATR	Attenuated Total Reflectance
BIA	Bioelectrical Impedance Analysis
BOQ	Bill of Quantity
CDR	Call Deposit Receipt
CE	Conformité European- European Conformity
CIF	Cost, Insurance and Freight
DD	Demand Draft
DDP	Delivered Duty Paid
E-PADS	Electronic-Pak Acquisition and Disposal System
ECG	Electrocardiogram
EMR	Electronic Medical Record
ESI	Electrospray Ionization
FBR	Federal Board of Revenue
FDA	Food and Drug Administration
FEC	Foreign Exchange Component
FOR	Free on Road
FT-IR	Fourier Transform Infrared Spectroscopy
GCC	General Conditions of Contract
GLP	Good Laboratory Practice
GMP	Good Manufacturing Practice
GST	General Sales Tax
HPLC	High Performance Liquid Chromatography
IEC	International Electrotechnical Commission
ISO	International Organization for Standardization
ITBs	Instructions to Bidders
KF	Karl Fischer
LC	Letter of Credit
LC-MS/MS	Liquid Chromatography Tandem Mass Spectrometry
LIMS	Laboratory Information Management System
LIS	Laboratory Information System
MRM	Multiple Reaction Monitoring
MHLW	Ministry of Health, Labor and Welfare (Japan)
NIBP	Non-Invasive Blood Pressure
OEM	Original Equipment Manufacturer
PFM	Public Finance Management
PO	Pay Order
PSDP	Public Sector Development Program
RCF	Relative Centrifugal Force
RO	Reverse Osmosis
RPM	Revolutions Per Minute
RWP/ISB	Rawalpindi/Islamabad
SCC	Special Conditions of Contract
TOC	Total Organic Carbon
UPS	Uninterruptible Power Supply
USP	United States Pharmacopeia
UV-Vis	Ultraviolet-Visible Spectroscopy

SECTION 1. INSTRUCTIONS TO BIDDERS (ITB)

1.1. Introduction and Scope

1.1.1. The National University of Medical Sciences (NUMS) invites sealed bids (**valued both in PKR and FE US$**) from well-reputed Firms/Companies/Sole Proprietors (Original Manufacturers/Authorized Sole Distributors) who are registered on **E-PADS (Electronic-Pak Acquisition and Disposal System)** for the **"Procurement, Supply, Installation, Testing and Commissioning of Medical Laboratory Equipment for NIASR-NUMS"**. This procurement is being undertaken in accordance with the Public Procurement Rules, 2004 (as amended).

1.1.2. The procurement shall be conducted on **'Single Stage - Two Envelopes'** basis in accordance with Rule 36(b) of the Public Procurement Rules, 2004. Under this procedure:

a) Bidders shall submit **TECHNICAL PROPOSAL** and **FINANCIAL PROPOSAL** in separate sealed envelopes.
b) The Technical Proposals shall be opened publicly on the specified date and time and will be evaluated by the Tender Evaluation Committee / Board of officers.
c) The Financial Proposals of technically qualified bidders shall remain sealed and will be opened at a later date. Financial Proposals of technically disqualified bidders shall be returned unopened.

1.1.3. Bidders are required to submit their bids through E-PADS as per the prescribed procedure. B**id security @ 2%** of the total bid value, must be physically delivered to the Procurement Directorate, NUMS, prior to the closing date/time, and a scanned copy uploaded on E-PADS.

1.1.4. The scope of work includes procurement, delivery, installation, testing, commissioning, and after-sales support of Medical Laboratory Equipment. Detailed specifications, terms and conditions are provided in the bidding documents.

1.1.5. NUMS reserves the right to increase or decrease the quantity of items as per requirement without any change in unit price, and to accept or reject any or all bids prior to acceptance or cancel the whole tender at any stage in accordance with PPRA Rules.

1.1.6. Bidders are expected to examine all instructions, forms, terms, specifications, and other information in the bidding documents. Failure to furnish all information required or to submit a bid not substantially responsive shall be at the Bidder's risk and may result in rejection of bid.

1.2. Eligible Bidders

1.2.1. This Invitation for Bids is open to all well-reputed Firms/Companies/Sole Proprietors (Sole Distributors)/Original Manufacturers/Authorized Sole Agents of Foreign or Local manufacturers in Pakistan.

1.2.2. Interested bidders must have a **minimum of five (05) years' relevant experience** in the supply and installation of Medical Laboratory Equipment in public or private sector organizations.

1.2.3. The Bidder must possess a valid, legally enforceable, **exclusive valid authorization** from the Foreign or Local Manufacturer (in case of agents). Manufacturers must provide documentary proof to that effect.

1.2.4. Bidders must be registered with:

a) E-PADS (mandatory for bid submission)
b) Federal Board of Revenue (FBR) - Active Taxpayer List (ATL) for GST & Income Tax with valid NTN and GST certificates
c) Respective Provincial Revenue Authority (if applicable -for Professional Tax certificate)

1.2.5. Bidders must not be under a declaration of ineligibility for corrupt and fraudulent practices issued by PPRA or any government agency.

1.2.6. Bidders blacklisted by any government organization shall not be eligible to participate. Cross debarment shall apply, meaning a bidder debarred by any procuring agency shall be considered as debarred by all procuring agencies.

1.3. Eligible Goods

1.3.1. Country of manufacture should preferably be USA, Europe, Japan or equivalent, unless otherwise specified in the Technical Specifications. Goods from any geographical region conforming to applicable quality standards shall be considered as per Pakistan's import laws and regulations.

1.3.2. Medical equipment shall comply with respective standards/requirements mentioned in the specifications.

1.3.3. For the purposes of this clause, "Services" include related services such as transportation, insurance, installation, commissioning, after-sales service, spare parts availability, and training.

1.4. Cost of Bidding

1.4.1. The Bidder shall bear all costs associated with the preparation and submission of its bid. NUMS shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process. This includes costs of printing, documentation, courier, travel, demonstrations, site visits, and any other expenses incurred by the Bidder in connection with its bid.

1.5. Clarification of Bidding Documents

1.5.1. A prospective Bidder requiring any clarification may notify NUMS in writing at the following address:

Procurement Directorate, National University of Medical Sciences,
NUMS-ATR Building- Adyala Road, Near APS (Girls), Humayoun Road, Katchery Chowk, Rawalpindi
Email: nums.procurementdte@numspak.edu.pk ,
Phone: +92-51-8909018

1.5.2. NUMS shall not respond in writing to any request for clarification received later than **seven (07) days** prior to the deadline for submission of bids.

1.5.3. Written copies of NUMS's response (without identifying the source of inquiry) shall be sent to all prospective Bidders who have obtained the bidding documents through proper source.

1.5.4. Should NUMS deem it necessary to issue an addendum or amendment as a result of a clarification, such addendum or amendment shall be binding on all bidders and issued in accordance with ITB Clause

1.6. Amendment of Bidding Documents

1.6.1. At any time prior to the deadline for submission of bids, NUMS may modify the bidding documents by issuing an amendment.

1.6.2. All prospective Bidders shall be notified of the amendment through E-PADS/PPRA/NUMS Website and it shall be binding on them.

1.6.3. To allow reasonable time for amendment consideration, NUMS may extend the deadline for submission of bids.

1.6.4. Any oral explanation or instruction given by NUMS or its representatives shall not be binding and shall not be considered as an amendment to the bidding documents. Only written amendments issued in accordance with this clause shall be valid.

1.7. Language of Bid

1.7.1. The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid, shall be written in the **English language**.

1.7.2. Supporting documents and printed literature may be in another language provided they are accompanied by an accurate translation of the relevant passages in English. For purposes of interpretation, the English translation shall govern.

1.7.3. In case of any dispute, reference shall be made to the original documentation retained on record by NUMS.

1.8. Documents Comprising the Bid

1.8.1. The bid shall comprise the following components, submitted in separate sealed envelopes:

TECHNICAL PROPOSAL (Envelope-1) shall contain:

Sr.	Document	Reference	Original/Copies
a)	Bid Form- signed and stamped on each page	Annex-1	Original
b)	Bid Security (photocopy with hidden amount)	-	Attested Copy
c)	Manufacturer's Authorization (for agents) OR OEM Certificate (for manufacturers)	Annex-2	Original
d)	NTN Certificate (active status / ATL)	-	Attested Copy
e)	GST Registration Certificate	-	Attested Copy
f)	Professional Tax Certificate of Provincial Revenue Authority (if applicable)	-	Attested Copy
g)	Certificate of Incorporation / Partnership Deed / SECP Registration (whichever is applicable)	-	Attested Copy
h)	Affidavit of Non-Blacklisting (on stamp paper)	Annex-3	Original
i)	After Sales Service Commitment	Annex-4	Original
j)	List of major supplies with copies of supply orders (minimum 03)	Annex-5	Attested Copies
k)	ISO/CE/FDA certifications (as applicable)	-	Attested Copy
l)	Certificate of Origin (for imported goods)	-	Attested Copy
m)	Technical literature, catalogues, datasheets of offered products	-	Original
n)	Checklist of Mandatory Documents (duly filled)	Annex-6	Original
o)	E-PADS Registration Proof	-	Attested Copy

p)	Proof of Minimum 05 Years' Experience in supply of Medical Lab Equipment	-	Attested

FINANCIAL PROPOSAL (Envelope-2) shall contain:

Sr.	Document	Reference	Original/Copies
a)	Price Schedule (**PKR and FEC**) - duly filled, signed, and stamped on each page	Annex-2	Original
b)	Bid Security (original instrument)	ITB 1.15	Original

1.9. Bid Form and Price Schedule

1.9.1. The Bidder shall complete the Bid Form (Annex-1) and Price Schedule (Annex-2) furnished in the bidding documents, using the exact formats provided.

1.9.2. The Price Schedule shall clearly indicate:

a) Item name and description as per Schedule of Requirements
b) Make and Model of the offered equipment
c) Country of origin
d) Country of manufacture
e) Quantity
f) Unit price in Pakistani Rupees (PKR) excluding GST
g) Unit price in Foreign Exchange Component (FEC) – PKR equivalent
h) GST percentage
i) Unit price including GST (PKR)
j) Total price including GST (PKR)

1.9.3. Any alteration, erasure, or overwriting in the Price Schedule shall be valid only if initialed by the person(s) signing the bid. Uninstalled alterations may result in rejection.

1.10. Bid Prices (must be provided in PKR & FEC)

1.10.1. Dual Pricing Format: Bidders are required to quote prices in two distinct components: The bidder must quote item-wise prices and provide complete breakup including supply cost, freight, insurance, taxes, duties, inland transportation, installation, commissioning, training, and after-sales support

a) **PKR Component (Local):** For goods and services that are locally sourced or for which payment is to be made in Pakistani Rupees, including local taxes, duties, insurance, transportation, and delivery charges.

b) **FEC Component (Foreign Exchange Component):** For imported goods, equipment, or components that require foreign currency payment. This component shall be quoted in PKR equivalent based on the exchange rate notified by SBP on the date of financial bid opening **[Reference: PPRA Rules 2004, Rule 30(2)]**

c) **Financial Proposal Format:**
The bidder shall submit the Financial Proposal in a clearly bifurcated manner showing:

S/No	Item Name	Make	Model	Country of Origin	Country of Manufacture	Qty	Unit Price (PKR)	Unit Price (FEC)	Currency USD/ EUR etc.	Exchange rate (in PKR)	Taxes / Duties (PKR)	Total Price with all Taxes / Duties (PKR)

1.10.2. The total bid price shall be the sum of the PKR Component and the FEC Component.
1.10.3. The Bidder shall quote on **FOR (Free on Road)** basis i.e., delivered at NUMS NIASR stores, The Mall, Abid Majeed Road, Rawalpindi, inclusive of all costs including packing, forwarding, insurance, transportation, clearing, and delivery.
1.10.4. For imported goods, the quoted FEC component shall include all customs duties, taxes, clearing charges, and inland transportation up to the delivery point.
1.10.5. Prices must include all applicable taxes and duties. If taxes are not mentioned, the quoted price shall be considered inclusive of all prevailing taxes.
1.10.6. Prices quoted shall be tem-wise with complete standard accessories as per technical specifications. Optional accessories, if any, shall be quoted separately and clearly marked as "OPTIONAL".
1.10.7. The benefit of exemption from or reduction in GST or other taxes shall be passed on to NUMS.
1.10.8. No request for price increase due to market fluctuation, currency devaluation, or any other reason shall be entertained after bid submission.
1.10.9. In case of discrepancy between unit price and total price, the unit price shall prevail, and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words shall prevail.
1.10.10. If a Bidder does not accept the correction of errors, its bid shall be rejected.

1.11. Bid Currencies

1.11.1. Prices shall be quoted in **Pakistani Rupees (PKR)** along with the **FE** component clearly identified as a separate line column against each item.
1.11.2. For imported items, the exchange rate prevailing on the date of financial bid opening (as notified by the State Bank of Pakistan-SBP) shall be used for evaluation purposes, but the contract payment shall be in PKR at the quoted rates. [Ref: PPRA Rules 2004, Rule 30(2)]

1.12. Documents Establishing Bidder's Eligibility and Qualification

1.12.1. The Bidder shall furnish, as part of the Technical Proposal, documents establishing eligibility and qualifications as specified below. NUMS shall determine to its satisfaction whether the Bidder is qualified to perform the Contract satisfactorily or otherwise.

Requirement	Details	Documentary Evidence
Company Registration	Valid registration with SECP/concerned authority	Certificate of Incorporation / Partnership Deed / Registration Certificate
Tax Registration	Active taxpayer status with FBR and Provincial Revenue Authority	NTN Certificate (ATL status), GST Registration Certificate, Professional Tax Certificate
Manufacturer Status	For manufacturers: proof of being original manufacturer; For agents: exclusive authorization	OEM Certificate OR Exclusive Authorization Letter from Manufacturer (Annex-3)
Experience	**Minimum 05 years** in supply and maintenance of Medical Laboratory Equipment	List of major supplies with dates, values, and client details
Past Performance	Satisfactory performance in at least 03 similar contracts	Copies of supply orders (minimum 03) and performance certificates from Govt./Semi-Govt. organizations

Technical Capability	Qualified technical staff, testing/calibration equipment, workshop facilities	List of technical staff with qualifications and experience; List of equipment with make, model, and calibration status
Market Standing	Established presence in the market	User list (Govt./Semi-Govt./Reputed Pvt. hospitals/organizations) where quoted model is installed

1.12.2. NUMS reserves the right to inspect the Bidder's premises to verify technical capabilities. Such inspection may include:

a) Verification of workshop facilities and equipment
b) Interview of technical staff
c) Review of maintenance records and spare parts inventory
d) Inspection of similar equipment supplied to other clients

1.12.3. The Bidder shall provide a list of all ongoing contracts and pending litigation, if any, with full details.

1.13. Documents Establishing Goods' Eligibility and Conformity

1.13.1. The Bidder shall furnish, as part of the Technical Proposal, documents establishing the eligibility and conformity of goods to the bidding documents.

Document	Description	Requirement
Original Equipment Manufacturer (OEM) Certificate	Certificate declaring make, model, and country of origin	Mandatory
CE Mark Certificate	For EU compliance (safety, health, environmental standards)	Mandatory for medical equipment
FDA Certificate	For US compliance (510K clearance for medical devices)	Mandatory for US-origin medical equipment
ISO Certification	Relevant ISO certifications (ISO 13485, ISO 9001, etc.)	Mandatory
Certificate of Origin	Document certifying country of manufacture	Mandatory for imported goods
Technical Literature	Original catalogues, brochures, datasheets of quoted model	Mandatory
Certificate of Conformity	From manufacturer confirming compliance with specifications	Mandatory
Certificate of Free Sale	For medical devices (if applicable)	Where applicable

1.13.2. The quoted model shall be available on the manufacturer's official website; otherwise, it shall be considered obsolete and rejected.

1.13.3. The Bidder must declare the make, model, and country of origin of all standard accessories to be provided with the equipment.

1.13.4. Any deviation from the specified technical requirements shall be clearly indicated in the Technical Compliance Statement (Annex-7). Failure to disclose deviations may be considered as fraudulent practice.

1.14. Bid Security

1.14.1. An amount 2% of the total quoted price/ bid value (item-wise, as per Schedule of Requirements). The Bid Security amount shall be calculated on the basis of the quoted cost.

1.14.2. Form: Demand Draft (DD)/Pay Order (PO)/Call Deposit Receipt (CDR) from a scheduled bank in favor of: **"National University of Medical Sciences (NUMS)"**

1.14.3. Submission:

a) Bid Security must be submitted as part of the Financial Proposal in a separate envelope clearly marked "BID SECURITY".
b) The Original Instrument must be physically delivered to the Procurement Directorate, National University of Medical Sciences (NUMS), NUMS-ATR Building- Adiyala Road, (Near APS-Humayoun Road), Kutchery Chowk, Rawalpindi, prior to the closing date/time.
c) A scanned copy must be uploaded on E-PADS.
d) The tender number must be clearly mentioned on the back side of the Bid Security along with the firm's stamp and signature.

1.14.4. Format of Bank Guarantee: The form of a Bank Guarantee, shall be in the format specified in Annex-4 and shall be issued by a scheduled bank operating in Pakistan.

1.14.5.. **Acceptance:** Bid Security less than the required amount or in any other form shall not be accepted and will result in rejection of the bid.

1.14.6. Forfeiture: Bid Security shall be forfeited in any of the following events:

a) If the Bidder withdraws its bid during the validity period.
b) If the Bidder does not accept correction of arithmetical errors.
c) If the Bidder, being notified of award, fails to furnish the Performance Guarantee or sign the Contract within the stipulated time.
d) If the Bidder is found to have engaged in corrupt or fraudulent practices.

1.14.7. Return of Bid Security:

a) **Unsuccessful Bidders:** Bid Security shall be returned after finalization of the award and signing of the Contract with the successful Bidder.
b) **Successful Bidder:** Bid Security shall be returned upon furnishing of the Performance Guarantee.

1.15. Bid Validity

1.15.1. Bids shall remain valid for a period of **150 days** from the date of bid opening.

1.15.2. A bid valid for a shorter period shall be rejected as non-responsive.

1.15.3. In exceptional circumstances, NUMS may request an extension of the bid validity period. The request and responses shall be in writing.

1.15.4. Bidders agreeing to the extension shall not be permitted to change the substance of their bids.

1.15.5. Bidders not agreeing shall be allowed to withdraw their bids without forfeiture of bid security.

1.16. Clarification of Bids

1.16.1. During evaluation, NUMS may ask a Bidder for clarification of its bid. The request and response shall be in writing.

1.16.2. No change in prices or substance of the bid (including make/model/brand) shall be sought, offered, or permitted.

1.16.3. Any clarification provided by a Bidder that modifies the substance of the bid may result in rejection.

1.16.4. If a Bidder does not respond within the time specified, its bid may be evaluated on the basis of available information.

1.17. Preliminary Examination

1.17.1. NUMS shall examine the bids to determine completeness, document availability, arithmetic correctness, and any computational errors.

1.17.2. NUMS may waive any minor informality, non-conformity, or irregularity that does not constitute a material deviation.

1.17.3. A substantially responsive bid is one that conforms to all terms and conditions without material deviations. Deviations from critical provisions (e.g., missing bid security, missing authorization, incomplete technical specifications) shall be deemed material and result in rejection.

1.17.4. Arithmetic errors shall be corrected as follows:

a) If there is a discrepancy between the unit price and the total price obtained by multiplying the unit price by the quantity, the unit price shall prevail and the total price shall be corrected.
b) If there is a discrepancy between words and figures, the amount in words shall prevail.
c) If the Bidder does not accept the correction of errors, its bid shall be rejected.

1.18. Technical Evaluation Criteria

1.18.1. Knock-Out Criteria (Mandatory Compliance): Failure to meet any of these shall result in immediate rejection without further evaluation.

Sr. No.	Evaluation Parameter	Compliance (Yes/No)
1	E-PADS Registration Proof	
2	NTN Certificate (Active Status / ATL)	
3	GST Registration Certificate	
4	Professional Tax Certificate (Punjab)	
5	Certificate of Incorporation / Partnership Deed	
6	Bid Security (2% - Original submitted physically)	
7	Bid Validity (150 days declared in Bid Form)	
8	Affidavit of Non-Blacklisting (on stamp paper)	
9	Manufacturer's Exclusive Authorization (for agents) OR OEM Certificate (for manufacturers)	
10	CE/FDA/ISO Certifications (as per specifications)	
11	Technical Compliance Statement duly filled	
12	Checklist of Mandatory Documents duly filled	
13	Bid Form duly signed and stamped	
14	After Sales Service Commitment	
15	Proof of Minimum 05 years of experience in Medical Lab Equipment Supply	

1.18.2. Technical Evaluation (Qualification Criteria): Bidders must achieve minimum **70% marks** to qualify for financial opening.

Sr. No.	Evaluation Parameter	Max Marks	Scoring Criteria
A. Company Profile & Experience (30 Marks)			
A-1	Years of Experience in Medical Lab Equipment supply	10	5+ years: 10 marks; 3-5 years: 5 marks; <3 years: 0
A-2	Number of similar contracts completed (Govt./Semi-Govt.)	10	>5 contracts: 10 marks; 3-5: 5 marks; <3: 0
A-3	Financial Turnover (average of last 3 years)	10	>Rs. 10 Million: 10 marks; Rs. 5-10 Million: 5 marks; <Rs. 5 Million: 0
B. Technical Capability (40 Marks)			
B-1	Qualified Technical Staff (Biomedical Engineers/ Technicians)	15	Documented team with qualifications: 15 marks; Partial: 7 marks
B-2	Service Workshop & Testing Equipment in RWP/ISB	15	Fully equipped workshop: 15 marks; Regional: 7 marks; None: 0
B-3	Spare Parts Inventory	10	Adequate stock maintained: 10 marks; Partial: 5 marks

C. Product Compliance (30 Marks)			
C-1	Technical Compliance with Specifications	15	Full compliance with all item-wise specifications accepted by the end user: 15 marks; Minor deviations acceptable to end-user: 7 marks; Material/ major deviations: 0
C-2	Quality Certifications (ISO/CE/FDA)	10	All required certifications: 10 marks; Partial/Not provided: 0
C-3	Warranty (beyond minimum requirement)	5	>3 years or more than required by end user: 5 marks =3 years: 3 marks; <3 years: 0
	TOTAL	**100**	**Minimum Required: 70**

1.18.3. The Technical Evaluation Committee reserves the right to inspect the Bidder's premises to verify technical capabilities. The Committee's decision regarding technical qualification shall be final.
1.18.4. Bids declared "Responsive" or "Substantially Responsive" (with minor deviations not affecting quality/efficiency) shall be considered for financial opening.

1.19. Financial Evaluation

1.19.1. Financial Proposals of only technically qualified bidders (securing ≥70% marks) shall be opened.
1.19.2. Financial evaluation shall be on an **item-wise basis** as per the Schedule of Requirements.
1.19.3. The lowest evaluated bidder for each item/package shall be determined based on the **total quoted price (PKR Component + FEC Component, inclusive of all taxes)**.
1.19.4. For evaluation purposes, the FEC component shall be converted to PKR using the exchange rate prevailing on the date of financial bid opening (as notified by the SBP) Ref: PPRA Rules 2004, Rule 30(2)
1.19.5. In case of identical prices, the bidder with higher technical marks shall be preferred.
1.19.6. The Bidder having lesser Bid Security than required shall be rejected, and the next lowest bidder shall be considered.
1.19.7. NUMS may split the award among multiple bidders if it is in the best interest of the procurement and provides better value for money.

1.20. Contacting the Procuring Agency

1.20.1. No Bidder shall contact NUMS on any matter relating to its bid from the time of bid opening to the time of award.
1.20.2. Any effort by a Bidder to influence the evaluation or award process shall result in rejection of the bid and subsequent blacklisting. Canvassing is strictly prohibited and will lead to disqualification.

1.21. Rejection of Bids

1.21.1. NUMS may reject any or all bids at any time prior to acceptance, in accordance with Rule 33 of the Public Procurement Rules, 2004.
1.21.2. NUMS shall, upon request, communicate the grounds for rejection to any Bidder but is not required to justify those grounds. [Reference: PPRA Rules 2004, Rule 33(1)]
1.21.3. NUMS incurs no liability to Bidders solely by virtue of rejecting any or all bids. [Reference: PPRA Rules 2004, Rule 33(2)]
1.21.4. Bids are liable to be rejected for, but not limited to, the following reasons:

- **a)** Bid Security not attached or less than required
- **b)** Conditional, optional, or incomplete bids
- **c)** Received after the due date and time
- **d)** Taxes not indicated separately
- **e)** Multiple rates quoted against one item

f) Bid validity not as required
g) Material deviations from technical specifications
h) Missing mandatory documents
i) Submission of false or misleading information
j) Bidder found blacklisted or indulging in corrupt practices
k) Non-responsiveness to any mandatory requirement of the bidding documents

1.22. Re-Bidding

1.22.1. If NUMS rejects all bids, it may call for re-bidding after assessing reasons for rejection and may revise specifications, evaluation criteria, or any other conditions.

1.22.2. Before invitation for re-bidding, NUMS shall assess the reasons for rejection and may revise specifications, evaluation criteria, or any other conditions.

SECTION 2. AWARD OF CONTRACT

2.1. Award Criteria

2.1.1. The Bidder with the **technically & financially evaluated as most advantageous bid** (item-wise), meeting all terms and conditions and not in conflict with any law/rules/regulations, shall be awarded the Contract. [Reference: PPRA Rules 2004, Rule 36]

2.1.2. NUMS shall award the Contract within the original or extended bid validity period.

2.1.3. The award shall be made to the bidder whose bid has been determined to be:

a) Substantially responsive to the bidding documents;

b) Technically qualified (securing ≥70% marks); and

c) The lowest evaluated bid price (PKR Component + FEC Component, inclusive of all taxes).

2.1.4. 2.1.4 The Bidder having lesser Bid Security than required shall be rejected, and the next lowest bidder shall be considered.

2.2. Right to vary Quantities

2.2.1. NUMS reserves the right at the time of Contract award to increase or decrease the quantity of goods originally specified without any change in unit price or other terms and conditions, as per PPRA Rules.

2.2.2. The extent of variation shall not exceed the limit specified in the procurement regulations.

2.3. Notification of Award

2.3.1. Prior to the expiration of bid validity, NUMS shall notify the successful Bidder in writing (by registered letter/email) that its bid has been accepted.

2.3.2. The notification of Award shall constitute the formation of the Contract, subject to signing of formal Contract and furnishing of Performance Guarantee.

2.3.3. Simultaneously, NUMS shall notify all unsuccessful bidders of the outcome.

2.4. Signing of Contract

2.4.1. Within **07 days** of receipt of the Notification of Award, the successful Bidder shall sign and date the Contract on stamp paper of appropriate value (as per Stamp Duty Act, 1899).

2.4.2. The Contract shall be in the form specified in Annex-6 and shall include all agreements between the parties.

2.4.3. If the successful Bidder fails to sign the Contract within the stipulated time, its Bid Security shall be forfeited, and the firm shall be blacklisted for minimum three (03) years. NUMS may then award to the next lowest evaluated Bidder or call for re-bidding.

2.5. Performance Guarantee

2.5.1. Amount:

a) **10% of the Contract amount** (for both local & imported equipment / FEC component)

2.5.2. Form: Deposit at Call / Irrevocable Bank Guarantee from a scheduled bank in favor of: **"National University of Medical Sciences (NUMS)"**

2.5.3. Format: The Performance Guarantee shall be in the format specified in Annex-5.

2.5.4. Submission: On the date of signing of the Contract.

2.5.5. Validity: Equal to the warranty period plus 150 days.

2.5.6. Release: The Performance Guarantee shall be released after successful completion of warranty period and issuance of clearance/ satisfactory certificate by the end-user.

2.5.7. Failure of the successful Bidder to furnish the Performance Guarantee shall constitute sufficient grounds for annulment of the award and forfeiture of Bid Security.

2.6. Redressal of Grievances

2.6.1. NUMS shall constitute a committee comprising an odd number of persons to address complaints of bidders that may occur prior to the entry into force of the procurement contract. [Reference: PPRA Rules 2004, Rule 46]

2.6.2. Any bidder feeling aggrieved may lodge a written complaint concerning its grievances not later than Five (5) days after the announcement of the bid evaluation report.

2.6.3. The complaint shall be addressed to The Vice Chancellor, National University of Medical Sciences (NUMS) The Mall, Abid Majeed Road, Rawalpindi and submitted in Procurement directorate-NUMS.

2.6.4. The committee shall investigate and decide upon the complaint within **fifteen (15) days** of receipt.

2.6.5. Mere lodging of a complaint shall not warrant suspension of the procurement process. [Reference: PPRA Rules 2004, Rule 46]

2.6.6. Any bidder not satisfied with the decision may lodge an appeal in the relevant court of jurisdiction.

SECTION 3. GENERAL CONDITIONS OF CONTRACT (GCC)

3.1. Definitions: In this Contract, the following terms shall be interpreted as indicated:

Term	Definition
"The Contract"	The agreement entered into between NUMS and the Supplier, including all attachments and appendices
"The Contract Price"	The price payable to the Supplier for full and proper performance of contractual obligations
"The Goods"	The equipment, machinery, consumables, accessories, and all items to be supplied
"The Services"	Installation, commissioning, testing, training, after-sales support, maintenance, and all incidental services
"The Procuring Agency"	National University of Medical Sciences (NUMS)
"The Supplier"	The successful Bidder awarded the Contract
"Day"	Calendar day
"Delivery Point"	NUMS NIASR, The Mall, Abid Majeed Road, Rawalpindi

3.2. Application

These General Conditions shall apply to the extent that they are not superseded by provisions of the Special Conditions of Contract.

3.3. Country of Origin

3.3.1 Country of manufacture shall be as specified in the Technical Specifications. If not specified, goods from USA, Europe, Japan, or any other country conforming to applicable quality standards shall be acceptable.

3.3.2 The Supplier shall provide Certificate of Origin with the shipping documents.

3.4. Standards

3.4.1 Medical equipment shall comply with:

Region	Standard
USA	FDA 510(K) clearance
Europe	CE (MDD/MDR) certification
Japan	MHLW certification
Others	Relevant international standards (ISO, IEC)

3.4.2 Non-medical equipment shall comply with relevant national/international quality standards.

3.4.3 The Supplier shall provide certificates of conformity with the delivery documents.

3.5. Use of Contract Documents and Information

3.5.1 The Supplier shall not disclose any Contract provision, specification, plan, or information to any third party without NUMS's prior written consent.

3.5.2 All documents remain the property of NUMS and shall be returned upon completion of the Contract.

3.5.3 The Supplier shall treat all information obtained from NUMS as confidential and shall not use it for any purpose other than performance of the Contract.

3.6. Patent Rights

3.6.1 The Supplier shall indemnify NUMS against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods.

3.6.2 NUMS shall notify the Supplier promptly of any such claim and shall provide reasonable assistance to the Supplier in defending the claim.

3.7. Delivery and Documents

3.7.1 The Supplier shall make delivery as per the Schedule of Requirements and the delivery period specified in the SCC.

3.7.2 Original documents to be furnished with the Goods:

S/No	Document	Quantity
a)	Delivery Challan/Goods Receiving Report	3 copies
b)	Packing List	3 copies
c)	Certificate of Origin	2 copies
d)	Certificate of Conformity/Inspection	2 copies
e)	Commercial Invoice	3 copies
f)	Insurance Certificate	2 copies
g)	OEM Certificate	2 copies
h)	Operational Manuals (hard copy)	2 sets
i)	Service Manuals (hard copy)	2 sets
j)	Operational Manuals (soft copy on CD/USB)	2 sets
k)	Service Manuals (soft copy on CD/USB)	2 sets
l)	Warranty/ Guarantee Certificates	2 copies

3.7.3 For imported items, the following additional documents shall be provided:
a**) Airway Bill/Bill of Lading**
b) Goods Declaration (GD) Certificate
c) Import General Manifest (IGM) copy

3.8. Insurance

3.8.1 For imported goods on CIF basis, marine insurance shall be the Supplier's responsibility and shall be included in the Contract Price.

3.8.2 For DDP deliveries, all risks insurance up to final destination shall be included in the Contract Price.

3.8.3 Insurance shall be with a reputable insurance company operating in Pakistan, covering 110% of the value of Goods.

3.9. Transportation

3.9.1 The Supplier shall arrange transportation to prevent damage/deterioration during transit to the delivery point.

3.9.2 All transportation, loading, and unloading costs shall be included in the Contract Price.

3.9.3 The Supplier shall ensure that the mode of transportation is appropriate for the nature of the Goods.

3.10. Incidental Services

3.10.1 The Supplier shall provide all incidental services (installation, commissioning, and training) at no extra cost.

3.10.2 For high-end equipment, factory training for NUMS biomedical engineers and clinical training for end-users shall be provided as specified in the SCC.

3.10.3 The Supplier shall provide all necessary tools, equipment, and consumables required for installation and commissioning.

3.10.4 The Supplier shall demonstrate that the Goods are fully operational and meet all specifications before handing over to NUMS.

3.11. Warranty

3.11.1 **Warranty Period:** Minimum **three (03) years** comprehensive warranty from the date of final acceptance/ commissioning.

3.11.2 Warranty shall cover all parts, labor, travel costs, and any other expenses required to remedy defects.

3.11.3 **Uptime Guarantee:** 95% uptime during warranty period (calculated on an annual basis). If uptime falls below 95%, the warranty period shall be extended as per the following formula:

Uptime Percentage	Warranty Extension
95% - 100%	No penalty
80% - 94.9%	Extension by 2x downtime days
60% - 79.9%	Extension by 3x downtime days
Below 60%	Extension by 4x downtime days

3.11.4 The Supplier shall maintain a **Log Book** for all equipment recording breakdowns, maintenance, and repairs. The Log Book shall be available for inspection by NUMS at all times.

3.11.5 **Response Time:**

a) The Supplier shall respond to service calls within **24 hours** (working days) of receipt of complaint.

b) Major breakdowns shall be rectified within **07 working days**.

c) Critical equipment (LC-MS/MS, HPLC, FT-IR) shall be attended to within 12 hours.

3.11.6 **Remote Service:** For high-tech equipment, remote diagnostic and service capability via modem shall be provided, if available.

3.11.7 **Preventive Maintenance:** The Supplier shall carry out preventive maintenance as per manufacturer's recommended schedule at no extra cost.

3.11.8 **Spare Parts:** The Supplier guarantees the availability of essential spare parts for a minimum of **05 years** from the date of commissioning.

3.11.9 **IQ/OQ:** The Supplier shall perform Installation Qualification (IQ) and Operational Qualification (OQ) of all equipment through manufacturer-certified engineers. IQ/OQ protocols must be licensed and automated/locked as per manufacturer protocols.

3.12. Payment Terms

3.12.1 **No advance payment** shall be made to selected bidder.

3.12.2 **For DDP (Local Supply / PKR Component):** 100% payment after complete delivery, installation, commissioning and acceptance by the end-user, upon submission of:

- **a)** Complete & Successful Installation, Testing and Commissioning Report signed by the end-user
- **b)** b) Delivery Challan/Goods Receiving Report
- **c)** c) Invoice in triplicate
- **d)** d) Warranty/Guarantee certificates
- **e)** e) All required manuals and documents required to NUMS/End User.

3.12.3 **For CIF (Imported Supply / FEC Component):** 100% payment via irrevocable Letter of Credit (LC) at sight upon presentation of shipping documents, provided that **10% of the LC amount** shall be payable after successful installation and commissioning. NUMS will make payment to the selected vendors only as per issued supply order and deduction of due taxes/levies and charges (whichever are applicable) subject to clearance by the audit department at NUMS.

3.12.4 **Retention Money:** 10% retention money shall be deducted from each bill and released after successful completion of the Defect Liability Period (warranty period).

3.12.5 Payment shall be released within **25-30 days** of submission of complete and correct invoices/ documents.

3.13. Prices

3.13.1 Prices charged shall not vary from the quoted prices and shall remain fixed for the entire Contract duration.

3.13.2 No price adjustment on account of exchange rate fluctuations, market conditions, or any other factor shall be allowed.

3.14. Contract Amendments

3.14.1 No variation or modification of the Contract shall be made except by written amendment signed by both parties.

3.14.2 Change in make/model shall not be allowed unless the manufacturer has discontinued the model, in which case an upgraded model of similar or better specifications shall be offered at no extra cost.

3.14.3 Any such change must be approved in writing by NUMS.

3.15. Assignment

3.15.1 The Supplier shall not assign, in whole or in part, its obligations under this Contract without NUMS's prior written consent.

3.16. Subcontracts

3.16.1 The Supplier shall not sublet the job except as disclosed in the bid and approved by NUMS.

3.16.2 The Supplier shall remain fully responsible for the performance of any subcontractor.

3.17. Delays in Performance

3.17.1 Delivery shall be made as per the Schedule of Requirements and the delivery period specified in the SCC. [Reference: PPRA Rules 2004, Rule 39]

3.17.2 If the Supplier encounters conditions impeding timely delivery, it shall promptly notify NUMS in writing.

3.17.3 NUMS may, at its discretion, extend the time for performance, with or without liquidated damages.

3.18. Penalties/Liquidated Damages

3.18.1 **Rate of Penalty: 0.1% (one-tenth of one percent) of the Contract value per day** of delay, subject to a maximum of **10%** of the Contract value.

3.18.2 The penalty shall be calculated on the value of the delayed items.

3.18.3 Once the maximum penalty is reached, NUMS may terminate the Contract and forfeit the Performance Guarantee.

3.18.4 If substandard items are supplied, NUMS may arrange risk purchase, and the price difference shall be borne by the Supplier.

3.18.5 The imposition of liquidated damages shall not relieve the Supplier from its obligation to deliver the Goods.

3.19. Termination for Default

3.19.1 NUMS may terminate this Contract by written notice if the Supplier defaults or fails in following point: [Reference: PPRA Rules 2004, Rule 40]

- **a)** Fails to deliver any or all goods within the specified period or any extension granted.
- **b)** Fails to perform any other obligation under the Contract.
- **c)** Has engaged in corrupt or fraudulent practices.
- **d)** Becomes insolvent or bankrupt.
- **e)** Provides substandard goods that do not meet specifications.

3.19.2 Upon termination, the Performance Guarantee shall be forfeited, and the Supplier may be blacklisted.

3.19.3 Termination shall not prejudice any other rights or remedies available to NUMS.

3.20. Force Majeure

3.20.1 The Supplier shall not be liable for delay or failure to perform if such delay or failure results from Force Majeure. [Reference: PPRA Rules 2004, Rule 41]

3.20.2 **Force Majeure** means an act of God or an event beyond the control of the Supplier, not involving fault or negligence, including but not limited to: wars, revolutions, fires, floods, earthquakes, strikes, epidemics, and freight embargoes.

3.20.3 The Supplier shall promptly notify NUMS in writing within **07 days** of occurrence, with sufficient evidence of such condition.

3.20.4 If Force Majeure conditions continue for more than **30 days**, either party may terminate the Contract without liability.

3.21. Termination for Insolvency

3.21.1 NUMS may terminate the Contract by giving one month's written notice if the Supplier becomes bankrupt or insolvent.

3.22. Resolution of Disputes

3.22.1 The parties shall make every effort to resolve amicably any disagreement arising under or in connection with the Contract.

3.22.2 If not resolved within 30 days of informal negotiations, either party may require that the dispute be referred to arbitration.

3.22.3 The arbitrator shall be appointed with mutual consent of both parties. If no consensus is reached within 30 days, either party may request the Chairman, Pakistan Engineering Council (for engineering disputes) or the concerned forum to appoint an arbitrator.

3.22.4 The decision of the arbitrator shall be final and binding on both parties.

3.22.5 The arbitration shall be conducted in Rawalpindi/ Islamabad in accordance with the Arbitration Act, 1940.

3.23. Applicable Law

3.24.1 This Contract shall be governed by the laws of Pakistan, and the courts in Rawalpindi/ Islamabad shall have exclusive jurisdiction.

3.24. Notices

3.25.1 Any notice given by one party to the other shall be sent in writing to the address specified in the Special Conditions of Contract.

3.25.2 Notices shall be deemed effective when delivered by hand, registered post, or courier, or on the date specified in the notice, whichever is later.

SECTION 4. SPECIAL CONDITIONS OF CONTRACT (SCC)

Clause	Description
SCC-1	Procuring Agency: National University of Medical Sciences (NUMS), The Mall, Abid Majeed Road, Rawalpindi
SCC-2	Supplier: [To be filled after award]
SCC-3	Place of Delivery: NUMS NIASR, The Mall, Abid Majeed Road, Rawalpindi
SCC-4	Delivery Period:
	- Non-imported items: Within 20 days from issuance of Supply Order
	- Imported items: Within 08 weeks from issuance of Supply Order
SCC-5	Warranty Period:
	- Standard equipment: 03 years comprehensive (parts, labor, travel) from date of final acceptance
	- LC-MS/MS Detector (Photo Multiplier Tube): 10 years warranty
SCC-6	After-Sales Service: Service facility in Rawalpindi/Islamabad with qualified Biomedical Engineers/Technicians
SCC-7	Spare Parts Guarantee: Minimum 05 years from date of commissioning
SCC-8	**Training:** - Factory training for 02 Biomedical Engineers (for LC-MS/MS, HPLC, FT-IR) at the manufacturer's facility - On-site clinical training for end-users (minimum 03 days) - All training costs (travel, accommodation, daily allowance) shall be borne by the Supplier
SCC-9	Documentation: Two sets of Operation and Service Manuals (hard copy) plus soft copies on CD/USB
SCC-10	Insurance: Marine and inland insurance included in Contract Price
SCC-11	Customs Clearance: Supplier's responsibility; NUMS to provide facilitation documents (exemption certificate, etc.)
SCC-12	Penalty for Delay: 0.1% per day, maximum 10% of Contract value
SCC-13	Performance Guarantee: 10% of Contract value (for imported items); 5% (for local items)
SCC-14	Payment: As per GCC Clause 3.12
SCC-15	Retention Money: 10% deducted from each bill, released after warranty period
SCC-16	Correspondence Address: Procuring Agency: The Director Procurement, National University of Medical Sciences (NUMS), The Mall, Abid Majeed Road, Rawalpindi. Phone: +92-51-8909018, Email: nums.procurementdte@numspak.edu.pk Supplier: [To be filled after award]
SCC-17	Liquidated Damages: As per GCC Clause 3.18
SCC-18	Dispute Resolution: As per GCC Clause 3.22, with arbitration in Rawalpindi/Islamabad
SCC-19	Applicable Law: Laws of Pakistan
SCC-20	Language: English
SCC-21	IQ/OQ Requirement: Supplier shall perform Installation Qualification (IQ) and Operational Qualification (OQ) of all equipment through manufacturer-certified engineers
SCC-22	21 CFR Part 11 Compliance: All software for LC-MS/MS, HPLC, FT-IR, and data management systems must be fully 21 CFR Part 11 compliant

SECTION 5. SCHEDULE OF REQUIREMENTS

5.1. Scientific Equipment for Clinical Trial Unit (Drug Bioequivalence)

S/No.	Item Name	Qty
1	Blood analyzers, Simple and handy Micro Lab spectrophotometer	01
2	Soxhlet Heating Mantles, Electro thermal	02
3	Glassware Washer, Cub	01
4	Micro Pipettes	03 set
5	Refrigerated centrifuges	03
6	Linear® ELISA reader and washer	01
7	RO + Water Deionization unit/ system	01
8	Freezers, Deep- 25	10
9	Telemetry Monitors (Complete Set with full accessories)	04
10	Medical Crash Carts (with complete accessories)	04
11	Special purpose Medical Beds	64
12	Stretchers	04
13	Wheel Chairs	06
14	Magnetic Stirrer / Hotplates	04
15	PH Meter	03
16	Dissolution with Auto sampling	01
17	Vortex Fixed speed	05
18	Centrifuges	02
19	Hematology Analyzer 05 part	01

NUMS
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Annexure (A-1)

SECTION 6. TECHNICAL SPECIFICATIONS OF LAB EQUIPMENT

Ser No	Instrument Detail
1.	**Blood Analyzers**, • Fully automated, random access **clinical chemistry analyser** for routine and specialized testing • Suitable for clinical diagnostics, research, and bioequivalence studies • Bench-top or floor-standing compact system; CE-IVD and/or US FDA approved • Throughput ≥ 200 tests/hour (ISE optional module for Na^+, K^+, Cl^-) • Random access, continuous loading with STAT priority • Photometric, turbidimetric, and potentiometric (ISE) measurement principles • Multi-wavelength system • Sample types: serum, plasma, urine, CSF • Sample volume ≤ 2–30 µL (low volume preferred) • Automatic dilution, rerun, reflex testing • Liquid level detection, clot detection, probe crash protection • Built-in internal QC (IQC) with Levey-Jennings charts • Westgard rule application and auto QC validation • External quality assurance (EQA) compatibility • Auto calibration with traceability • Carryover ≤ 0.1% (high precision requirement) • CV ≤ 2% for most routine parameters • Data storage ≥ 100,000 results • Data export (CSV/PDF), audit trail • Touchscreen interface with multi-user login and role-based access • Starter kit of reagents, calibrators, and QC included • Power: 220–240V, 50 Hz; UPS compatibility required • Accessories: UPS (30–60 min), printer, workstation • Warranty: ≥2 years
2.	**Soxhlet Heating Mantles, Electro thermal** • **Type: Electrothermal Soxhlet heating mantle** • **Capacity:** 250 mL, 500 mL, 1000 mL (interchangeable sizes) • **Positions:** Single / multi-position (2–6 units) • **Temperature control:** Adjustable analog / digital control • **Max temperature:** Up to 450 °C • **Heating element:** Uniform electrothermal heating • **Controller:** Built-in energy regulator / PID • **Heating surface:** Fiber-glass insulated mantle • **Safety:** Overheat protection • **Insulation:** High thermal efficiency, minimal heat loss

	• **Power supply:** 220–240 V, 50 Hz • **Compliance:** GLP / GMP compatible • **Accessories:** Clamps, stands • **Warranty:** ≥2 years
3.	**Glassware Washer, Cub** • Type: Cub / under-counter glassware washer • **Capacity**: ≥100–150 pieces per cycle • **Chamber material**: Stainless steel (corrosion resistant) • **Wash levels**: Multi-level racks / adjustable trays • **Programs**: Multiple wash cycles (intensive, normal, rinse) • **Temperature range**: Up to 90–95 °C (wash/disinfection) • **Drying**: Hot air • **Control system**: Microprocessor / programmable control • **Display**: Digital LCD / touchscreen • **Water consumption**: Low water usage per cycle • **Detergent system**: Automatic dosing system • **Pumps**: High-pressure circulation pump • **Filtration**: Multi-stage filtration system • **Safety**: Door lock during operation • **Alarm system**: Error and cycle completion alerts • **Connectivity:** USB / RS232 • **Power supply**: 220–240 V, 50 Hz • **Compliance:** GLP / GMP standards • **Accessories:** Baskets, racks, injector modules • **Warranty**: ≥2 years
4.	**Refrigerated centrifuges** Ambient temperature +2-35°C, Maximum Speed 15200 rpm or better Minimum speed 300 rpm or better, Maximum RCF value 25830xg or better Maximum kinetic energy more than 62.5 or better, Noise level at maximum speed more than 63 dba or better, Temperature setting range -10 degree to +40 • **Type:** Laboratory refrigerated centrifuge • **Rotor type:** Fixed-angle and/or swing-bucket compatible • Speed programming in 10 RPM/ 10 xg steps • **Maximum speed:** ≥15,000 rpm or better • **Temperature range:** −20 °C to 40 °C • **Temperature control:** Digital microprocessor-controlled • **Temperature accuracy:** ±1 °C • **Acceleration / deceleration:** Programmable with soft start/stop • **Display:** Digital LCD / touchscreen for speed, RCF, time, temperature • **Capacity:** ≥ 24 × 1.5–2 mL microtubes fixed-angle rotor 12 Microtubes 5 ml With lid. • **Timer:** Programmable • **Rotor recognition:** Automatic rotor detection • **Safety features:** • Imbalance detection and auto shut-off • Lid lock during operation • Emergency stop • **Compliance:** GLP / GMP standards

	• **Power supply: 220–240 V, 50 Hz** • **Warranty: ≥2 years**
5.	**Linear® ELISA reader and washer** • **Type:** Microplate reader, 96-well format compatible • **Wavelength range:** 400–700 nm (filter-based or monochromator) • **Read modes:** Absorbance, optional fluorescence/kinetic • **Measurement method:** Single / dual wavelength, endpoint and kinetic readings • **Accuracy:** ±1 nm wavelength • **Precision:** CV ≤1.0% • **Sample capacity:** 96-well microplates • **Display:** Digital LCD / touchscreen interface • **Data storage:** Internal memory + USB / PC connectivity • **Software:** ELISA data analysis, curve fitting, standardization • **Temperature control:** Optional incubator for temperature-sensitive assays • **Wash modes:** Standard, rapid, manual, or user-defined programs • **Volume control:** Adjustable dispense and aspiration volumes (50–400 µL/well) • **Channels:** ≥8–12 channels simultaneous washing • **Cross-contamination prevention:** Anti-drip and independent aspiration • **Compliance:** GLP / GMP standards • **21 CFR Part 11:** Required if electronic records/logging included • **Power supply:** 220–240 V, 50 Hz • **Warranty:** ≥2 years

6.	**Micro Pipettes (Liquid Handling System Eppendorf)**
	• **Type:** Adjustable / fixed volume micropipettes
	• **Set composition:** Typical volumes:
	  • 0.5–10 µL
	  • 10–100 µL
	  • 100–1,000 µL
	  • 1–5 mL
	• **Accuracy:** ±1–3% depending on volume
	• **Precision (CV):** ≤1–2%
	• **Tip type:** Universal / filtered tips compatible
	• **Ergonomics:** Lightweight, anti-fatigue design
	• **Material:** Chemical-resistant, autoclavable components
	• **Calibration:** Pre-calibrated, adjustable if required
	• **Sterility:** Optionally sterile / RNase & DNase free
	• **Operation:** Manual or electronic pipettes included
	• **Compliance:** ISO 8655 standard
	• **Warranty:** ≥2 years

7.	**RO + Water Deionization unit/ system** • **Type:** Combined Reverse Osmosis (RO) + Deionization (DI) water purification system • **Capacity:** ≥100 L/hour or better • **RO stage:** Multi-stage RO membrane with ≥98% salt rejection, automatic flush • **DI stage:** Mixed-bed or separate cation/anion resin, resistivity ≥1–2 MΩ·cm • **Final water quality:** ≥18.2 MΩ·cm resistivity, TOC ≤5 ppb • **Bacteria control:** 0.2 µm final filter, endotoxin-free • **Storage reservoir:** 20–50 L with recirculation pump • **Dispensing:** Tap or foot-switch controlled, continuous supply • **Monitoring:** Digital display for resistivity, flow rate, UV lamp status (if applicable) • **Alarms:** Low water, filter/resin replacement, system faults

	• **Control:** Microprocessor-based with digital interface • **Power supply:** 220–240 V, 50 Hz • **Operation temperature:** 5–40 °C • **Compliance:** GLP / GMP, USP standards • **Maintenance: Easy cartridge replacement, low maintenance design** • **Warranty: ≥2 years**
8.	**Freezers, Deep- 25** • **Type:** Upright / chest deep freezer • **Temperature range:** −30 °C ±2 °C • **Capacity:** ≥500 litters or above • **Shelves / drawers:** Adjustable shelves or bins for sample organization • **Cooling system:** Forced air or static with efficient insulation • **Refrigerant:** Eco-friendly, CFC-free • **Compressor:** Heavy-duty, energy-efficient • **Temperature control:** Digital microprocessor-based controller • **Display:** Digital LCD / touchscreen • **Alarms:** High/low temperature, door ajar, power failure • **Data logging:** USB / RS232 connectivity • **Noise level:** ≤50 dB • **Door lock:** Key lock for security • **Defrost system:** Manual or semi-automatic • **Power supply:** 220–240 V, 50 Hz • **Compliance:** GLP / GMP standards • System status: Instrument health display • Visual and audible alarms: High/Low temperature, Electrical Power failure, Door ajar • Data logger, USB, Internal Data Storage • Connectivity: External Monitoring Compatible; , RS485 • Cryo gloves: ≥1 pair • Glove lining: Polyolefin with cotton inner • ISO 13485 Certified • **Warranty:** ≥2 years
9.	**Telemetry Monitors (Complete Set with full accessories)** • **Type:** Multi-parameter telemetry patient monitor • **Display:** High-resolution color LCD / touchscreen, ≥10 inches • **Parameters monitored:** • ECG (3/5 leads) • Heart rate (HR) • Blood pressure (NIBP & optional IBP) • SpO_2 (Pulse oximetry) • Respiratory rate (RR) • Temperature • Optional: CO_2, invasive pressures, arrhythmia detection • **Waveforms:** Real-time multi-lead ECG with telemetry transmission • **Alarms:** Visual and audible, fully adjustable for HR, SpO_2, BP, and arrhythmias • **Telemetry capability:** Wireless / wired data transmission to central monitoring station • **Data storage:** Internal memory for ≥72 hours of full parameter trends • **Battery backup:** ≥2 hours operation in case of power failure • **Accessories included:** • ECG cables and electrodes (disposable or reusable) • NIBP cuff set (adult, pediatric, neonatal) • SpO_2 sensors (adult, pediatric, neonatal)

	• Temperature probes • Carrying accessories and mounting brackets • **Connectivity:** Central station compatibility, optional integration with hospital EMR • **Compliance:** IEC 60601, ISO 13485, GLP / GMP standards • **Warranty:** ≥2 years
10.	**Medical Crash Carts (with complete accessories)** • **Type:** Fully equipped mobile crash cart for emergency response • **Construction:** • Durable, corrosion-resistant metal or ABS body • Lockable drawers and cabinet • Smooth-rolling caster wheels with brakes • **Drawers / compartments:** Multiple compartments for medications, instruments, and emergency supplies • **Included accessories:** • Airway management kits (ambu bag, masks, suction catheters, endotracheal tubes) • Defibrillator / AED storage space • Emergency medications (adrenaline, atropine, antiarrhythmics, etc.) • IV sets, syringes, needles, and cannulas • Monitoring accessories (BP cuffs, SpO_2 sensors, stethoscope) • Personal protective equipment (gloves, masks, gowns) • Miscellaneous tools (scissors, clamps, tape, sharps container) • **Mobility:** Smooth-rolling, lockable wheels for stability and easy transport • **Ergonomics:** Easy-access drawers, color-coded compartments for rapid response • **Safety features:** Lockable cart, spill-proof trays, organized labeling • **Power supply:** Optional built-in power strip for electrical devices • **Compliance:** ISO 13485, GLP / GMP standards for hospital and clinical use • **Warranty:** ≥2 years
11.	**Special purpose Medical Beds.** • **Type:** Adjustable hospital/clinical beds for patient monitoring • **Construction:** Durable metal frame with corrosion-resistant finish • **Bed surface:** High-quality, easy-to-clean mattress platform • **Adjustability:** • Backrest angle adjustable • Leg section adjustable • Height adjustment (manual or electric) • **Patient safety features:** • Side rails, foldable and lockable • Anti-slip mattress • Brakes on wheels for stability • **Mobility:** Lockable caster wheels for easy transport • **Weight capacity:** ≥150–200 kg • **Accessories included:** • IV pole • Over-bed table (optional) • Mattress • **Electrical supply (if electric):** 220–240 V, 50 Hz, battery backup optional • **Compliance:** ISO 13485, GLP / GMP standards for clinical use • **Warranty:** ≥2 years
12.	**Stretchers** • **Type: Patient transport stretcher for clinical/ward use** • **Construction:** Durable, corrosion-resistant metal frame with easy-to-clean surface

	• **Bed surface:** Padded, comfortable mattress for patient safety • **Adjustability:** • Backrest adjustable (manual or hydraulic/electric) • Height adjustable (manual, hydraulic, or electric) • Trendelenburg / reverse Trendelenburg optional • **Side rails:** Foldable and lockable for patient safety • **Mobility:** Heavy-duty caster wheels with brakes for stability • **Weight capacity:** ≥150–200 kg • **Accessories included:** • IV pole • Restraints / belts for patient safety • Oxygen tank holder • **Safety features:** Lockable wheels, anti-slip surface, secure side rails • **Compliance:** ISO 13485, GLP / GMP standards • **Warranty:** ≥2 years
13.	**Wheel Chairs** • Type: Standard / foldable patient wheelchair for clinical use • Construction: Durable, corrosion-resistant steel or aluminum frame • Seat & **backrest:** Padded, comfortable, easy-to-clean • **Armrests:** Fixed or flip-back for easy transfer • **Footrests:** Adjustable, removable or swing-away • **Wheels:** • Rear: Large, durable wheels for smooth movement • Front: Swivel caster wheels for easy maneuverability • **Brakes:** Rear wheel locking brakes for safety • **Weight capacity:** ≥150–200 kg • **Foldable:** For storage and transport (optional) • **Mobility:** Lightweight design with smooth rolling bearings • **Compliance:** ISO 13485, GLP / GMP standards • **Warranty:** ≥2 years
14.	**Magnetic Stirrer / Hotplates** • **Type:** Magnetic stirrer with hotplate • **Plate material:** Ceramic-coated / stainless steel • **Temperature range:** Ambient to ≥300 °C • **Temperature control:** Digital • **Temperature accuracy:** ±1–2 °C • **Stirring speed:** 100 – 1500 rpm • **Stirring capacity:** ≥1–5 liters • **Safety:** Overheat protection • **Power supply:** 220–240 V, 50 Hz • **Compliance:** GLP / GMP compatible • **Accessories:** PTFE-coated stir bars • **Warranty:** ≥2 years
15.	**PH Meter** • **Type:** Bench-top digital pH meter • **pH range:** 0 to 14 pH • **Resolution:** 0.01 pH • **Accuracy:** ±0.01 pH • **mV range:** ±1999 mV • **Temperature range:** 0 – 100 °C • **Temperature compensation:** Automatic (ATC)

	• **Calibration:** 2–5 point calibration • **Electrode:** Combined glass pH electrode • **Display:** Digital LCD / touchscreen • **Control:** Microprocessor-based system • **Data storage:** Internal memory • **Connectivity:** USB / RS232 / with compatible printer • **Functions:** pH, mV, temperature measurement • **Stability indicator:** Automatic endpoint detection • **Compliance:** GLP / GMP compatible • **Power supply:** 220–240 V, 50 Hz • **Accessories:** Buffer solutions, electrode stand • **Warranty:** ≥2 years
16.	**Dissolution with Auto sampling** • **Type:** Fully automated dissolution tester with auto-sampling • **Display:** Resistive touchscreen interface • **Vessels:** 14 vessels • **Stirrer positions:** 8 programmable positions • **Stirring speed:** 25 – 250 RPM • **Speed accuracy:** ±2% (preferably <1%) • **Stirrer shaft wobble:** ≤0.2 mm • **Heater range:** 25 – 45 °C • **Heater accuracy:** ±0.2 °C • **Temperature sensors:** Overheating protection included • **Auto-sampling:** Programmable intervals with fraction collector • **Software:** Data logging, dissolution profiles, USP/Ph. Eur. compliant methods • **Connectivity:** USB / RS232 / LIMS compatible • **Compliance: GLP / GMP / USP / Ph. Eur.** • **Power supply: 220–240 V, 50 Hz** • **Warranty: ≥2 years**
17.	**Vortex Fixed speed** • **Type:** Laboratory vortex mixer, fixed speed • **Operation:** Manual push-button or continuous mode • **Speed:** Fixed, typically 2,500 – 3,200 RPM (adjustable in some models) • **Orbit diameter:** ~4–5 mm • **Tube compatibility:** 0.2 mL – 50 mL tubes, microplates optional • **Motor type:** Brushless / maintenance-free motor • **Construction:** Corrosion-resistant, compact, anti-slip base • **Power supply:** 220–240 V, 50 Hz • **Warranty:** ≥2 years
18.	**Centrifuges** • **Type:** Benchtop centrifuge • **Sample types:** Plasma, serum, urine, other biological fluids • **Speed range:** 10 – 14,000 RPM • **Maximum RCF:** ≥22,000 × g • **Rotor capacity:** 24 × 1.5–2 mL microtubes fixed-angle rotor • 12 Microtubes 5 ml With lid • **Number of programs:** ≥99 programmable methods • **Acceleration / Deceleration:** Programmable soft start/stop for sample integrity • **Safety features:** • Lid lock during operation

	• Imbalance detection and auto-shutoff • Emergency stop • **Display:** Digital LCD / touchscreen for speed, RCF, time, and temperature • **Power supply: 220–240 V, 50 Hz** • **Warranty: ≥2 years**
19.	**Hematology Analyzer 05 part** **Analysis parameters : Whole Blood** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, RDW-SD, RDW-CV, PDW, MPV, P-LCR, P NEUT#, LYMPH#, MONO#, EO#, BASO#, NEUT%, LYMPH%, MONO%, EO%, BASO%, IG# **With RET** RET#, RET%, IRF, LFR, MFR, HFR, RET-He, PLT-O **Body Fluids** (CSF, Peritoneal, Pleural & Synovial Fluid) WBC-BF, RBC-BF, MN#, PMN#, MN%, PM TC-BF# **Measurement principles :** WBC DIFF/RET: Fluorescence Flow Cytometry WBC: Flow Cytometry RBC/PLT: DC Impedance method with hydrodynamic focusing HGB: Cyanide-free SLS method **Maralia Fl**: pRBC/IRBC malaria Flag for malaria screening detection. **Aspiration volume : 25 µL in WB mode, 70 µL in PD and BF mode** **Throughput : up to 60 samples/h in WB mode** **Data storage capacities :** Results: 100,000 samples Patient information: up to 10,000 records Calibration history: 20 times/ module QC files: 99 files including XbarM **Low WBC Mode :** Low WBC count for more reliable result to monitoring chemotherapy. **Warranty**: 02 Years **Online compatible UPS** **Quality Certified** Both CE Marked and FDA Approved

SECTION 7. CE Certificate in Tender Equipment Documents

Definition and Scope

CE Certificate (Conformité Européenne - European Conformity) is a mandatory certification mark that indicates a product complies with the essential requirements of relevant European Union (EU) health, safety, and environmental protection directives and regulations.

In the context of **medical/laboratory equipment tenders**, the CE certificate serves as a critical quality and safety assurance document that bidders must provide to demonstrate that their offered equipment meets internationally recognized standards.

Regulatory Framework

1. Applicable EU Directives for Medical/Lab Equipment

Equipment Type	Applicable Directive/Regulation
Medical Devices	Medical Device Regulation (MDR) 2017/745 (replaced MDD 93/42/EE
In Vitro Diagnostic Medical Devices	IVDR 2017/746 (replaced IVDD 98/79/EC)
Laboratory Equipment (Non-Medical)	Machinery Directive 2006/42/EC, Low Voltage Directiv 2014/35/EU, EMC Directive 2014/30/EU

2. Key Requirements for CE Marking

A CE certificate confirms that the equipment:

Requirement	Description
Safety	Does not pose a risk to users, patients, or the environment
Health	Meets biological safety and hygiene requirements
Performance	Performs as claimed by the manufacturer
Electromagnetic Compatibility (EMC)	Does not cause or suffer from electromagnetic interference
Electrical Safety	Complies with IEC 60601 series for medical electrical equipment

Types of CE Certificates in Tenders

1. CE Certificate of Conformity (Declaration of Conformity)

Aspect	Details
Issuing Authority	Manufacturer (self-declaration for lower-risk devices)
Content	Lists the EU directives complied with, standards applied, and product identification
Acceptability	Generally accepted for Class I and some Class IIa medical devices

2. CE Certificate from Notified Body

Aspect	Details
Issuing Authority	Independent third-party Notified Body (e.g., TÜV, SGS, BSI, DEKRA)
Required For	Class IIb, Class III medical devices, and all IVDs
Content	Verified assessment of quality management system and product conformity
Notified Body Number	The 4-digit number next to the CE mark (e.g., CE 0123)

Why CE Certificate is Mandatory in Tenders

1. Quality Assurance

Purpose	Explanation
Product Safety	Ensures equipment meets stringent EU safety standards
Reliability	Demonstrates consistent manufacturing quality
Performance Validation	Confirms equipment performs as specified

2. Regulatory Compliance

Requirement	Justification
PPRA Rules	Rule 23 requires technical specifications to ensure quality; CE certification supports this
Medical Device Regulations	Pakistan's DRAP recognizes CE marking for medical device registration
Public Sector Standards	Government tenders require internationally recognized certifications

3. Legal Protection

Aspect	Benefit
Liability	Reduces procuring agency's liability in case of equipment failure
Traceability	Provides clear chain of accountability to the manufacturer
Recourse	Enables legal recourse under international standards

CE Certificate Vs Other Certifications

Certification	Scope	When Required
CE (EU)	EU safety, health, environmental	For equipment manufactured in or sold to EU; widely accepted internationally
FDA 510(k) (USA)	US market clearance for medical devices	For US-origin equipment or when specified
ISO 13485	Quality management for medical devices	For manufacturers of medical devices
ISO 9001	General quality management	For all suppliers and manufacturers
MHLW (Japan)	Japanese medical device approval	For Japanese-origin equipment

SECTION 8. : ADDITIONAL ANNEXURES (FORMS)

Annex-1: BID FORM

Date: _____
Tender Ref: MS/Office of ED (R&C) NIASR/2026/2

To,
National University of Medical Sciences (NUMS)
The Mall, Abid Majeed Road, Rawalpindi

Subject: Submission of Bid for Supply of Lab Equipment for NIASR
Dear Sir,
Having examined the Bidding Documents (Tender Ref: NUMS/NIASR/LAB/2026-01), the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver the goods specified in conformity with the said Bidding Documents.

1. **Total Bid Amount (in words):** _____
2. We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Bidding Documents.
3. We agree to abide by this bid for a period of **150 days** from the date of bid opening, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
4. We have enclosed the following with this bid:

a) Bid Security of Rs. _____ in the form of DD/PO/CDR/Bank Guarantee No. _____ dated _____ drawn on _____ Bank.
b) Technical Proposal containing all required documents as per Checklist (Annex-8).
c) Financial Proposal in a separate sealed envelope.

5. We confirm that our firm is not blacklisted by PPRA or any government agency, and there are no pending criminal or civil proceedings against the firm or its directors that would affect our ability to execute the Contract.
6. We certify that the information submitted in this bid is true and correct. We understand that any false statement may result in disqualification, forfeiture of bid security, and blacklisting.
7. We understand that NUMS is not bound to accept the lowest or any bid and reserves the right to reject any or all bids without assigning any reason.
8. Until a formal Contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

Dated this _____ day of _____, 2026.

(Signature of Bidder) (Company Stamp)
Name:
Designation:
Company Name:
Address:
Phone: Mobile:
Email:
NTN: GST:

(Note: All pages of the Bid Form must be signed and stamped)

Annex-2: PRICE SCHEDULE

Tender Ref: MS/Office of ED (R&C) NIASR/2026/2

Bidder Name: _____

Date: _____

S/ No	Item Name and Descriptions	Make	Model	Country of Origin	Country of Manufacture	Qty	Unit Price (PKR)	Unit Price (FEC)	Currency USD/ EUR etc.	Exchange rate (in PKR)	Taxes / Duties (PKR)	Total Price with all Taxes / Duties (PKR)

Total Bid Value (in words): _____

Grand Total (Figures): PKR _____

Declaration:

1. We hereby certify that the above prices are correct, inclusive of all taxes, duties, insurance, transportation, delivery charges, and all other costs. No extra charges shall be claimed.
2. We confirm that the quoted prices are firm and fixed for the entire Contract duration.
3. The delivery period offered is:
   - Non-imported items: _____ days
   - Imported items: _____ weeks
4. The warranty period offered is: _____ years

(Signature of Bidder) (Company Stamp)

Name:

Designation:

Note: All pages of the Price Schedule must be signed and stamped.

Annex-3: MANUFACTURER'S SOLE AUTHORIZATION FORM

(To be provided on the letterhead of the Manufacturer)
Date: _____
To,
National University of Medical Sciences (NUMS)
The Mall, Abid Majeed Road, Rawalpindi

Subject: Manufacturer's Authorization for Tender Ref: NUMS/NIASR/LAB/2026-02

WHEREAS, **[Name of Manufacturer]**, a reputable manufacturer of **[Name of Goods]** having factories at **[Address of Factory]**, do hereby **exclusively authorize [Name and Address of Bidder]** to submit a bid, and subsequently negotiate and sign the Contract with you against the above-referenced tender for the goods manufactured by us.
We confirm that:
1. **[Name of Bidder]** is our **Sole Agent / Exclusively Authorized Dealer** for the National University of Medical Sciences, Pakistan.
2. We extend our **full guarantee and warranty** as per Clause 3.11 of the General Conditions of Contract for the goods offered.
3. The quoted model **[Model Number]** is currently in production and is not obsolete. The quoted model is available on our official website.
4. Spare parts for the quoted model shall be available for a minimum of **five (05) years** from the date of commissioning.
5. After-sales service shall be provided jointly with our authorized agent, and in case of change of agent, we shall provide the service ourselves or through a newly appointed agent.
6. Installation shall be conducted in conformity with system requirements by factory-trained engineers.
7. We shall provide factory training for NUMS personnel as specified in the tender.
8. We certify that the goods offered conform to the technical specifications mentioned in the tender.

(Signature for and on behalf of Manufacturer) (Company Seal)
Name:
Designation:
Date:
Phone:
Email:
Address:

Note:

- This letter must be signed by a person competent and having the power of attorney to bind the manufacturer.
- The signatory's authority must be evidenced by a certified copy of the Power of Attorney attached.
- Non-exclusive authorization shall be accepted only for general machinery where extensive after-sales service is not required, as specified in the tender.

Annex-4: BID SECURITY (BANK GUARANTEE FORMAT)

(To be provided on Bank's letterhead)

BANK GUARANTEE FOR BID SECURITY

Date: _____

Bank Guarantee No.: _____

To,

National University of Medical Sciences (NUMS)

The Mall, Abid Majeed Road, Rawalpindi

Tender Ref: NUMS/NIASR/LAB/2026-02

WHEREAS, **[Name of Bidder]** (hereinafter called "the Bidder") has submitted its bid dated _____ for the supply of **[Name of Goods]** under Tender Ref: NUMS/NIASR/LAB/2026-01 (hereinafter called "the Bid").

KNOW ALL MEN by these presents that WE, **[Name of Bank]** , having our registered office at **[Address of Bank]** (hereinafter called "the Bank"), are bound unto the National University of Medical Sciences (NUMS) in the sum of **[Amount in Figures and Words]** for which payment well and truly to be made to NUMS, the Bank binds itself, its successors, and assigns by these presents.

The conditions of this obligation are:

1. If the Bidder withdraws its Bid during the period of bid validity specified in the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its Bid by NUMS during the period of bid validity:

a) fails or refuses to execute the Contract Form in accordance with the Bidding Documents; or

b) fails or refuses to furnish the Performance Guarantee in accordance with the Bidding Documents;

then the Bank shall pay to NUMS the said sum upon receipt of NUMS's first written demand, without cavil or argument, any sum or sums within the limits of the guaranteed amount, without requiring NUMS to prove or show grounds for its demand.

This Guarantee shall be valid up to **[Date - 180 days from bid submission + 15 days]** .

Claims under this Guarantee must be received by us on or before the above-mentioned expiry date, failing which all rights under this Guarantee shall be forfeited.

(Signature of Bank Official) (Bank Seal)

Name:

Designation:

Bank:

Branch:

Address:

Phone:

Email:

Annex-5: PERFORMANCE GUARANTEE FORM

(To be provided on Bank's letterhead)
BANK GUARANTEE FOR PERFORMANCE SECURITY
Date: _____
Bank Guarantee No.: _____
To,
National University of Medical Sciences (NUMS)
The Mall, Abid Majeed Road, Rawalpindi
Contract No.: _____ **Dated:** _____

WHEREAS, **[Name of Supplier]** (hereinafter called "the Supplier") has undertaken, in pursuance of Contract No. **[Number]** dated **[Date]** , to supply **[Description of Goods]** (hereinafter called "the Contract").
AND WHEREAS, it has been stipulated in the said Contract that the Supplier shall furnish a Bank Guarantee for the sum of **[5%/10%]** of the total Contract amount as security for compliance with the Supplier's performance obligations under the Contract.
NOW, THEREFORE, WE, **[Name of Bank]** , having our registered office at **[Address of Bank]** (hereinafter called "the Bank"), hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of **[Amount of Guarantee in Words and Figures]** .
We undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limits aforesaid, without your needing to prove or show grounds or reasons for your demand or the sum specified therein.
This Guarantee is valid until the **[Date - Warranty Period + 60 days]** .
Claims under this Guarantee must be received by us on or before the above-mentioned expiry date, failing which all rights under this Guarantee shall be forfeited.

(Signature of Bank Official) (Bank Seal)
Name:
Designation:
Bank:
Branch:
Address:
Phone:
Email:

Annex-6: CONTRACT FORM

CONTRACT NO.: _____
DATE: _____
THIS CONTRACT is made on this _____ day of _____, 2026, between:
NATIONAL UNIVERSITY OF MEDICAL SCIENCES (NUMS) , having its office at The Mall, Abid Majeed Road, Rawalpindi (hereinafter referred to as the "Procuring Agency") of the First Part;
AND
[Name of Supplier] , a firm having its registered office at **[Address of Firm]** (hereinafter referred to as the "Supplier") of the Second Part.

WHEREAS the Procuring Agency invited bids for procurement of goods vide Tender Ref: NUMS/NIASR/LAB/2026-01;
WHEREAS the Supplier, being the Manufacturer/Authorized Supplier/Authorized Agent, offered to supply, install, and commission the required items;
AND WHEREAS the Procuring Agency has accepted the bid of the Supplier for the supply of goods in the sum of Rs. **[Amount in figures and words]** ;
NOW THIS CONTRACT WITNESSETH AS FOLLOWS:
1. Contract Documents
The following documents shall be deemed to form and be read as an integral part of this Contract:
a) The Bidding Document (Tender Ref: NUMS/NIASR/LAB/2026-01)
b) The Price Schedule submitted by the Supplier (Annex-2)
c) The Schedule of Requirements (Section 5)
d) The Technical Specifications (Section 6)
e) The General Conditions of Contract (Section 3)
f) The Special Conditions of Contract (Section 4)
g) The Notification of Award
h) The Bid and its clarifications
i) The Manufacturer's Authorization (Annex-3)
j) The Performance Guarantee (Annex-5)
k) Any undertaking provided by the Supplier
2. Scope of Supply
The Supplier shall provide the Goods and Services and remedy defects therein in conformity with the provisions of this Contract. The Goods and Services are fully described in the Technical Specifications and Schedule of Requirements.
3. Contract Price
The Procuring Agency shall pay the Supplier the Contract Price in consideration of the provision of Goods and Services, at the time and in the manner prescribed by this Contract. The Contract Price is fixed and firm for the entire duration of the Contract.
4. Terms of Payment
Payment shall be made in accordance with GCC Clause 3.12.
5. Delivery
Delivery shall be made in accordance with the delivery schedule specified in SCC-4.
6. Warranty
The Supplier warrants that the Goods are new, unused, and conform to the specifications. The warranty period and terms shall be as specified in GCC Clause 3.11 and SCC-5.
7. Anti-Corruption Declaration
The Supplier hereby declares that it has not obtained or induced the procurement of any Contract through corrupt or fraudulent practices. The Supplier certifies that no commission, gratification, bribe, finder's fee, or kickback has been given or agreed to be given in connection with this Contract.

8. Indemnity

The Supplier agrees to indemnify the Procuring Agency for any loss or damage incurred on account of corrupt business practices and further pay compensation equivalent to ten times the sum of any commission or gratification given.

9. Dispute Resolution

Any dispute concerning the interpretation or application of this Contract shall be settled through arbitration in Islamabad in accordance with the Arbitration Act, 1940.

10. Governing Law

This Contract shall be governed by the laws of Pakistan, and the courts in Islamabad shall have exclusive jurisdiction.

11. Force Majeure

Neither party shall be liable for failure to perform obligations under this Contract if such failure is caused by Force Majeure as defined in GCC Clause 3.20.

12. Termination

The Contract may be terminated in accordance with GCC Clauses 3.19, 3.20, and 3.21.

IN WITNESS WHEREOF, the Parties hereto have caused this Contract to be executed on the day, month, and year first above mentioned.

For and on behalf of NUMS	**For and on behalf of Supplier**
Signature:	Signature:
Name:	Name:
Designation:	Designation:
Witness-1:	**Witness-1**:
Name:	Name:
CNIC:	CNIC:
Address:	Address:
Witness-2:	**Witness-2:**
Name:	Name:
CNIC:	CNIC:
Address:	Address:

(Note: This Contract shall be executed on stamp paper of appropriate value as per Stamp Duty Act)

Annex-7: TECHNICAL COMPLIANCE STATEMENT

Tender Ref: MS/Office of ED (R&C) NIASR/2026/2

Bidder Name: _____

Instructions: Please indicate for each item the compliance status against the technical specifications in the tender document. Attach relevant catalogue pages as reference.

Sr. No.	Item Name	Specification Clause	Specification Requirement	Offered Compliance (Full/Partial/None)	Details of Compliance/Deviation	Page Ref in Catalogue

Declaration:

We hereby certify that the offered items fully comply with the technical specifications mentioned in the tender document, except as indicated in the "Details of Compliance/Deviation" column. Any deviation not disclosed herein, if found at any stage, may result in rejection of our bid and forfeiture of bid security.

We confirm that the quoted model is currently in production and is available on the manufacturer's official website.

(Signature of Bidder) (Company Stamp)

Name:

Designation:

Annex-8: CHECKLIST OF MANDATORY DOCUMENTS

Tender Ref: MS/Office of ED (R&C) NIASR/2026/2

Bidder Name: _____

Sr. No.	Document	Attached (Yes/No)	Page No.	Remarks
1	E-PADS Registration Proof			
2	NTN Certificate (Active Status)			
3	GST Registration Certificate			
4	Professional Tax Certificate (Punjab)			
5	Certificate of Incorporation / Partnership Deed			
6	Bid Security (2% - Original instrument)			DD/PO/CDR/BG No.:
7	Manufacturer's Authorization (for agents)			
8	OEM Certificate (for manufacturers)			
9	Affidavit of Non-Blacklisting (Annex-9)			
10	After Sales Service Commitment (Annex-11)			
11	Technical Catalogues/Brochures			
12	CE/FDA/ISO Certificates			
13	Certificate of Origin			
14	Power of Attorney for Signatory (Annex-14)			
15	Bid Form (Annex-1) - signed and stamped			
16	Technical Compliance Statement (Annex-7)			
17	Bidder's Profile (Annex-12)			
18	Integrity Pact (Annex-13) (if applicable)			
19	Proof of Experience (5 years)			

Declaration:

I/We certify that all the above-mentioned documents are attached and are true and correct to the best of my/our knowledge. I/We understand that any missing document may result in rejection of our bid.

(Signature of Bidder) (Company Stamp)

Name:

Designation:

Annex-9: AFFIDAVIT OF NON-BLACKLISTING

(On Stamp Paper of Rs. 100/-)

AFFIDAVIT

I, **[Name of Affiant]** , son/daughter/wife of **[Father's/Husband's Name]** , aged **[Age]** years, nationality **[Nationality]** , resident of **[Address]** , being the **[Designation]** of **[Company Name]** , do hereby solemnly affirm and declare as under:

1. That I am the authorized representative of **[Company Name]** and am competent to swear this affidavit.
2. That **[Company Name]** has submitted a bid for Tender Ref: NUMS/NIASR/LAB/2026-01 for the supply of Lab Equipment for NIASR.
3. That I hereby declare that **[Company Name]** has **not been blacklisted** by the Public Procurement Regulatory Authority (PPRA) or any other government department, agency, or organization in Pakistan or elsewhere.
4. That there are **no pending criminal or civil proceedings** against the company or its directors that would affect the company's ability to execute the Contract.
5. That the company is not under any declaration of ineligibility for corrupt and fraudulent practices.
6. That if this declaration is found to be false at any stage, NUMS shall have the right to:

a) Reject our bid immediately

b) Forfeit our Bid Security

c) Blacklist our company from future procurements

d) Initiate legal proceedings as per law

DEPONENT

(Signature)
(Name)
(Designation)
(Company Stamp)

VERIFICATION

I, the above-named Deponent, do hereby verify that the contents of this affidavit are true and correct to the best of my knowledge and belief, and nothing material has been concealed therefrom.

Verified at **[Place]** on this **[Date]** .

DEPONENT

Annex-11: AFTER SALES SERVICE COMMITMENT

(On Company Letterhead)
Date: _____
To,
National University of Medical Sciences (NUMS)
The Mall, Abid Majeed Road, Rawalpindi
Subject: After Sales Service Commitment for Tender Ref: NUMS/NIASR/LAB/2026-02
Dear Sir,
We, **[Company Name]** , hereby commit to provide the following after-sales services for the equipment supplied under the above-referenced tender:

1. Service Facility:
a) We have a fully equipped service workshop at **[Address]** in Rawalpindi/Islamabad.
b) Our service facility is equipped with all necessary testing and calibration tools as listed in our Technical Proposal.
c) The workshop has local landline telephone/fax facilities for customer contact.

2. Technical Staff:
a) We have **[Number]** qualified Biomedical Engineers stationed at Rawalpindi/Islamabad with the following minimum qualifications:

- B.Sc. Electrical/Biomedical Engineering or equivalent from HEC-recognized institution
- Minimum 5 years of experience in repair and maintenance of medical equipment
- Factory-trained by the respective OEMs

b) We have **[Number]** Biomedical Technicians with DAE/B-Tech qualifications and minimum 3 years of experience.
c) Details of staff qualifications and experience are attached as per the evaluation criteria.

3. Response Time:
a) We shall respond to service calls within **24 hours** (working days) of receipt of complaint.
b) Major breakdowns shall be rectified within **07 working days**.
c) Critical equipment shall be attended to within 12 hours.

4. Spare Parts:
a) We guarantee the availability of essential spare parts for a minimum of **05 years** from the date of commissioning.
b) A list of spare parts normally kept in stock is attached.
c) We maintain an organized inventory record of spare parts for each product.

5. Warranty Commitment:
a) We shall provide **03 years comprehensive warranty** covering all parts, labor, and travel costs.
b) We shall maintain a Log Book for all equipment recording breakdowns, maintenance, and repairs.
c) We commit to **95% uptime** during the warranty period as per GCC Clause 3.11.3.

6. Preventive Maintenance:
a) We shall carry out preventive maintenance as per manufacturer's recommended schedule.
b) A preventive maintenance schedule for each equipment shall be provided at the time of delivery.
c) Service manuals with circuit diagrams shall be provided for repair and maintenance.

7. Training:

a) We shall provide factory training for 01 Biomedical Engineer (for high-end equipment) at the manufacturer's facility.
b) We shall provide on-site clinical training for end-users (minimum 02 days).
c) All training costs (travel, accommodation, daily allowance) shall be borne by us.

8. Documentation:

a) We shall provide 2 sets of Operation and Service Manuals (hard copy) plus soft copies on CD/USB.
b) Service protocols and SOPs for repair and maintenance shall be provided.

We confirm our commitment to the above and agree that failure to provide these services shall make us liable for action as per Contract terms, including extension of warranty, liquidated damages, and blacklisting.

(Signature of Bidder) (Company Stamp)

Name:

Designation: