

STANDARD BIDDING DOCUMENT



**PIR ABDUL QADIR SHAH JEELANI INSTITUTE OF
MEDICAL SCIENCES, GAMBAT**

TENDER NAME:

**PURCHASE OF MACHINERY / EQUIPMENT FOR THE
ESTABLISHMENT OF CELLULAR AND GENE
THERAPY FOR CANCER TREATMENT**

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<u>BIDDING DATA SHEET</u>	
Procuring Agency	Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat
Address	Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat
Name of Tender	Purchase of Machinery/Equipment for Establishment of Cellular & Gene therapy Centre for cancer treatment
Bid Validity	90 Days, as per SPPRA Rule 2010 (Amended till date)
Amount of Bid Security	PKR. 10,000,000
Amount of Performance Security	2% of Total Contract Price
Last date of Selling of Bid	As published in newspapers/ on EPAD system
Date of Submission of Bid	As published in newspapers/ on EPAD system
Place of Submission	As published in newspapers/ on EPAD system
Venue of Opening of Bid	As published in newspapers/ on EPAD system
Bidding Procedure	Single Stage Two Envelope Procedure 46(2)
Advance Payment	Not Allowed
Inspection Authority	Nominated Inspection Committee
Required Item Quality	All items will be procured on approved Specification basis.
Place of Delivery	Research and Development Center PAQSJIMS Gambat



INSTRUCTIONS TO BIDDERS (I.T.B)

1. Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat invites sealed bids from Manufacturers/ Sole Agents/ Authorized Agent for Procurement of Machinery/Equipment for Establishment of Cellular & Gener Therapy for Cancer Treatment at Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat.
2. Bidding Procedure Single Stage - Two Envelope Procedure 46(2) as per SPPRA rule amended till date;
 - i. A Bid shall comprise a single package containing two separate envelopes. Each envelope shall contain separately the financial proposal and the technical proposal;
 - ii. Envelopes shall be marked as —**FINANCIAL PROPOSAL** and **TECHNICAL PROPOSAL** in bold and legible letters to avoid confusion;
 - iii. Initially, only the envelope marked —**TECHNICAL PROPOSAL** shall be opened;
 - iv. Envelope marked as —**FINANCIAL PROPOSAL** shall be retained in the custody of the procuring agency without being opened;
 - v. 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. No amendments in the technical proposal shall be permitted during the technical evaluation;
 - vii. Financial proposals of technically qualified bids shall be opened publicly at a time, date and venue announced and communicated to the bidders in advance;
 - viii. Financial proposal of bids found technically non-responsive shall be returned un-opened to the respective bidders; and Bid found to be the most advantageous bid shall be accepted.
3. Bidders are required to check that Tender Documents issued to them are complete in all respects as per table of content.
4. **LANGUAGE OF BID:** The bid prepared by the bidder, as well as all correspondence and documents relating to the bid exchanged by the bidder and the Procuring Agency shall be in English. Supporting documents and printed literature furnished by the bidder may be in another language provided these are accompanied by an accurate translation of the relevant passages in English, in which case for purposes of interpretation of the Bid, the translated version shall prevail.
5. Bidders are required to thoroughly review the table of contents and conduct a site visit at their own expense and responsibility to gather all necessary information before submitting their tender. Any missing details or specifications must be obtained from the Procurement Department before bidding. To ensure a comprehensive understanding of the project scope, infrastructure requirements, and potential site-specific cost implications, bidders must visit the project site before submitting their bids. The quantities listed below are approximate, and vendors are encouraged to assess the site and develop their proposals in accordance with international guidelines. Additionally, all allied areas, clean or dirty corridors, must be considered in the design of the clean room facility to ensure compliance with international standards. Each bid must include detailed technical drawings (shop drawings) that clearly demonstrate the bidder's understanding of the project scope. These drawings will be a key component of the bid evaluation to ensure technical compliance and clarity. Bidders must also submit comprehensive documentation, including: Air Handling Unit technical data sheet, Ducting plan, HAP data sheet. These documents must be submitted along with the technical. All submissions will be reviewed, evaluated, and approved before proceeding to the next stage of technical approval and financial opening. Once the tender is submitted, it will be assumed



- that no further clarification is required.
6. The original bid shall be typed or written in indelible ink by the bidder or person duly authorized. The person or persons signing the bid shall initial all pages of the bid. The name and designation of each person signing must be mentioned below the signature.
 7. No bidder shall be allowed to alter or modify his bid after the bids have been opened. However, the procuring agency may seek and accept clarification to the bids that do not change substances of the bids.
 8. The Procuring Agency may reject all bids or proposal at any time prior to the acceptance of a bid or proposal. The Procuring Agency upon request communicate to any supplier or contractor who submitted a bid or proposal, the grounds for its rejection of all bids or proposal, but is not required to justify those grounds.
 9. The quoted rates should include all costs of whatsoever description and expenses necessary for the whole work together with all risks, taxes, liabilities and obligations, specific or implied, in the Tender Documents. Arithmetical errors, if any shall be corrected and Tender price amended accordingly.
 10. No unauthorized alteration may be made in the Tender documents. If any such alteration is made, tender may be liable for rejection.
 11. Clarification, revision, addition or deletion, in the tender documents may be made by the authority before the submission and opening of Tender in the form of Addendum/ Corrigendum. This will be made only by formal Addendum/ Corrigendum issued by the concerned authority and will become part of the contract documents. Each Addendum shall be signed by the Vendor and returned with other Tender documents.
 12. The entire Tender Documents, listed duly priced, signed & stamped on each page and completed must reach at designated place in due time and dates as defined in the Bidding Data of the Tender.
 13. Contractor who will win the tender will be required to enter into a Contract Agreement as defined in the Form of Agreement.
 14. All manufactured and other items should be used in the work in accordance with the instructions, specifications in the Tender Document and also in accordance with generally accepted norms of good workmanship.
 15. For the purpose of comparison of bids quoted in different currencies, price shall be converted into Pakistani Rupees. The rate of exchange shall be the selling rate prevailing seven working days before the date of opening of the bids, as notified by the National Bank of Pakistan (NBP) / State Bank of Pakistan (SBP).
 16. No bidder shall contact the Procuring agency on any matter relating to its bid, from the time of the bid opening to the time the contract is awarded. If the Bidder wishes to bring additional information to the notice of the Procuring agency, it should do so in writing.
 17. **PROCURING AGENCY'S RIGHT TO VARY QUANTITIES** The Procuring Agency reserves the right to increase or decrease the quantity of stores originally specified in the Price Schedule and Schedule of Requirements without any change in unit price or other terms and conditions.
 18. The Procuring agency's evaluation of a bid will take into account, in addition to the bid price quoted, the following;
 - a) Incidental costs
 - b) Delivery schedule offered in the bid;
 - c) Deviations in payment schedule
 - d) The cost of components, mandatory spare parts, and service
 - e) The availability of spare parts and after-sales services for the equipment offered in the bid;



- f) The projected operating and maintenance costs during the life of the equipment; the performance and productivity of the equipment offered; and / or other specific criteria indicated in the Bid Data Sheet and / or in the Technical Specifications.

19. CORRUPT OR FRAUDULENT PRACTICES

- a) The Procuring Agency and the Bidders / Manufacturers / Contractors are expected to observe the highest standard of ethics during the procurement and execution of the Contract. In pursuance of this policy, the relevant terms / phrases as may apply are defined below: "**corrupt practice**" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in Contract execution; and "**fraudulent practice**" means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract to the detriment of the Procuring Agency, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial noncompetitive levels and to deprive the Procuring Agency of the benefits of free and open competition;
- b) The Procuring Agency will take all possible administrative / legal measures if it is found that the Bidder recommended for award was / is engaged in corrupt or fraudulent practice(s) before or after signing of the contract resulting into the conviction of the proprietor under criminal case besides blacklisting of the firm either indefinitely or for such period of time as may be determined by the Procuring Agency.
- c) Will declare a firm ineligible, either indefinitely or for a stated period of time, for the award of a Contract if it, at any time, determines that the firm has engaged in corrupt or fraudulent practices in competing for or in executing a Contract.

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SALIENT FEATURES / TERMS & CONDITION OF THE TENDER

1.	Name of Work & Address	:	Purchase of Machinery/Equipment for Establishment of Cellular & Gene therapy Centre for cancer treatment
2.	Place of Issuance of Tender	:	As published in newspapers/ on EPAD system
3.	Tender Reference #	:	INF-KRY: 4148/2025
4.	Method of opening of Tender	:	It will be Single Stage Two Envelope 46(2) basis as per SPPRA Rules 2010 (Amended till date).
5.	Venue of submission	:	As published in newspapers/ on EPAD system
a.	Opening of Tenders	:	As published in newspapers/ on EPAD system
6.	Date of Opening of Financial Proposals	:	As informed by Procurement Committee to all participants
7.	Validity of Tenders	:	90 days as per SPPRA Rules, 2010 (Amended till Date).
8.	Amount of Bid Security	:	A Pay Order/CDR or Bank Guarantee equivalent to Rs. 10,000,000/- from any Scheduled Bank must be submitted along with the Financial Proposal. A copy should also be attached to the Technical Proposal without disclosing the amount; otherwise, the offer will be rejected.
9.	Bid Currencies	:	Prices shall be quoted in foreign currency in CFR/CPT Karachi basis.
10.	Supply of Equipment	:	As mentioned in Schedule of Requirement Annex-C .
11.	Installation Period	:	It will start after receiving of equipment at site.
12.	Warranty & Maintenance Period	:	3 Years Warranty & Maintenance period should be start from the date of Installation report which satisfactorily signed by end user / Biomedical engineer.
13.	Contract Agreement	:	The Bidder / Contractor shall enter & execute a formal Agreement as per the "Form" annexed with such modification as may be necessary.
(a)			
(b)	Stamp Paper / duty requirement for Agreement.	:	Rs. @0.35% of the Contract Value or as prescribed by Government Laws.
14.	Terms of Payment to Contractors.		The payment will be made 100% via establishing the LC in favor of manufacturer/beneficiary/bidder at sight and receiving shipping documents/ Bill of landing,

			Insurance, Inspection certificate of the manufacturer, Country of origin, compliance of international standards of quality as per INCOTERMS of latest version. The payment will be made in the following manner through a letter of credit to be opened by the Procuring Agency. The procuring agency may define its own financial values for the establishment of LC, in case of any special requirement.
15.	Release of Bid Security	:	To un-successful bidders, after work is awarded. Bid Security will be released to successful bidder after purchase order is released but after Security Deposit is deposited.
16.	Security Deposit / Performance Security	:	The successful bidder will have to deposit the requisite Performance security Bond in shape of Bank Guarantee/Insurance Guarantee from reputable insurance company
17.	Release of Performance / Security Deposit	:	Performance guarantee will be released after satisfactory completion of warranty / maintenance period.
18.	Variation in Contract Price	:	Amount mention in Contract Agreement will prevail till execution and no variation in price shall be allowed on any ground including Currency Fluctuation/ Variation / Devaluation or whatsoever.
19.	Taxes	:	All taxes will be deducted as per prevalent laws of Country.
20.	Approved makes.	:	As mentioned in items individually.
21.	Special Note Regarding Equipment's	:	Technical offers / Commercial offers failing to demonstrate below details would be rejected: a. Quoted system must be of advanced & latest version. b. Tender must cover complete equipment. c. Tender must cover complete range of disposables/ kits d. Tender must provide all technical details up to the satisfaction of the end user. e. Items should be quality approved from the concerned international body of the respective industry.
22.	Training		Supplier will provide on-site successful training to all the personnel working on / operating the said Equipment / Machine as long as the need prevail.
23.	Maintenance.	:	Maintenance cost for all items for Period from the date of successful Installation shall be undertaken by the Contractor (Maintenance includes all Parts & Labor, etc. with Sufficient staff, during maintenance period).

24.	Default in Preventive Maintenance, Breakdown and Emergency Calls.	:	<ul style="list-style-type: none"> • In case of default by the Contractor with respect to maintenance, break down and emergency calls, the same will be carried out within 24 hours by the Procuring Agency and the cost so incurred will be paid from the Retention Money. • Moreover, an additional 10% of the amount spent would be charged from the concerned contractor being defaulter.
25.	Cost To Be Quoted as per B.O.Q.	:	• The Contractors shall be quoting CFR/C&F/CPT .
26.	Tax Exemption.	:	Purchase on C&F/CFR/CPT basis, the required Certificate will be issued by this office that the import has been made by this Institute on behalf of health department Govt. of Sindh, so as to avail the facility of exemption of duties / taxes, as per Government Rules / Policy according to the Sindh Public Procurement Rules, 2010 (Amended till date).
27.	Transportation	:	<p>The Bidder shall arrange such transportation of the goods as is required to prevent them from damage or deterioration during transit to their final destination as indicated in the Schedule of Requirements.</p> <p>The goods shall be supplied on CFR/C&F/CPT Basis at the Respected Site, whereas Miscellaneous charges on logistics, transportation, Insurance, clearing from sea port / airport to the final destination will be bound by the contractor(s).</p>
28.	Supply, Installation, Testing & Commissioning	:	Bidder / Contractor shall visit & inspect the site at their own expense and obtain all necessary information prior to submitting the tender. Any detail or information required should be obtained from Planning & Procurement Department before bidding. Once the tender is submitted, it will be assumed that no further clarification was required.

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TERMS & CONDITIONS OF TENDER

- a) Pir Abdul Qadir Shah Jeelani Institute of Medical sciences Gambat invites sealed bids on Single Stage Two Envelope Procedure as per clause 46(2) of Sindh Public Procurement Rules 2010 (Amended till date) from Interested Bidders for Procurement & Establishment of Cellular & Gene Therapy Facility at Pir Abdul Qadir Shah Jeelani Institute of Medical sciences Gambat with on Turnkey Basis. Some Integrated Medical Equipment's with Installation, Testing & Commissioning Complete Job.
- b) Tender Fee in shape of pay order in favor of Director Pir Abdul Qadir Shah Jeelani Institute of Medical sciences Gambat must be attached; else the offer will be rejected.
- c) The registered Contractors / Suppliers / Manufacturers / Authorized Distributors should attach **BID SECURITY** (as per amount mentioned under **Bidding Data**) in shape of Bank Draft / Bank Guarantee issued from any scheduled Bank of Pakistan in favor of Pir Abdul Qadir Shah Jeelani Institute of Medical sciences Gambat in the financial proposal. However, copy of same should be attached in technical proposal without showing the amount failing so the offer will be rejected.
- d) **PERFORMANCE SECURITY:** The successful bidders will have to deposit the requisite Performance Security Bond in the shape of a Bank Guarantee / insurance guarantee from reputable insurance company in favor of Pir Abdul Qadir Shah Jeelani Institute of Medical sciences Gambat (as per mentioned in salient features of this bidding document point # 17). The same will be released after successful completion of contract period as per point# 18 of salient features.
- e) Bid should be dropped at as published in newspapers/ on EPAD system by hand in due course of time and the same will be opened at as published in newspapers/ on EPAD system
- f) Bid / offer will be evaluated as per (**Technical Evaluation Criteria** Mandatory as **Annex-A** and (**Technical Evaluation Criteria** Marking as **Annex-B**) and also the bid's Terms & Conditions.
- g) Bid should be inclusive of all Government taxes (if applicable) and the same will be paid by the Contractor except withholding tax.
- h) The firm will be responsible for all supply of all awarded items as per supply order. If it fails, the Security Deposit will be forfeited.
- i) Procuring Agency shall disqualify a contractor, whether pre-qualified or not, if it finds at any time, that the information submitted by him concerning his qualification and professional, technical, financial, legal, or managerial competence as contractor was false and materially inaccurate or incomplete at any stage.
- j) The bid security will be forfeited to the Government, if the bidder withdraws his bid after opening and before the expiry of the bid validity period or fails to sign the contract in stipulated time if the bid is accepted.
- k) Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If the Supplier does not accept the correction of the errors, its bid will be rejected, and its bid security may be forfeited. If there is a discrepancy between words and figures, the amount in words will prevail.
- l) If bidder elects to submit alternate bid / proposal(s), the Bid Security shall be attached for higher bid amount; otherwise, both proposals / bids will be rejected.

- m) The Procuring Agency may reject all or any bid at any time prior to the acceptance of a bid or proposals, subject to the relevant provision of SPP Rules, 2010 (Amended till date).
- n) Bids shall remain valid for 90 days after the date of bid opening and same may be extended in terms of Rule 38 (2) (3) (4) of SPPRA Rules.
- o) No tender will be entertained without Security deposit. The Security deposit will be forfeited, in case of non-submission of Performance security within seven (7) days of receipt of letter of Acceptance.
- p) Bids submitted late due to any reason what so ever, shall not be considered and returned unopened to the bidder or his authorized representative.
- q) If the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in Bidding Data of the delivered price of the delayed Goods or unperformed Services for each week or part thereof delay until actual delivery or performance, up to a maximum deduction of the percentage specified in Bidding Data. Once the maximum is reached, the Procuring agency may consider termination of the Contract.
- r) The quoted rates should be valid till **30th June 2026**.
- s) The bidders shall quote their full and final price both in figure and in words.
- t) Distributor once nominated by the manufacturer / importer will be for the whole contract period and manufacturer / importer cannot change its distributor during the contract period in any case.
- u) The Procuring agency reserves the right at the time of contract award to increases / decrease & delete, the items / quantities of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions
- v) Quantities of tender items are on estimated basis and could vary according to the amount sanctioned, released and as per discretion of Procurement Committee.
- w) Firms may quote in a Joint Venture. One of the member who is responsible for performing the key function in executing major component of the proposed contract shall be nominated as Lead member during the bidding period and in the event of a successful bid, during contract execution. The Lead Member shall be authorized to incur liabilities and receive instructions for and on behalf of any and all members of Joint venture. This authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the members of the Joint Venture. All responsibility for successful completion of the scope of work as per tender documents shall be with the lead member.

I / We agree to above mentioned Terms & Conditions:

Name of Contractor: _____ Signature: _____

CNIC#. (Copy must be attached): _____

Full Address: _____

Company Stamp: _____



GENERAL CONDITIONS OF CONTRACT (G.C.C)

1. **Definition:** In this Contract, the following terms shall be interpreted as indicated:
 - a) "**The Contract**" means the agreement entered into between the Procuring Agency and the Bidder, as recorded in the Contract Form signed by the Parties, including all attachments and appendices thereto and all documents incorporated by reference therein
 - b) "**The Contract Price**" means the price payable to the Bidder under the Contract for the full and proper performance of its Contractual obligations.
 - c) **Goods** means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Procuring Agency under the Contract.
 - d) **Related Services** means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance, printing of special instructions on the label and packing, design and logo of the Procuring Agency, transportation of goods up to the desired destinations and other such obligations of the Bidder covered under the Contract.
 - e) "**GCC**" mean the General Conditions of Contract contained in this section.
 - f) "**SCC**" means the Special Conditions of Contract.
 - g) "**The Procuring Agency**" means the **Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat.**
 - h) "**The Bidder**" means the individual or firm supplying the goods under this Contract.
 - i) "**Day**" means official working day excluding national holidays.
2. **APPLICATION:** These General Conditions shall apply to the extent that they are not inconsistent with provisions of other parts of the Contract.
3. **STANDARDS:** The goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications goods eligibility criteria.
4. **USE OF CONTRACT DOCUMENTS AND INFORMATION:**
 - a) The Bidder shall not without the Procuring Agency's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern; sample, or information furnished by or on behalf of the Procuring Agency in connection there with, to any person other than a person employed by the Bidder in the performance of the Contract. Disclosure to such employed person shall be made in confidence and shall extend only, as far as may be necessary, to such performance and not further or otherwise.
 - b) Any document, other than the Contract itself, shall remain the property of the Procuring Agency and shall be returned (all copies) on completion of the Bidder's performance under the Contract.
 - c) The Bidder shall permit the Procuring Agency to inspect the Bidder's accounts and records relating to the performance of the Supplies.
5. **PATENT RIGHTS:** The Bidder shall indemnify the Procuring Agency against all third- party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the country.
6. **ENSURING STORAGE ARRANGEMENTS:** To ensure storage arrangements for the intended supplies, the Bidder shall inform the Procuring Agency at least two weeks prior to the



arrival of the consignments at its store/warehouse. However, in case no space is available at its store/warehouse at the time of supply, the Procuring Agency shall, seven days prior to such a situation, inform the Bidder, in writing, of the possible time-frame of availability of space by which the supplies could be made. In case the Bidder abides by the given time frame, he will not be penalized for delay.

7. INSPECTIONS, TESTS AND TRAINING:

- a) The Procuring Agency or its representative shall have the right to inspect and/or test the goods to confirm their conformity to the Contract specifications at the cost payable by the Bidder.
- b) The Procuring Agency's right to inspect, test and, where necessary, reject the goods either at Bidder's premises or upon arrival at Procuring Agency's destinations shall in no way be limited or waived by reasons of the goods having previously been inspected, tested, and approved by the Procuring Agency or its representative prior to the goods shipment from the manufacturing point.
- c) Bidder shall provide the training to the designated staff of the Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat for the smooth operation of the equipment / instruments. Training plan should be attached with the offer.

8. DELIVERY AND DOCUMENTS: The Bidder shall in accordance with the terms specified in the Schedule of Requirements make delivery of the goods.

9. INSURANCE: The goods supplied under the Contract shall be delivered to the Procuring Agency after the payment of all taxes and customs duty, access, control charges etc. Risk will be transferred to the Procuring Agency only after the delivery of these goods has been made to the Procuring Agency. Hence, payment of insurance premium, if any, shall be the responsibility of the Bidder.

10. TRANSPORTATION:

- a) The Bidder shall arrange such transportation of the goods as is required to prevent them from damage or deterioration during transit to their final destination as indicated in the Schedule of Requirements.
- b) The goods shall be supplied on "C&F/CFR/CPT" As per Supply order Store Department as per Schedule of Requirements on the risk and cost of the Bidder. Transportation including loading / unloading of goods shall be the responsibility of Bidder.

11. INCIDENTAL SERVICES: The Bidder will be required to provide to the Procuring Agency incidental services the cost of which should be included in the total bid price.

12. WARRANTY / GUARANTEE:

- a) **The term period of warranty / guarantee (mentioned in items specification individually)** from the date on which the Stores have been put into operation and demonstrated to the Institute staff. In any case this period shall not exceed six months beyond the warranty expiration period from the date of taking-over of goods.
- b) During the period of warranty / guarantee, the Contractor shall remedy, at his / her expense, all defects in design, materials, and workmanship that may develop or are revealed under normal use of the goods upon receiving written notice from the Institute; the notice shall indicate in what respect the goods are faulty.

- c) The provisions of this Clause include all the expenses that the Contractor may have to incur for delivery and installation of such replacement parts, material and equipment as are needed for satisfactory operation of the goods.
 - d) The contractor shall provide warranty / guarantee for supply of Machinery / Equipment etc. for at least 03 years (where applicable).
 - e) **The bidder shall separately quote the price of service contract inclusive of parts as well as excluding the parts for 5 years (post warranty / guarantee period) in term of %age for total contract value.**
 - f) In case of consumable items, kits, chemicals, films etc. the contractor shall remain responsible for specificity, efficacy & sensitivity with maximum period of expiry as much allowed by manufacturer.
 - g) The Procuring Agency shall promptly notify the Bidder in writing of any claims arising out of this warranty.
- 13. PAYMENT:** The method and conditions of payment to be made to the Bidder under the Contract are specified in **Salient Feature point # 14.**
- 14. ASSIGNMENT:** The Bidder shall not assign, in whole or in part, its obligations to perform to another party under this Contract, except with the Procuring Agency's prior written consent.
- 15. DELAYS IN THE BIDDER'S PERFORMANCE:** Delivery of the goods shall be made by the Bidder in accordance with the time schedule prescribed by the Procuring Agency in the Schedule of Requirements
- a) If at any time in the course of performance of the Contract, the Bidder encounters anything impeding timely delivery of the goods, he shall promptly notify the Procuring Agency in writing of the causes of delay and its likely duration. As soon as practicable, after receipt of the Bidder's notice, the Procuring Agency shall evaluate the situation and may, depending on merits of the situation, extend the Bidder's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the Parties by a supplementary Contract to be treated as an addendum to the original contract.
 - b) Any undue delay by the Bidder in the performance of its delivery obligations shall render it liable to the imposition of liquidated damages.
- 16. PENALTIES / LIQUIDATED DAMAGES:** In case deliveries are not completed within the time frame specified in the schedule of requirements / contract, a Show Cause Notice will be served on the Bidder which will be following by cancellation of the Contract to the extent of non-delivered portion of installments. No supplies will be accepted and the amount of Performance Guarantee / Security to the extent of non-delivered portion of supplies of relevant installments will be forfeited. If the firm fails to supply the whole installments, the entire amount of Performance Guarantee/Security will be forfeited to the Government Account and the firm will be blacklisted at least for two years for future participation in bids: The liquidated damage shall be 0.5 % per month or part thereof. The maximum amount of liquidated damages shall be 10% of the amount of contract. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, the Procuring Agency shall rescind the contract, without prejudice to other courses of action and remedies open to it.
- 17. TERMINATION FOR DEFAULT:** The Procuring Agency may, without prejudice to any other remedy for breach of Contract, by a written notice of default sent to the Bidder, terminate this

Contract in whole or in part if:

- a) the Bidder fails to deliver any or all installments of the goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency;
- b) the Bidder fails to perform any other obligation(s) under the Contract to the satisfaction of the Procuring Agency; and
- c) The Bidder, in the judgment of the Procuring Agency, has engaged itself in corrupt or fraudulent practices before or after executing the Contract.

18. FORCE MAJEURE: The Bidder shall not be liable for forfeiture of its Performance Guaranty/ Bid Security, or termination / blacklisting for default if and to the extent that this delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For the purposes of this Clause Force Majeure means an act of God or an event beyond the control of the Bidder and not involving the Bidder's fault or negligence directly or indirectly purporting to mal-planning, mismanagement and /or lack of foresight to handle the situation. Such events may include but are not restricted to acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, earthquakes, strikes, epidemics, quarantine restrictions and freight embargoes. If a Force Majeure situation arises, the Bidder shall promptly notify the Procuring Agency in writing with sufficient and valid evidence of such condition and the cause thereof. The Committee, constituted for redressing grievances, will examine the pros and cons of the case and all reasonable alternative means for completion of purchase order under the Contract and will submit its recommendations to the competent authority. However, unless otherwise directed by the Procuring Agency in writing, the Bidder shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek reasonable' alternative means for performance not prevented by the Force Majeure event.

19. TERMINATION FOR INSOLVENCY: The Procuring Agency may at any time terminate the Contract by giving written notice of one-month time to the Bidder if the Bidder becomes bankrupt or otherwise insolvent. In that event, termination will be without compensation to the Bidder, provided that such termination will not prejudice or affect any right or remedy which has accrued or will accrue thereafter to the Parties.

20. ARBITRATION AND RESOLUTION OF DISPUTES:

- a) The Procuring Agency and the Bidder shall make every effort to resolve amicably by direct informal negotiations any disagreement or dispute arising between them under or in connection with the Contract.
- b) If, after thirty (30) days from the commencement of such informal negotiations, the Procuring Agency and the Bidder have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred to the Arbitrator for resolution through arbitration.
- c) In case of any dispute concerning the interpretation and/or application of this Contract is to be settled through arbitration, the arbitrator to be appointed with the approval of the Institute's BOG. The decisions taken and/or award given by the sole arbitrator shall be final and binding on the Parties.

21. PACKING:

- a) The Bidder shall provide such packing of the Goods as is required to prevent their

damage or deterioration during transit to their final destination, as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

b) The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements.

22. GOVERNING LANGUAGE: The Contract shall be written in English language. All correspondence and other documents pertaining to the Contract, which are exchanged by the Parties, shall be written in English.

23. APPLICABLE LAW: This Contract shall be governed by the laws of Pakistan and the courts of Karachi - Pakistan shall have exclusive jurisdiction.

24. Bidder offering radiology equipment failing under compliance with Pakistan Nuclear Regulatory Authority (PNRA) should be registered with the authority to install and commission. All expense / fees for PNRA for clearance of X-ray based equipment shall be borne by the supplier (where applicable)

I / We agree to above mentioned General condition of Contract (GCC):

Name of Contractor: _____ Signature: _____

CNIC#. (Copy must be attached): _____

Full Address: _____

Company Stamp: _____



(ANNEX-A)**TECHNICAL EVALUATION CRITERIA (MANDATORY)**

(Bidders are required to submit following documents in mentioned sequence with Proper Tagging)

S.#	MANDATORY REQUIREMENTS	YES	NO
1.	Compliance of Terms & Conditions / Instructions mentioned in the SBD, must submit the entire STANDARD BIDDING DOCUMENTS, duly signed & stamped on each page with Technical Proposal. 1. Attached authorized person CNIC copy. 2. Signed & stamped each and every page of Terms & Condition & all bidding documents. (If above points compliance not found offer will be rejected).		
2.	Should be registered with Income Tax Department (Valid / Active NTN Certificate must be attached).		
3.	DRAP license showing importer of medical devices. (Where applicable)		
4.	Copy of Professional Tax 2024-25 (Attach Copy of Valid Certificate)		
5.	Copy of Registration Certificate of General Sales Tax. (Attach Copy of Valid Certificate).		
6.	PNRA Registration Certificate (Where Applicable)		
7.	Valid copy of Income tax and return for financial year 2022-23, 2023-24 and 2024-25		
8.	Audited Financial Statement for financial year 2022-23, 2023-24 and 2024-25		
9.	Recent Bank Account Maintenance Certificate.		
10.	Submission of undertaking on legal valid and attested stamp paper that the firm is not blacklisted and litigated by any institute of Federal, Provincial Government or any Department / Agency / Organization / Autonomous body or Private Sector Organization anywhere in Pakistan (Undertaking should be as attached sample as per Table of Content Point # 16) (ANNEX-F)		
11.	Copy of Pay order / CDR of Bid security should be attached along with bidding document in Technical Proposal without showing the amount.		

Note: Bidders NOT complying with any of the above eligibility mandatory requirement would be disqualified. All documentary evidence must be submitted along with the bids; no document will be acceptable after bid submission.



(ANNEX-B)**BID EVALUATION CRITERIA**

- a. **THE BIDS SHALL BE EVALUATED ON MOST ADVANTAGEOUS BID BASIS** SPPRA Rule-2(x) amended till date.
- b. The bids which are not responsive to the **MANDATORY QUALIFICATION CRITERIA** provided at **Annexure-A** shall not be eligible for further Technical Evaluation.
- c. If a bidder elects to submit alternative bid without enclosing a separate tender purchased slip / pay order and Bid security of requisite amount in shape of pay order, bid form and valid Manufacturer Authorization, all such alternative bids will be rejected as non-responsive.
- d. The bids shall be evaluated and compared on **ITEMIZED BASIS** exclusively. Technical evaluation of the products will be assessed on the standards / specifications given at **ANNEXURE**
- e. **Bids are invited as per Single Stage – Two Envelope Procedure** in accordance with sub rule 2 of rule 46 of the Sindh Public Procurement Rules, 2010 (Amended till Date). In case, any bidder encloses the financial bid within the technical bid, the same shall be rejected summarily.
- f. The following merit point system for weighing evaluation factors / criteria will be applied for technical bids / proposals. Bidders achieving minimum 70% marks will be qualified and considered only for further process / evaluation besides compliance of all mandatory clauses. Documentary evidence must be attached in support of your claim.
- g. Technically qualified/successful bidder(s) shall be eligible for Financial Proposal(s). The Financial bids shall be opened in the presence of the Bidders at the scheduled date, time and venue communicated in advance.
- h. Financial Bids of Proposals of Technically disqualified / rejected bidders will not be opened for financial bid and sealed envelope shall be returned to the bidder.
- i. Bids not accompanied by the Bid Security of required amount in the form of pay order shall be rejected.
- j. The technical evaluation carried out by the Procurement Committee, will be final, which will be assessed on experience basis of the Consultant(s) in the relevant specialty.
- k. Procuring Agency shall not be responsible for any erroneous calculation of taxes and all differences arising out shall be fully borne by the Successful Bidder.
- l. Marks obtained in the detailed technical evaluation will be carried forward band prorated. Tender will be awarded to the Responding Organization with maximum accumulative points (**Technical Score + Financial Score**).
- m. The formula for technical scoring is "**Technical Marks / Score = Total Technical Marks of the respective bidder x 0.8**".

- n. The formula for financial scoring is that the lowest bidder gets 20% Marks and the other bidders score 20 multiplied by the ratio of the lowest bid divided by the quoted price.

Total Allocable marks for Technical Proposal = 80

Total Allocable marks in Financial Proposal = 20

Total Combined Allocable Score for individual bids = Marks obtained in Technical Evaluation + Marks obtained in Financial Evaluation = 100

EXAMPLE:

TECHNICAL EVALUATION

The formula to calculate the technical points / marks / score of the bidder is given below:

Technical Marks / Score = Total Technical Marks of respective bidder x 0.8

- **Solved Example of Financial Scoring:**

Technical scoring out of 100 = 85

Carried Forward & Prorated Technical scoring = 85 x 0.80

FINANCIAL EVALUATION

The formula to calculate the Marks for the price by the bidders other than lowest bidder is given below:

- **Financial Evaluation Score of individual quoted Product:**

= [Lowest quoted price ÷ Next higher proposed price of the competing bid] x Total Allocable financial score

- **Solved Example of Financial Scoring:**

If the lowest quoted bid price is Rs. 86/- the same lowest will obtain score as below:

= [86 ÷ 86] x 20 = 20

= 20 marks being the lowest bidder for the quoted item

If the next higher quoted bid price is Rs. 105/- the marks obtained will be:

= [86 ÷ 105] x 20 = 16.38

If the next higher quoted bid price is Rs. 130/- the marks obtained will be:

= [86 ÷ 130] x 20 = 13.23 Marks and so on

TECHNICAL EVALUATION CRITERIA (MARKING)

Following evaluation factors/ criteria will be employed on technical proposals. The number of points allocated to each factor shall be specified in the Evaluation Report. Only bids securing minimum of 70% marks would be considered for further process.

S#	PARAMETERS / SUB-PARAMETERS	Marks for Evaluation	Total Marks
1	Conformity to the Purchaser's Specifications (Mandatory)		30
1.1	Fully compliant with the required tender specifications	30	
1.2	Compliant with minor deviation (up to 5 % subject to main function is not affected)	15	
1.3	Compliant with minor deviation (up to 10 % subject to main function is not affected)	10	
1.4	Above 10% / non-compliant to required specifications.	Disqualify	
2	Manufacturer's Authorization		5
2.1	Participating Firm is sole distributor and has registered branch / Liaison office in Pakistan and working relationship with manufacturer for more than 10 years.	5	
2.2	Sole Authorized Distributor in Pakistan for last 5 Years.	3	
3	Human Resource (Technical Staff)		15
3.1	Graduate Engineer with valid Professional PEC Registration in Biomedical, Electronics, Civil, Mechatronics, Mechanical, or Industrial Engineering. PEC Registration Card must be submitted. 2 marks per Engineer. Evidence of salary transfer from the company account must be attached, along with the engineer's name on the company's PEC Certificate.	4	
3.2	Graduate Engineer with PEC Registration in biomedical, electronics, civil, mechatronics, mechanical, industrial must be registered with PEC. PEC registration card of the engineer must be submitted. (1 mark for each Engineer)	5	
3.3	PEC Certificate in the below listed Category; with the fields of specialization codes: BC01, BC04, CE01, CE04 CE08, CE09, CE10, ME-01, ME-02, ME-03, ME-04, ME-06, EE-01, EE-02, EE04, EE09, EE 11		6
a.	C1 or above	6	
b.	C3 or above	2	
c.	C4 or below	0	
4	Scientific Studies/Clinical Experience		15
4.1	10 published scientific studies of similar project from USA Europe Japan	10	
4.2	At least 5 reference sites in USA Europe Japan	5	
5	Experience/ Certification		25
5.1	USA Food & Drug Administration (USA-FDA) or European Community (CE)	5	

(Handwritten signature)

5.2	ISO 13485 or ISO 9001	5	
5.3	Demonstrate capability to undertake turnkey project each of value 500 million or above and scope of work must include Civil and / or MEP Works along with Medical Equipment for reputable private / public tertiary care Hospital in Pakistan during last 5 years (Completed & Ongoing projects), completion certificate / award letter required. 5 marks for each	15	
6	Annual Turnover during last three (03) financial years average (Audited Statements of Accounts and Income Tax Return Forms must be attached as supporting documents)		10
6.1	Turn over above PKR 2 billion	10	
6.2	Turn over above PKR 1 billion	5	
6.3	Turn over above PKR 500 million	2.5	
6.4	Turn over above PKR 250 million	1.5	
6.5	Turn over below PKR 150 million	0	
GRAND TOTAL			100

(ANNEX-C)

SCHEDULE OF REQUIREMENT
PURCHASE OF MACHINERY / EQUIPMENT FOR THE
ESTABLISHMENT OF CELLULAR AND GENE
THERAPY FOR CANCER TREATMENT

A. GOODS SUPPLIED ON (CFR/CNF/CPTBASIS)

The entire quantity of the ordered goods shall be delivered within **12 Weeks** or earlier from the date of issuance of supply order / contract award. **(16 weeks above period supply not acceptable and the offer will be rejected).**

- i. The delivery period shall start from the date of Award of Contract / Contract Agreement.
- ii. Specify penalties for delays beyond 20 weeks, linked to liquidated damages.



(ANNEX-D)SPECIAL NOTE

1. Offered product's specifications sheet on company's letter head must be attached.
2. Item-wise / Feature-wise product compliance / deviation statement must be attached.
3. Specifications are indicative; equivalent or better alternatives accepted if demonstrated equivalent.
4. **Confirm delivery period must be specified.**
5. Port of Shipment and Country of origin of "**MAJOR PART(S) OF THE EQUIPMENT**" must be clearly reflected separately in the Technical and Financial bids. The Origin means the place where the —goods are mined, grown, or produced.
6. Product specifications are only for widest possible competition and not to favor any single contractor or supplier nor put others at a disadvantage. However, the brand name, catalogue # / Name etc., if any, have only been used for the reference purpose. Equipment offered "**ATLEAST EQUIVALENT OR HAVING BETTER SPECIFICATIONS**" shall also be considered.
7. Equipment must be quoted with all the standard accessories, required for the operation of the equipment.
8. Quoted equipment should be of latest Model.
9. Submission of Integrity pact and Affidavit.
10. The bidder shall separately quote the price of service contract inclusive of parts as well as excluding the parts for 5 years (post warranty / guarantee period) in term of %age for total contract value (mandatory).

I / We agree to above mentioned all clauses;

Name of Contractor: _____ Signature: _____

CNIC#. (Copy must be attached): _____

Full Address: _____

Company Stamp: _____

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TECHNICAL SPECIFICATIONS

1 GMP FACILITY FOR MANUFACTURING OF CAR-T CELL THERAPY

WALL PANELING IN CLEAN ROOM FACILITY FOR CAR-T CELL THERAPY (280 SQ.M APPROX/ AS PER SITE REQUIREMENTS)

Powder Coated Stainless Steel Wall Panel System for Clean Room

- GALVANIZED STEEL wall panel system of sheet thickness min 1 mm.
- Powder coated in antimicrobial RAL color of user choice
- Invisible mounting of the panel to the substructure with screws.
- Panels thickness 21mm-50mm or better
- Must allow easy assembling/ dismantling of for future changes on the back of wall panel.
- Galvanized steel U-profile sub-structure should be used for connection to concrete elements of the building and wall panels
- Substructure system must allow for installation of medical gases, and services on back.
- coved corner panels must be made of one steel sheet to avoid bacteria colonies and easy cleaning. Must be smoothly integrate with the wall panels on the sub-structure to give perfect finishes between wall to wall and wall to ceiling connections.
- Wall to wall and wall to ceiling connections Should be rounded / coved made.
- Corner panels (inner and outer) are made of one steel sheet.
- 3-6 mm gaps for screws/unscrew less covered with removable or fix silicone hermetic seal resistant to UV, detergents, bactericidal products, water, steam and chemicals used to LAB
- Floor skirting are made of galvanized steel sheet of appropriate thickness with base height 100mm.
- 1 Complete Glass Wall patriation 5mm Thick

Origin: Europe, USA, Japan or Equivalent

STAINLESS STEEL MEDICAL CABINET FOR STORAGE QTY : 2

- The cabinet body must be stainless steel 304 1 mm thick and self-supporting,
- Smooth body with no edges and welded on all sides and no inside frames and rivets etc.
- Cabinet easy to integrate and completely flushed with wall panel system.
- The cabinet body and doors are flushed with wall panel surface.
- Cabinets are sealed with a hermetic removable silicone seal with antibacterial silver ions additive
- Double wing Cabinets door with self-closing stainless-steel hinges
- Wide angle opening door to min. 120° or better.
- Doors with Safe Glass, fitting in double steel sheet window frame.
- Doors window with safe glass, min. 6 mm thick, smooth door edges, no rivets, screws, etc.
- Must be zero dirt penetration. Equipped with rubber seals, fixed (pushed in) on the door wing (using adhesives is not allowed).
- Stainless steel 304, 1mm thick Height adjustments shelves.
- Back wall and shelves shall be supported from bottom by trapeze profile to avoid bulging of the steel.
- Height adjustable feet to allow for leveling of the cabinet.
- All edges are rounded and safe to prevent bacteria colonies and easy cleaning.
- External Dimensions – 1200 x 450 x 2100 mm or as per site requirement
- Customized as per end user requirement and approval

Origin: Europe, USA, Japan or Equivalent

MEDICAL GRADE CLEAN ROOM METAL CEILING SYSTEM FOR LABS QTY: 260 SQ.M APPROX/AS PER SITE REQUIREMENT)

Galvanized steel 0.5mm thick clip-in ceiling system with antimicrobial powder coated front surface in specified color.

- Rounded/ coved wall to ceiling connection to avoid bacteria colony growth.

- Smooth integration with ceiling fixtures and Laminar flow with hygienic finish
- Galvanized Steel allowing easy and quick assembling / dis-assembling.
- Galvanized steel substructure connected by clamps, made of supporting and cross profiles for stable construction.
- Suspension points correspond with ceiling grid and infrastructure installation.
- Easy removal and replacement of ceiling panels.
- Grid size of 600 x 1200 mm or 600x600mm
- Equivalent or better Specification

Origin: Europe, USA, Japan or Equivalent

CLEAN ROOM PERIPHERAL LIGHTS FOR LABS QTY: 35/ SITE REQUIREMENT

Lamp: LED

Power: 100W /54W

Colour Temperature: 4000K

Luminary Life: 50,000 Hrs.

Protection Class: IP65/54

Dimension: 600X1200mm or 600x600

Origin: Europe, USA, Japan or Equivalent

STAINLESS STEEL WITH POWDER COATING AUTOMATIC SWING/SLIDING DOOR WITH ACCESS CONTROL QTY 5

- Door wing with 1.5mm Stainless Steel 304, fully closed construction
- Minimum 40mm brushed finish or powder coated as per end user requirements
- "C" shaped long handles Stainless Steel from external side and recessed type handle from inside
- Stainless Steel 304, 1.5mm thick sheet Door Frame SS finished or powder coated in any RAL color. Made in inner and outer parts to smoothly mix with the concrete wall and modular system.
- Inspection electronic fogging Window 400 x 600 mm double glazed with operating switch on door frame.
- 2 pair photocell sensors in door frame
- Long bar switch on both sides of door for opening.
- Touch less sensors are on one side of the door for ease of opening after scrubbing.
- Stainless Steel switch with LED Ring light Symbol provided inside and outside of the door frame for full, partial and permanent opening. Program key must be provided for program selection.
- Imported door drive of famous brand that should have the ability to be program for full and half opening
- Integrated back-up module to open the door wing in case of power failure.
- Access Control should be provided.
- Door Dimension – 1500 x 2100/1050x2100 mm or as per the size requirements

Origin: Europe, USA, Japan or Equivalent

HOMOGENOUS VINYL FLOORING AS PER DRAWING /SITE REQUIREMENT /290 SQ.M APPROX

- Homogenous Vinyl Flooring
- Tile size: Roll for Control & Equipment room
- Size: Roll for corridor
- Minimum thickness: 2 mm
- Chemical resistant ISO 26787 / EN 423,
- Slip resistance rating is R9 according to DIN 51130.
- Floor must give hygienic and outstanding finishes suitable for operating rooms.
- Coved edges at the wall with factory molded corners
- Able to connect with grounding point inside the LAB
- Should have Clean Room Particle Emission: ISO 14644-1/ISO 4 or better
- Anti-static surface
- Self-Leveling, Bond & Welding Rod should be provided from same Manufacture.

Origin: Europe, USA, Japan or equivalent

LAMINAR AIR FLOW CEILING DIFFUSERS WITH HEPA FILTERS

Designed to provide air filtration and distribution in one-unit Viruses, bacteria and dust particles are filtered out of the airstream immediately before the air outlet, eliminating the risks associated with central system filtration, such as cross contamination in the ventilation ducts. Must be ideal for use wherever clean air or a germ-free atmosphere is needed, such as Operating Theatres, Treatment Rooms, Intensive Care Units, Sterile Zones, Isolation Areas and Lab Areas.

TECHNICAL DATA

- Housing RAL 9010 powder coated
- Connection for pressure drop measurement / DEHS test
- Connection for filter tight test
- Ceiling supporting angle
- Swirl Diffuser
- HEPA filter type
- Air Volume: 600m³/hr.; QTY: 44
- Size: 24x24inxh
- Air Volume: 500m³/hr.; QTY: 3
- Size: 22x22inch

Origin: EU, USA Japan or equivalent

RETURN/EXHAUST AIR QTY:10

Stainless Steel SS 304 with 1mm frame thickness. Stainless steel fluff separator wire mesh in accordance with DIN EN 9044 with rigid stainless-steel frame. Must be easily removable for cleaning and disinfection purposes.

TECHNICAL DATA

- Air Flow: as per design of vendor
- Air Velocity: 2.5 m/s
- Size:370x370mm

Origin: LOCAL MADE

RETURN/EXHAUST AIR QTY:10

Stainless Steel SS 304 with 1mm frame thickness. Stainless steel fluff separator wire mesh in accordance with DIN EN 9044 with rigid stainless-steel frame. Must be easily removable for cleaning and disinfection purposes.

TECHNICAL DATA

- Air Flow: as per design of vendor
- Air Velocity: 2.5 m/s.
- Size1070X370mm

Origin: LOCAL MADE

HYGENIC AIR HANDLING UNIT (QTY 2)

Galvanized square steel tubes frame, to avoid thermal bridges and best thermal performance of the casing. Double-skin panels made of galvanized steel sheet, with 50 mm insulation by synthetic profiles for excellent thermal insulation and lowest thermal bridging. Powder-coated surfaces on outside and inside. Simple and quick to clean, easy for maintenance with integrated Stainless-Steel drip-tray, 80 mm slope. Smooth, with no depressions.

Each section with U shaped base frame of 100mm.

SS 304 Laser welded drain pan, integrated into the unit's floor sloped to all sides and a drain connection at its lowest point.

Technical Data of Casing -

Compliant to DIN EN 1886 are acceptable.

Thermal Transmittance: Class T2 or better

Thermal Bridging: Class TB1 or better

Casing Leakage: Class L1(M) or better

Filter bypass leakage: Class F9 or better

Casing deflection: Class D1/D2 or better

TECHNICAL DATA

Hygienic Weather Proof

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Floor Inside: SS 304
 Powder Coated Panel Inside
 Airflow: As per provided AHU Schedule
 Air velocity: V1 according to EN13053
 stage Filtration- AS per Schedule
 Plug fan with European quality EC Motor vibration isolated
 Operating Voltage: 400 V | Frequency: 50 Hz
 Protection class / ISO-Class: IP 55 / ISO F
 Cooling Capacity: As per Provided AHU Schedule
 Heating Capacity: As per AHU Schedule / Built-in Modulating
 Outdoor Temperature (summer/winter): 45.0°C / 5°C
 Indoor Temperature Conditions: As per AHU Schedule
 Indoor Relative Humidity Conditions: As per AHU Schedule
 Humidifier: As per AHU Schedule / Built-in
 EUROVENT Energy Efficiency Class: A

Note:

Pressure measuring connections at each filter stage with Magnehelic gauges. Measuring pipe with connection to the maintenance side Isolated Duct Connectors, Galvanized Steel Dampers (SA, RA, OA), Terminal box with wiring for fan and electric heaters.
 The Bidder are required to share the Technical Data Sheet of Ahu along with Drawing & HAP DATA Sheet with the bid. For More Detail,
 please Refer to Attached Schedule for more Detail.

Origin: Europe, USA, Japan or Equivalent

APPARATUS CONTROL PANEL (Locally Supplied)

Dedicated apparatus control panel to control its respective with components mounted in a logical order based on the sequence of operation. The panel must be equipped with all components as specified by the AHU manufacturer for the satisfactory operation of the Air Handling Unit.

FEATURES

- Floor Standing, Powder Coated and Comply to IP-42
- Proper Ventilation and Door Locking Arrangement.
- Separate Neutral & Earth Bars/Terminals.
- Proper Cable dressing, Tagging & Cable tying Arrangement.

DIRECT DIGITAL CONTROLS FOR HVAC SYSTEM (QTY: AS PER REQUIREMENT OF EACH AHU, CHILLER, PUMP)

Air handling Unit will be remotely controlled through a Direct Digital Controller for a high level of control of the HVAC system. Able to be connected with building BMS and can be access able for remote monitoring and control. System equipped with Direct digital controller and area Sensor for Temperature & Humidity, inside lab Supplier should ensure provision of following features for DDC control system complete in all respects

- 1x DDC controller
- Separate starter signal for each heater start stage with modulation and starter status feedback
- 1x Separate starter signal for humidifier with starter status feedback
- 1x Separate starter signal for AHU fan motor with starter status feedback
- 1x humidity & temperature sensor for Lab without screen.
- 1x fan run status sensors
- 1x duct temperature Sensors
- 1x low pressure filter sensor for Laminar HEPA Filters pressure differential monitoring
- 1x low pressure sensor for Room pressure differential monitoring
- Pressure sensors for monitoring differential pressure monitoring across each filter stage
- 1x Smoke sensors for smoke status monitoring
- 1x Fire stat for fire status monitoring.

Rone

- 1x Operation & Monitoring of DDC control system with integration with control panel
- 1x Operation & Monitoring of DDC control system with Touch Screen User Interface with Built-in humidity & temperature Sensor for corridor
- 1x powerful, high-speed router/gateway to connect control modules to BACnet/IP backbone. Support for BACnet/IP, BACnet over Ethernet, BACnet over ARC156, and BACnet over MS/TP communications
- Display of respective temperature, humidity, and differential pressure values and filter status for each respective AHU.

GENERAL INSTRUCTIONS

- AHU should be independent with absolutely no hard ware or software connectivity or interference with other AHU.
- Bacnet connectivity for chiller with Network.
- Central monitoring of network
- HMI with local Display with license
- Independent Controller for handling Unit with absolutely no sharing with other AHU.
- All monitoring sensors must be connected to main controller.
- Standard spare I/O points at least 10-15%
- Best quality Stranded, BC, PP/PVC, Shielded, Security and Commercial Audio Cable for sensor connectivity.
- Best quality communication cable for communication network connectivity
- Technical details of sensors with Drawing & Brochure for Verification.
- IP-65 rated Imported DDC Panel

Communication and integration of the system through extremely powerful, high-speed router/gateway to connect hundreds of control modules to a BACnet/IP backbone. Must allow a wide range of open and proprietary protocol translator drivers to allow to serve as a gateway to other manufacturers' equipment. Fully programmable, and able to execute complex control strategies for high-level system integration. The suppliers are required to share the theme and BOQ with the bid.

Origin: Europe, USA, Japan or Equivalent

HVAC DUCTING WORKS (Locally Supplied) QTY: AS PER SITE REQUIRMENTS

- All duct work shall be of galvanized steel sheet unless otherwise indicated on Drawings. Galvanized steel shall be of lock forming quality (LFQ) and shall have a galvanizing coating of 245 grams (G80) total for both sides of one square meter of sheet with regular spangles. The G.I. sheet shall conform to ASTM A-924 and ASTM-90.
- Structural Steel shall be M.S. members rolled from Pakistan Steel billets or equivalent.
- Fabrication, Installation, Insulation, testing and commissioning of GI sheet metal duct work complete in all respect with hangers, supports, bracing and fixing accessory in accordance with the final approved ducting drawing.
- Ducting: GI Sheet: 22 AWG
- Cladding: GI Sheet: 24 AWG
- Volume Control Damper: GI 18 AWG
- Grills & Diffusers: GI 18 AWG

INSULATION (Imported) QTY: AS PER SITE REQUIRMENTS

Polyolefin Rolls and Sheets should be made of closed cell cross linked polyolefin foam that controls condensation, has high thermal efficiency and sound absorption. They should be made up of a sandwich product that is composed of foam, alupet foil and self-adhesive backing

Technical Specification (For Inner Duct)

Fire rated "CLASS 0" as per BS 476 Parts 6 & 7

Thickness 12mm

Very low water vapor permeance (0 perms)

Water tight due to the pre-applied Alupet foil

High thermal efficiency ($\lambda[W/(m \cdot k)]$) 0.032 – 0.035

(23 °C – 45 °C)

Wide temperature range (from -50 °C to +105 °C)

Chemical resistance – resistant to most chemicals (sodium, silica, fluoride, chloride, etc.)

Antibacterial & antifungal

Environmental friendly – ODP = 0 and GWP < 5

Very low VOC emission level (< 4 $\mu\text{g}/\text{m}^2/\text{hr}$ in 24 hours)

Good mechanical resistance

Sound absorption properties
 Easy and fast to install
 Aesthetical look

OUTER DUCT INSULATION: QTY: AS PER SITE REQUIRMENTS

Insulation foam should be made of closed cell cross linked polyolefin coated with a strong and durable jacketing which replaces costly and complex aluminum, zinc plated steel or stainless-steel sheet facings
 UV and corrosion resistance
 Fire rated "CLASS O" as per BS 476 Parts 6 & 7
 Thickness: 25mm
 Very low water vapor permeance (0 perms)
 Water and water vapor resistant
 Very low water absorption rate (<0.11% by volume)
 High thermal efficiency (λ [W/(m•k)] 0.034 – 0.036
 (24 °C – 46 °C)
 Wide temperature range (from -80 °C to +100 °C)
 Chemical resistance – resistant to most chemicals (sodium, silica, fluoride, chloride, etc.)
 Antibacterial & antifungal
 Environmentally friendly – ODP = 0 and GWP < 5
 Very low VOC emission level (< 4 µg/m²/hr in 24 hours)
 Good mechanical resistance
 Easy and fast to install
 Aesthetical look
 Supply air Diffuser for control Room

EXHAUST FAN, PUMP & CHILLER QTY: AS PER PROVIDED SCHEDULE

Please Refer to attached Schedule
 Origin: Europe, USA, Japan, Canada or Equivalent

UVC AIR-DISINFECTION LIGHT FOR AIR-DUCT

IN DUCT PURIFICATION UV AIR STERILIZATION SYSTEM, the patented UV provides a "barrier wall" of UV energy, destroying biological contaminants passing through it. Equipped with 40" Long 5 High Intensity 19mm lamps, which are mounted to Anodized Aluminum Parabolic Reflectors that reflect the full 360° of Germicidal Radiation. The lamps and extrusion are mounted parallel to the airstream in order to maximize the contaminant's contact time with the UV Energy.

Sturdy metal box is housing 5 multi-voltage ballast and electronic board with dry contacts for building automation integration.

FEATURES

- Reduce airborne infection rates, building related illnesses, workplace absenteeism while dramatically improving Indoor Air Quality
- Continuously treats the entire duct
- Destroys up to 99.9999% of bio-contaminants
- Tested by the US EPA and National Homeland Security -destroy >99.9% on a single pass
- ETL certified

TECHNICAL DETAILS

- Power: 120 to 277v AC
- Watts: 525 w
- Dry contact (normally close): Link to BMS
- Power relay+ switch relay: ON/OFF remotely + contact for door cut off switch
- UV Lamp Type: Proprietary high intensity 19mm mercury vapor quartz
- UV Wavelength Nanometers (nm): UVC 254nm
- UV Lamp: Straight T6 (5)
- UV Lamp length: 40 in (1016 mm)
- Internal Lumina Lamp coating to prevent solarization: Yes
- Reflector Anodized aluminum parabolic reflectors (5)
- Lamp Change Out Time: 17,000 Hours

- Certifications: CETLUS listed

Origin: Europe, USA, Japan, Canada or Equivalent

PORTABLE SURFACE & DUCTS DECONTAMINATION SYSTEM USING DRY FOG PROCESS (Qty 01)

Disinfectant dispersal speed 21ml/min

Total disinfectant volume 2.5 liters

Dual dispersal protocols (6ml/m³ or 3ml/m³)

Electric reservoir lock system

Data entry by touch screen (room volume, operator, room, etc)

Memory of 500 process events

Maximum room volumes disinfected 800m³ at 3ml/m³ and 400m³ at 6ml/m³

Hydrogen peroxide (H₂O₂) 7% boosted by peracetic acid (PAA)

Up to 6 log reduction.

Huge removal capacity due to the 5 carbon filters.

H₂O₂ Detector (Dragger Brand)

MASK (qty: 2)

FDA & CE certificate

Certification: ISO-13485, CE, FDA (510K), JIS (Any Two)

Country of Origin: UK, USA, Europe, Japan or Equivalent

HAND HELD PARTICLE COUNTER (QTY 01)

Should comply with all the stringent requirements set forth in ISO 21501-4. It is calibrated with NIST traceable PSL spheres using TSI's world-class Classifier and Condensation Particle Counters,

Technical Specification

0.3 to 25 µm

CFM (2.83 L/min) flow rate

Up to three channels of simultaneous data

ISO 21501-4 compliant

USB serial output

Compatible with TrakPro Lite Secure

1,500 sample record storage

250 location labels

Large 3.2-inch (8.1-cm) display

On screen data review

User selectable middle size channel

Removable Li-ion battery

Intuitive keypad menus

High impact injection molded plastic

Certification: ISO-13485, CE, FDA (510K), JIS (Any Two)

Country of Origin: UK, USA, Europe, Japan or Equivalent.

SINGLE/DOUBLE WING MANUAL DOOR (QTY 06)

- Door wing with 1.5mm Stainless Steel 304 fully closed construction.
- Option of Door wing stainless steel color or RAL Powder coated with antimicrobial properties according to user choice
- Hermetic sealed door to prevent foreign bodies when closed
- Stainless Steel handles with key lock from both sides.
- Stainless Steel 304 1.5mm thick sheet Door Frame brushed finished or power coated in any RAL color.
- Best quality Door Closer and hinges
- Door Dimension – 1500 x 2100 mm or as per the size requirements

Origin: Europe, USA, Japan or Equivalent

PASS THROUGH WINDOW (QTY 01)

- Pass-boxes SPECIFICATION • Both side hinged doors, with interlocking feature (preventing opening of both at the same time).
- Electromagnetic or mechanic opening system.
- Hermetic closing.
- Vision window made of safe glass.

- Made of stainless steel, including handles.
- Dimensions according to individual customer needs.
- Flushed with will panels.

MEDICAL GASES WORK (MISC) (JOB)

Vendor will be responsible to Provide the Meical Gas Connection for Co2 & Air Required for Prodigy station. Separate independent system should be installed by the Vendor (if required) which should include Co2 Manifold & Air Compressor including piping and outlet etc.
Origin: Europe, USA, Japan or Equivalent

DIGITAL MULTIVIEWER (QTY 01)

The 55" Digital Viewer Workstation, digital viewer 55" available in Recessed / Built-in type. Any integrated imaging device, such as Room Camera, can be routed through the Digital Multiview to the Auditorium or outside the Lab.

TECHNICAL SPECIFICATIONS:

Should be Available in Recessed / Built-in type, integrate able with the modular wall system and wall mount system
Antimicrobial powder coating
1x 55" display
PC unit
MDD safety electronics
Network isolator
Short hub keyboard incl. touchpad
Silicone mouse (5 keys)
2x USB 3.0 ports
Antireflective safety glass
With Built-in Video Conferencing Feature on Zoom or team.
HD Room Camera PTZ
Ceiling Mounted Speaker
Wireless MIC

Origin: Europe, USA, Japan

SPECIAL TERM AND CONIDITIONS

- Bidder should have at least 5–8-year experience in Modular Structuring & Expert in establishing clean room Facility with Same manufacturers executed 5 years or before).
- Country of Origin should be from USA/Europe & Japan or equivalent Where As computer, Cables, Monitors and Allied Accessories can be provided from Global Franchised Manufacturing Facilities like China, Singapore, Taiwan etc.
- Bidder is bond to design LAB as per international standards and is bond to achieve Desire Clean Room Class of Air Quality & Parameter as per the guideline of Manufacture.

2 Equipment for Automated Cell Processing System (Qty 10)

- Automated, single closed, programmable clinical-grade cell expansion system from starting material to final cellular product in a single bench top instrument
- An automated continuous system of cell processing system that integrates various functions, e.g., magnetic cell separation, cell activation, transduction, cell washing, final product formulation, into one closed system; support clinical-grade cell manufacturing of a wide range of cell types.
- System should be Compact benchtop cell processing device w/o bag hangers
- System should have Internal 10.1" TFT touchscreen monitor or more
- System can use various single-use tubing sets for standardized processes and customized applications
- Closed fluid path channeled by roller pump and 24 pinch valves or equivalent
- Unit for centrifugation, temperature-controlled incubations, and cell culture
- Disposable centrifugation chamber (400 ml) for up to 400 g acceleration
- Automatic interphase layer detection
- Controlled atmosphere via gas-mix unit for CO2, N2 and compressed air

Handwritten signature

- Temperature control from 4 – 38°C
- Automated feeding and harvesting
- Integrated cell culture microscope
- Immunomagnetic cell separation unit for system separation columns
- Multiple immunomagnetic reagents for separation of various cell types
- Two-dimensional bar code reader
- USB ports
- Status monitoring via indicator lamp on left bag hanger
- Integrated speaker and alarm buzzer
- Two independent, potential free relays for integration into alarm system
- Equipment should be provided with all operational accessories including operating software(s), if any, along with their relevant certifications from concerned regulatory bodies (FDA approved or CE marked or other relevant certifications), and the system components
- System compatible online UPS for at-least 10 minutes backup should be supplied with each system.
- The OEM/vendor must provide all kind of backup services (incl. engineering, application and other parts, supplies and services) and installation qualification (IQ), operational qualification (OQ).
- Total process duration for CAR T cell: up to 14 days
- Vendor must perform installation qualification, operational at the purchaser's facility in Pakistan
- The system must be a closed or highly contained system to prevent contamination and operator exposure
- 2 Clinical Hematologist, 2 Lab technologist for 2 weeks (Foreign training) at manufacturing site
- Bidder should provide the Published articles/ studies of the quoted items for CART Cell Therapy
- Bidder should provide Details of all reference site and installations across the world for production of CART Cell & years of experience in CGT

All consumables and Kits to perform 100 CART Cell therapy manufacturing process should be quoted separately.
Origin: Europe, USA, Japan

3 **Flow Cytometer System (Qty 02)**

- Automated system with powerful flow cytometric analysis, should consist of 3 Laser (405nm,488nm,640nm) resulting in highly stable and consistent light detection.
- It should also permit the fully automated processing of cell samples including sample labelling, adjustable sample mixing, sample incubation, sample dilution and magnetic pre-enrichment.
- Compact, digital benchtop flow cytometer
- Incorporated touch-screen monitor and computer for increased performance and size reduction
- Three specially-separated, air-cooled lasers: violet (405 nm, 40 mW diode), blue (488 nm, 30 mW, and red (640 nm, 20 mW diode)
- Multi-parameter cell analysis including side scatter, forward scatter, and 8 fluorescent channels that can be measured in a 5-decade logarithmic scale
- In-process buffer exchange without stopping acquisition or requiring fluidics priming
- Automated start-up, shutdown, and cleaning programs
- Transferable instrument settings between instruments with automatically adjusting gain values
- Automated set-up and calibration process
- Automated 8×8 matrix compensation
- Offline recompensation in Quantify Software
- Automated sample labelling, incubation, processing, and analysis
- Absolute cell counting (Volumetric; reproducibility (CV) <5%)
- Particle resolution <1 µm
- Immunomagnetic Enrichment Column: In-line cell enrichment column utilizing immunomagnetic separation technology for the analysis of rare cell populations
- Robotic uptake port (y- and z-movements) for automated sample processing with an automated washing station

- Analysis rate up to 15,000 events/second
- Minimal uptake volume is 1 μ
- User-definable flow or target event rates (25, 50, and 100 μ L/min or 500 events/sec, 1000 events/sec and 2000 events/sec)
- Cooling sample racks with barcodes utilized with the System (high-flexibility of any sample types (microcentrifuge tubes, 5 mL tubes, and 96-well microtiter plates)
- Inter-sample carryover <0.01%
- Software allows data display in linear, log3, log4, log5, and Hlog scales
- Optional 21 CFR Part 11 software module
- Remote diagnostics and support via internet access
- Internal two-dimensional bar code reader
- Carryover and absolute cell counting are sample material dependent. The specified value reflects an upper limit; typical carryover measured (50 μ L uptake, standard, low)
- At every uptake, an additional excess volume is aspirated by the instrument. The excess volumes are calibration- and process-dependent and do not exceed 10 μ L for Fast, Standard, and Extended modes and 20 μ L for Screen mode.
- CAR T Cell package that able to streamline flow cytometry analysis, enabling Quality Control team to obtain necessary data for Manufacturing team
- CAR T Cell Mode that consists of Immune Cell Composition panel and Transduction panel
- Can be used with Stain Express kits which is lyophilized antibodies to streamline sample preparation workflow by QC team.
- System compatible online UPS for at-least 10 minutes backup should be supplied with each system.

Origin: Europe, USA, Japan

4 **Cell Sorter (Qty 01)**

Optics Laser excitation 405 nm, 100 mW, 488 nm, 100 mW, 638 nm, 100 mW
 Emission detectors 450/50 nm
 Backscatter and side scatter for detection of size & granularity of cells
 Fluorescence performance 5-decade logarithmic scales, display in lin, log, or hlog scales
 Cell flow rate Up to 55,000 cells/s for the Cartridge and up to 110,000 cells/s
 Sorting mode Two-way sorting of sorted and non-sorted cells
 Technical support Built-in live support functionality for reliable support in real time
 Operating pressure <230 mbar (3 psi) with the Cartridge and 1100 mbar (<14 psi)
 Cell retrieval No cell loss - negatively sorted cells are kept in the negative collection chamber
 Barcode labeling Cartridges are labeled with a barcode for easy identification and traceability

Origin: Europe, USA, Japan

5 **Apheresis Machine (Qty 01)**

Modes Supported: Plateletpheresis, Plasmapheresis / Plasma Exchange, Leukapheresis, RBC Exchange
 Blood Flow Rate: 20-150 mL/min adjustable
 Extracorporeal Circuit Volume: \leq 200 mL
 Anticoagulant Control: Adjustable infusion, with alarms
 Safety Features: Pressure sensors, air bubble detectors, blood-leak detector, emergency stop/clamp
 Display / Interface: Touchscreen; graphical guidance; data logging & export
 Power Requirements: AC 100-240 V, 50/60 Hz; \sim 300-500 VA;
 Compatible UPS with battery backup
 System compatible online UPS for at-least 10 minutes backup should be supplied with each system

Origin: Europe, USA, Japan

6 **Biosafety Cabinets (Qty 03)**

ClassIIA2 BSC with internal width of 4 feet Work surface height: 30-37 inches (flexible). Internal surfaces made of stainless steel 304-grade

	<p>Filter Efficiency: > 99.995 %, H14 HEPA EN on both supply/exhaust air filter Internal power sockets and gas hoses Certification EN12469 : by TUIV-Nord, LNE, HPA Work surface height: 30-37 inches (flexible) Maximum opening height of front window: 21 inches Germicidal UV Light Filter: HEPA Filter Orientation: Vertical Laminar Flow Must be provided with an adjustable height stand Origin: Europe, USA, Japan or Equivalent</p>
7	<p>Real time PCR machine (Qty 01) Digital PCR system to be provided with pre-optimized, compatible kits available from same vendor for absolute quantitation of Viral Copy Number (VCN) and Mycoplasma testing without need of running standards. The quoted system should be based on microfluidic array plate (MAP) technology designed to analyze maximum volume (95%) of the sample (only 5% dead volume) to detect quantity of analyte by amplification of signal coming from 20,480 microchambers per reaction providing the required sensitivity of analysis. The platform should be able to operate at a dynamic range of five logs Capability of simultaneous 5-plex analysis using six dyes FAM, HEX, VIC, ABY, ROX, CY5, and JUN (ROX being passive dye) Data Analysis Software: Latest software complete in all respects with free updates must be provided System compatible online UPS for at-least 10 minutes backup should absolute be supplied with each system. Origin: Europe, USA, Japan or equivalent</p>
8	4mm tubing connector with valve (Qty 10)
9	4mm non-gas permeable tubing (Qty 10)
10	4mm Tubing connector (Qty 10)
11	Tube sealing gun for bags (Qty 04)
12	Sterile Tubing Welder (Qty 04)
13	<p>Controlled rate Freezer with full accessories (Qty 01) Programmable controlled-rate freezer with protocols included for cryopreservation of stem cells and CAR T cells. The model should have front access door and supplied with separate LN2 supply tank (100L or more) and ports for supply Capacity: 1.2 Cu. Ft. (34.0 liters) or more Temperature: - 50°C to -180°C Thermo-Couple Sensor ribbon type for bags Max quantity per chamber: 8 Bags Bag presses: 04 (2 bags each) Swing Arm Canisters for bags Additional requirement: Vial Rack Large Rack Holder (1.2 & 2mL vials) to accommodate Vial Racks Vial Rack 1.2/2 mL freezing rack - large (1.2 & 2mL vials) Accessories: Computer and Printer for printing data for documentation. Origin: Europe, USA, Japan or equivalent</p>
14	<p>LN2 Storage system (200 Liters) with full accessories (Qty 02) A top-loading digital LN2 storage tank of 200 Liter or more capacity. To be supplied with all required inventory including aluminum platform dividers, riser frame for vapour phase storage, racks, canisters for bags and boxes. Digital display with alarm systems and door lock. Static Evaporation Rate: 5 Liters/Day or less Static Holding Time: 40 days Origin: Europe, USA, Japan or equivalent</p>
15	<p>Pharmaceutical refrigerator (Qty 02) Capacity: 660 liters or more Temperature range: 1°C to 12°C Temperature precision: ±0.3°C 4 Fixed counter Shelves, along with additional door shelves Refrigeration type: R600a or R134a Cabinet material: Scratch-resistant Painted Steel</p>

	<p>Digital control with audible alarm Electrical requirements: 230V; 50-60Hz" Origin: Europe, USA, Japan or equivalent</p>
16	<p>Biomedical Freezer (Qty 02) 500 liters or more Upright model with Temperature Range: -20°C to -30°C or below, Micro-processor-based temperature control, Door Alarm Baskets Top: 6 medium, Bottom: 4 large Performance: Cooling performance: -30°C Temperature setting range -35°C to -18°C Temperature control range -30°C to -20°C Control Controller Microprocessor, non-volatile memory Display LED Refrigeration Cooling method: Direct Refrigerant HFC Insulation material PUF Construction Exterior material Painted Steel Interior material Painted Steel Outer doors: 2 Outer door lock Yes Shelves 6 or more Alarms for Power failure, High and Low temperature Power Supply: 220V,50/60HZ Origin: Europe, USA, Japan or equivalent</p>
17	<p>Temperature Sensor probes for wireless monitoring (Qty 14) WiFi enabled temperature sensor probes with data logger and alarm system to be attached with all systems Must be able to maintain temperature and other activities log of cryopreservation equipment containing patient-related clinical samples. Should be able to connect with Lab Environment Monitoring System and relay push messages in case of breach in critical values. Origin: Europe, USA, Japan or equivalent</p>
18	<p>Microplate Reader (With Fluorescence and Absorbance detectors) (Qty 01) Technical Specifications: Light source: LED, self-calibrating Detectors: Photo diodes Wavelength Selection: Filters Wavelength Range: 340 - 750 nm Read-out Range: 0-4 OD Resolution: 0.0001 OD Linearity: 0 - 2 OD: ≤1.0% 0 - 3 OD: ≤1.5% Accuracy: ± 1% (0-3 Abs) or ± 0.003 Abs, whichever is greater Resolution: 0.001 Abs Plate Types: 96 well plates Shaking: Linear shaking, 3 speeds Communication: USB for computer connection User Interface: Internal software or PC control with requisite Software installed Internal memory (standalone): At least up to 99 assay protocols and 100 test results, 96-well plate Mains input: 100-240 V (50/60 Hz) Data Analysis Software: Latest software complete in all respects with free updates should be provided. Origin: Europe, USA, Japan or equivalent</p>
19	<p>Vortex Mixer (Qty 02) Vibrating motion, pulse and continuous, analog speed dial speed control, electronic regulation: up to 3000 rpm, (Extra rubber adaptors) Origin: Europe, USA, Japan or equivalent</p>
20	<p>Micropipette set of 4 pipettes (Qty 02) Well-reputed brands of Fully autoclavable micropipettes with Premium Comfort</p>

	Measuring Range: 1-10ul, 10-100ul, 20-200ul, and 100 to 1000 ul respectively Origin: Europe, USA, Japan or equivalent
21	Refrigerated Centrifuges (Qty 02) Refrigerated tabletop model to be provided with fixed-angle rotor for microcentrifuge tubes and swing out rotors for 12 x 75 mm tubes and multi-well plates. Biohazard sample lid. Maximum speed (12000 rpm or more for fixed angle rotor and 4500 rpm or more for swing out rotor) Origin: Europe, USA, Japan or equivalent
22	Pipette Controller (Qty 01) Battery type: Lithium-Ion, Range: 1-100ml, filter type: 0.45um, Dispensing speed: 8 stages, Recharge time: 3 hours, Recharge Time 3 Hours Brands Run Time: 15 Hours Separate aspirate and dispense speed displayed on LCD Origin: Europe, USA, Japan or equivalent
23	Pharmaceutical Refrigerator (Qty 01) Capacity: 300 liters or more Temperature range: 1°C to 12°C Temperature precision: ±0.3°C 4 Fixed counter Shelves, with additional door shelves Refrigeration type: R600a or R134a Cabinet material: Scratch-resistant Painted Steel Digital control with audible alarm Electrical requirements: 230V; 50-60Hz Origin: Europe, USA, Japan or equivalent
24	Biomedical Freezer (Qty 01) 300 liters or more Upright model with Temperature Range: -20°C to -30°C or below, Micro-processor-based temperature control, Door Alarm Should be supplied with baskets for each shelf Performance: Cooling performance: -30°C Temperature setting range -35°C to -18°C Temperature control range -30°C to -20°C Control Controller Microprocessor, non-volatile memory Display LED Refrigeration Cooling method: Direct Refrigerant HFC Insulation material PUF Construction Exterior material Painted Steel Interior material Painted Steel Outer doors: 2 Outer door lock Yes Shelves 6 or more Max. load - per shelf 30 kg Access port 1 Alarms (V = Visual Alarm, B = Buzzer Alarm, R = Remote Alarm) Power failure V-B-R High temperature V-B-R Low temperature V-B-R Power Supply: 220V,50/60HZ Origin: Europe, USA, Japan or equivalent
25	Controlled-rate freezers with all accessories (Qty 02) Programmable controlled-rate freezer with protocols included for cryopreservation of stem cells and CAR T cells. The model should have front access door and supplied with separate LN2 supply tank (100L or more) and ports for

	<p>supply Capacity: 1.2 Cu. Ft. (34.0 liters) or more Temperature: - 50°C to -180°C Thermo-Couple Sensor ribbon type for bags Max quantity per chamber: 8 Bags Bag presses: 04 (2 bags each) Swing Arm Canisters for bags</p> <p>Additional requirement: Vial Rack Large Rack Holder (1.2 & 2mL vials) to accommodate Vial Racks Vial Rack 1.2/2 mL freezing rack - large (1.2 & 2mL vials)</p> <p>Accessories: Computer and Printer for printing data for documentation Origin: Europe, USA, Japan or equivalent</p>
26	<p>Ultra Low Temperature Freezer (Qty 02) Ultra-Low Temperature Freezer (Upright Type) Effective capacity: 500 Liters or more Temperature range: - 50-to-86-degree Celsius Refrigeration type: Independent dual cooling Must have two independent compressors (in case 1 fails, the other one should maintain temp below -70 degree Celsius Refrigerant: HFC mixed Microprocessor-controlled digital display on front side Inner doors: 2 Inner shelves: 4x Stainless steel shelves Access ports: 3 Compatible with central monitoring system Alarm system: High/low Temperature. Power failure, Filter check, Self-diagnostics, Door check Remote alarm contact Accessories: 1 set of keys, 1 scrapper Origin: Europe, USA, Japan or equivalent</p>
27	<p>LN2 supply tank 230 L or more (Qty 02) Stainless Steel body LN2 supply tanks with capacity of 230 L or more. Static loss 2% or less. Must have welded caster base and foldable handle. Dual pressure gauges (BOC company or better) to ensure LN2 supply at 22 psi. Must be provided with supply pipe for connecting cryogenic storage tanks Origin: Europe, USA, Japan or equivalent</p>
28	<p>Mobile Cryogenic container (Dewar) (Qty 02) Capacity: 50 Liters or more to be supplied with storage racks and cryogenic box system for vials and digital alarm system and lid lock. Must have base with tyres. Origin: Europe, USA, Japan or equivalent</p>
29	<p>Autoclave Digital Processor Controlled (Qty 02) Complete unit with stainless Steel Baskets operated on 220 Volts with following Features:- Capacity: 100 Liters or more Microprocessor control, LED display. Audio and visual alarm for low-level water, automatic water supply system. Water Supply Pressure Gauge 0 to 0.4 mpa, Selected Modes for Liquid and Solids and Agar Process, a. Electromechanical Lock System. b. Dual Sensing Interlock mechanism. c. Pulse Sensing System for Air Exhaust. d. Programmable Auto start e. Process Status Display f. Over Pressure Cutoff. Over Temperature Cutoff,</p>

	Pressure Safety valve. Temperature: RT+5- 126°C, Temperature Fluctuation: <1°C, supplied with 3 racks. Power Supply: 220V,50/60HZ Origin: Europe, USA, Japan or equivalent
30	Inverted Microscope (Qty 02) Binocular microscope capable of following different operations 1) Fluorescence (Blue/Green Excitation), 2) Fluorescence (Ultraviolet Excitation), 3) Phase Contrast, 4) Brightfield. Revolving Nosepiece; Standard type with Built in 4 positions. Observation Tubes; Widefield (FN 22), Tilting Binocular. Stage; Plain Stage. Condenser; Ultra-Long Working Distance Condenser. Objectives:10X/0.25, W.D. 8.8mm LCACHN20XIPC Long working distance achromat phase contrast (pre-center) objective 20X/0.4, WD 3.2 LCACHN40XIPC Long working distance achromat phase contrast (pre-center) objective 40X/0.55, WD 2.2 Camera for image capturing; 3.5MP. Image processing software; Latest software with key Voltage: 220-240 AC, 50/60HZ Origin: Europe, USA, Japan or equivalent
31	Dry heat block/water bath (compatible with cGMP environment) (Qty 02) Digital (Microprocessor-controlled) dry heat block/water bath of capacity 7 liters or more. Must be compatible with bead-based thawing of frozen reagents/kits (compliant with cGMP requirement). Temperature range: 5-degree Celsius above ambient to 95 degree Celsius , with additional boiling function (+100oC) Must have 304 stainless steel interior body, digital temperature display and control, with timer Origin: Europe, USA, Japan or equivalent

Note:

- Above mentioned items should be quoted on turnkey basis including clean room facility. Firms who will not quote turnkey solution will be rejected.
- Financial proposal must be submitted on company letter head duly signed and stamped. Bidder is required to type their offer in figure and as well as in words of the total amount; else the offer would be rejected.

Signature of Manufacturers /Importers/Sole Agents/Contractors_____

Name of Medical Store_____

Full Address_____

Telephone No. Office_____ Cell No:-_____

Email Address (if any)_____



BID LETTER FORM

From:
(Registered name and address of the bidder)

To:
PIR ABDUL QADIR SHAH JEELANI INSTITUTE OF MEDICAL SCIENCES GAMBAT

Dear Sir,

Having examined the bidding document and amendment thereon we undersigned, offer to provide services to the works including in conformity with the terms and conditions of the bidding document and amendments there on, for the following project in response to your tender call dated__

Tender Title: _____

We undertake to provide services/execute the above project or it part assigned to us in conformity with the said bidding documents for an estimated sum of Rs. (Rupees)(total bid amount in words and figures) which may vary in accordance with the schedule of prices attached herewith and coverage options made by **Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat** or its user organization.

If our bid is accepted, we undertake to;

- 1) Provide services/execute the work according to the time schedule specified in the bid document,
- 2) Obtain the performance guarantee of bank/ insurance guarantee from a reputable insurance company in accordance with bid requirements for the due performance of the contract, and
- 3) Agree to abide by the bid conditions, including pre-bid meeting minutes if any, which remain binding upon us during the entire bid validity period and bid may be accepted any time before the expiration of that period.
- 4) We understand that you are not bound to accept the lowest or any bid you may receive, nor to give any reason for the rejection of any bid and that you will not defray any expenses incurred by us in bidding.

Place:
signature
Date:

Bidder's
and seal.



CONTRACT FORM

THIS AGREEMENT made theDay of.....(year) Between the Procuring Agency(hereinafter "**Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat**").....of one part and (Name of Vendor) of (City and country of Vendor) (Hereinafter "the Supplier") of the other part:

WHEREAS the **Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat** is desirous that certain Supplies, as described in the bid document and briefly outlined below, should be provided by the Vendor.

Date of tender call:

Title of the project:

Brief outline of the work:

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS;

In this agreement words and expression shall have the same meanings as are respectively assigned to them in the bid document referred to.

The following document shall be deemed to form and be read and construed as part of this Contract, viz.

- 1) Bid document(s)
- 2) Pre-bid conference minutes (if any),
- 3) Clarification on bid document issued (if any),
- 4) **Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat** notification of award.

In case of conflict among documents mentioned above, the documents mentioned above in reverse order will prevail over other documents. In consideration of the payments to be made by the **Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat** to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the **Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat** to (Tender Title) and to remedy defects therein conformity, in all respects, with the provisions of the contract.

The **Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat** hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects there in, the contract price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

Brief particulars of the services which shall be supplied / provided by the Supplier areas under:

Solutions, service or Material	Quantity	Unit price	Amount	Remarks

IN WITNESS whereof the parties hereto have caused this Agreement executed the day and year above written.

Signed, sealed, delivered by _____ the (for the Procuring agency)

Signed, sealed, delivered by _____ the (for the Supplier)

R. M. abe

FORM OF PERFORMANCE SECURITY (Bank Guarantee)

Guarantee No. _____ Executed on: Expiry date: _____

[Letter by the Guarantor to the Employer]

Name of Guarantor (Bank) with complete address (Scheduled Bank in Pakistan):

Name of Principal (Contractor, Manufacturer, Supplier or any bidder) with complete address:

Penal Sum of Security (express in words and figures):

Letter of Acceptance No: _____ Dated: _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the area of the said Principal we, the Guarantor above named, are held and firmly bound unto the **Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat** (here in after called the Employer) in the penal sum of the amount stated above for the payment of which sum well and truly to be made to the said Employer, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the principal has accepted the Employer's above said Letter of Acceptance for (Name of Contract) for the _____ (Name of Project).

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Employer, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of said Documents that may hereafter be made, notice of which modificationstotheGuarantorbeingherebywaived,then,thisobligationtobevoid;otherwiseto remain in full force and virtue till all requirements of Condition of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, _____ (the Guarantor), waiving all objections and defences under the Contract, do hereby irrevocably and independently guarantee to pay to the Employer without delay upon the Employer's first written demand without cavil or arguments and without requiring the Employer to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the Employer's written declaration



that the principal has refused or failed to perform the obligations under the Contract which payment will be affected by the Guarantor to Employer's designated Bank & Account Number.

PROVIDED ALSO THAT the Employer shall be the sole and final judge for deciding whether the principal (Contractor) has duly performed his obligations under the Contractor has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the Employer forthwith and without any reference to the principal or any other person.

IN WITNESS WHEREOF, the above-bounden Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Witness:
Guarantor _____
(Bank)

1. _____ (Name, Title, Signature & Seal)

Signature:

2. _____ Name: _____

(Name, Title, Signature Seal) Title: _____



(ANNEX-F)

AFFIDAVIT
(On Judicial Stamp Paper)

I/We, the undersigned [Name of the Supplier] hereby solemnly declare and undertake that:

1. I/We have read the contents of the Bidding Document and have fully understood it.
2. The Bid being submitted by the undersigned complies with the requirements enunciated in the bidding documents.
3. The Goods that we propose to supply under this contract are eligible goods within the meaning of this SBD.
4. The undersigned are also eligible Bidders within the meaning of the Standard Bidding Documents.
5. The undersigned are solvent and competent to undertake the subject contract under the Laws of Pakistan.
6. I/We have not paid nor have agreed to pay, any Commissions or Gratuities to any official or agent for **Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat** related to this Bid or Award or Contract.
7. I/We are not blacklisted or facing debarment from any institute of Federal, Provincial Government or any Department /Agency/Organization/Autonomous body or Private Sector organization anywhere in Pakistan.
8. That undersigned has not employed any child labor in the organization/unit.
9. I/We understand that the Selection and Rate Contracting Committee of the Procuring Agency is not bound to accept the lowest or any other bid they may receive.

I/We affirm that the contents of this affidavit are correct to the best of our knowledge and belief.

Signatures with stamp Name: _____ Designation: _____

CNIC No. _____ (Copy must be attached)

For Messrs. [Name of Supplier]



INTEGRITY PACT

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC PAYABLE BY THE SUPPLIERS/CONTRACTORS/CONSULTANTS

Contract Number:
Contract Value:
Contract Title:

NO.
Rs.

Dated:

M/s. _____ 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 Sindh(GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

Without limiting the generality of the foregoing, M/s. _____ represents

and warrants that it has fully declared the brokerage, commission, fees 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 consultation 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, XXXXX(PA), except that which has been expressly declared pursuant hereto.

M/s. _____ 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 PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

M/s. _____ accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts 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 PA under any law, contract or other instrument, be voidable at the option of PA.

Notwithstanding any rights and remedies exercised by PA in this regard, M/s.

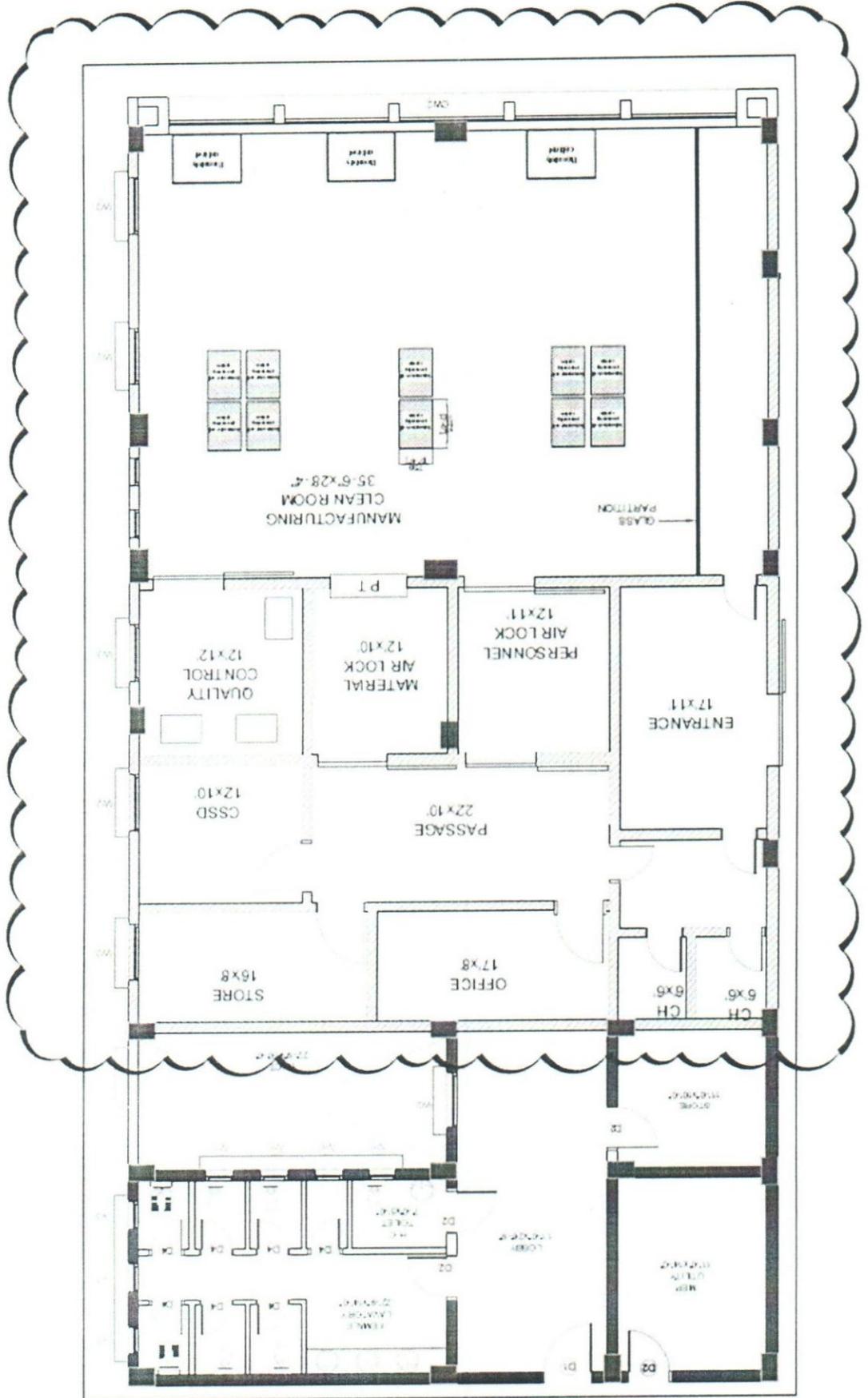
_____ Agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by M/s. _____ as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit, in whatsoever form, from PA.

M/s. _____

Executive Director (D.D.O)



DRAWING & SCHEDULE



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ESTABLISHMENT OF CELLULAR AND GENE THERAPY FOR CANCER TREATMENT AT GIMS

SCHEDULE OF PUMPS									
TAG NO.	TYPE	FLOW EACH (USGPM)	DISCHARGE HEAD (FT.)	ELECTRIC MOTOR		LOCATION	SERVICE	MANUFACTURER OR EQUIVALENT	REMARKS
				POWER SUPPLY	RPM				
CHWP/1-1 TO CHWP/1-3	CENTRIFUGAL END SUCTION WITH TOP DISCHARGE	71.2	120	400V/ 3 ϕ /50Hz	1450	ROOF	CONTINUOUS	AS SPECIFIED	ONE STAND BY

ESTABLISHMENT OF CELLULAR AND GENE THERAPY FOR CANCER TREATMENT AT GIMS

SCHEDULE OF EXPANSION TANK (ET)						
TAG NO.	TYPE	* ACCEPTANCE CAPACITY US GALLONS (LITERS)	LOCATION	MODEL	MANUFACTURER OR EQUIVALENT	REMARKS
ET/1	VERTICAL FLOOR MOUNTED SEALED BLADDER TYPE	16 (62)	ROOF		AS SPECIFIED	SHALL BE COMPLETE WITH ALL VALVES AND FITTINGS

ESTABLISHMENT OF CELLULAR AND GENE THERAPY FOR CANCER TREATMENT AT GIMS

SCHEDULE OF AIR COOLED CHILLER												
TAG NO.	TYPE	COOLING CAPACITY KW	CHILLED WATER			FOULING FACTOR m ² k/kw (ft ² °F/RTU) EVAP.	ELECTRICAL DATA		AMBIENT TEMPERATURE °F (°C)	LOCATION	MANUFACTURER OR EQUIVALENT	REMARKS
			FLOW RATE (USGPM)	EWT °F (°C)	LMT °F (°C)		MAX. ΔP (ft wc)	POWER SUPPLY				
Ch/1-1 TO Ch/1-2	AIR COOLED SCREW/SROLL CHILLER (THEORETICAL TYPE)	112.5 (32 RT)	71.2	52.6 (°C) (121)	42.8 (°C) (10)	0.088 (0.0005)	400V/3P/50Hz	113 (45)	ROOF	AS SPECIFIED	VALVE COMPRESSORS (INTEGRAL TYPE) SUI-HI VALVE/METER DRIVEN COMPRESSORS	

ESTABLISHMENT OF CELLULAR AND GENE THERAPY FOR CANCER TREATMENT AT GIMS

SCHEDULE OF FANS									
TAG NO.	TYPE	AREA SERVED	AIR FLOW RATE CFM (CMH)	EXTERNAL E.S.P.		ELECTRIC MOTOR POWER SUPPLY	LOCATION	SERVICE	REMARKS
				In	wc				
Bf/1	ROOF MOUNTED EXHAUST AIR CENTRIFUGAL INLINE TYPE FAN	MANUFACTURING CLEAN ROOM FIRST FLOOR	1138 (1935)	3.0	400V/3P/50HZ	ROOF	CONTINUOUS	-WEATHER PROOF CONSTRUCTION; RAISED MOTOR AT 50°C. IP55, TEFC, CLASS F -WITH BACK DRAFT DAMPER, ANTI-BIRD AND ANTI-DEWING SCREEN -WITH DUCTED HEPA FILTER (H-13) -INTEGRATED WITH AHU/1.	

ESTABLISHMENT OF CELLULAR AND GENE THERAPY FOR CANCER TREATMENT AT GIMS

SCHEDULE OF AIR HANDLING UNITS WIT

TAG NO.	TYPE	AREA SERVED	LOCATION	SUPPLY AIR FAN WITH EC MOTOR			MAX. COIL FACE VELOCITY (FPM)	CHILLE		
				FAN AIR VOLUME CFM (CMH)	MAX. OUTLET VELOCITY (FPM)	E.S.P (Inch wc)		MOTOR (kW)	TOTAL CAPACITY kW (USRT)	SENSIBLE COOLING CAPACITY kW
AHU/1	CAV HORIZONTAL FLOOR MOUNTED DRAW THRU WITH TOP DISCHARGE AND TOP RETURN - HYGIENIC TYPE	MANUFACTURING CLEAN ROOM FIRST FLOOR	ROOF	13130 (22321)	2200	4.0	--	112.9 (32.1)	98.2	77.5 (25.3)
AHU/2	CAV HORIZONTAL FLOOR MOUNTED DRAW THRU WITH TOP DISCHARGE AND TOP RETURN - HYGIENIC TYPE	SUITE AREA MANUFACTURING CLEAN ROOM FIRST FLOOR	ROOF	4965 (8441)	2200	4.0	--	70.7 (20.1)	46.9	81.8 (27.7)

H COOLING COIL ONLY

H WATER COOLING COIL										
AIR SIDE					WATER SIDE					
EWB °F (°C)	LDB °F (°C)	MAX.ΔP inch wc (Pa)	MAX.ΔP inch wc (Pa)	EWT °F (°C)	TEMP. DROP °F (°C)	FLOW USGPM (CMH)	MAX.ΔP ft wc (kPa)	ELECTRIC HEATER (MODULATING TYPE) (kW)	PRE FILTER (G4)	BAG FILTER (F9)
63.3 (17.4)	53.7 (12.1)	0.75 (187)	0.75 (187)	42.8 (6)	10.8 (6)	71.3 (16.2)	10.0 (30)	61.7	ALUMINUM WASHABLE 2 INCH THICK	95% EFFICIENCY
67.7 (19.8)	51.7 (10.9)	0.75 (187)	0.75 (187)	42.8 (6)	10.8 (6)	44.7 (10.2)	10.0 (30)	23.3	ALUMINUM WASHABLE 2 INCH THICK	95% EFFICIENCY

MANUFACTURER OR EQUIVALENT	POWER SUPPLY	HUMIDIFIER FLOW Kg/hr	REMARKS
AS SPECIFIED	400V/3ø/50Hz	3.35	-CAV TYPE WITH EC MOTOR -INTEGRATED WITH EF-1 -WITH WEATHER PROOF CANOPY
AS SPECIFIED	400V/3ø/50Hz	4.52	-CAV TYPE WITH EC MOTOR -WITH WEATHER PROOF CANOPY

DAILY DAWN DATED. 11-12-2025

DAILY DAWN 11-12-205



Phone No.: 0243-640160
 Fax No.: 0243-720066
 E-mail: gambatpws@yahoo.com

**GAMBAT OFFICE OF THE DIRECTOR
 PIR ABDUL QADIR SHAH JEELANI
 INSTITUTE OF MEDICAL SCIENCES GAMBAT**

NOTICE INVITING TENDER

The Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat (now invites e-bids through E-Pak Acquisition and Disposable System (EPADS) for eligible bidders for supply of the following mentioned items for fiscal year 2025-26 under the relevant provision of Sindh Public Procurement Rules 2010 (Amended 2019).

Interested bidders are invited to submit a written application along with a non-refundable tender fee of Rs. 5000; in shape of Pay Order / Call Deposit in favor of the "Director Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat" from 9:00am to 3:00pm hours except Sunday and Holidays from date of publication of this advertisement on EPADS portal. All bids must meet containing detailed terms and conditions, can be viewed / downloaded from <https://portalsindh.eprocure.gov.pk/#/>.

The Bids prepared in accordance with the instructions in the Bidding Documents must be submitted on EPADS and bids must be accompanied by a bid security as mentioned below of the total bid quoted value in shape of Bank Draft / pay orders / Call Deposit / Bank Guarantee in the name of "Director Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat" must reach before the deadline for the submission of e-bids, which will be opened on the same day 31-12-2025 at 12:30pm in Green Hall at Director Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat.

The Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat reserves the right to postpone / accept / reject any / all bids under the relevant provision of SPPRA Rules 2010 (Amended 2019).

Tender Details:

S.No.	Tender Title	Bid Security
1.	Procurement of Machinery / Equipment for Establishment of Cellular and Gene Therapy for Cancer Treatment	10,000,000

N.B.

- Any query for e-bidding may contact at office of the Director Pir Abdul Qadir Shah Jeelani Institute of Medical Sciences Gambat contact no. 0243-720950 email add:gambatpws@yahoo.com
- In case of Govt. announces Public Holiday then Tender will be submitted and opened on next working day.
- All NITs shall include Government Taxes including Professional Tax, GST, SRB and others wherever and if applicable.
- In case of any difficulty prospective bidders may contact E-PADS helpline 051-111-137-237 during working days / hours.

Director

Pir Abdul Qadir Shah Jeelani
 Institute of Medical Sciences Gambat

INF-KRY 4148/25

WORK FOR SINDH
www.workforsindh.com



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دفتر ڈائریکٹر

پیر عبدالقادر شاہ جیلانی انسٹی ٹیوٹ آف

میڈیکل سائنسز گمبٹ

فون نمبر 640160-0243، فیکس نمبر 720066-0243، ای میل: gambatpws@yahoo.com

ٹینڈر طلبی نوٹس

پیر عبدالقادر شاہ جیلانی انسٹی ٹیوٹ آف میڈیکل سائنسز گمبٹ، اب، سندھ پبلک پروکیورمنٹ رولز 2010 (ترمیم شدہ 2019) کی متعلقہ شق کے تحت مالیاتی سال 2025-26 کیلئے مندرجہ ذیل آئٹمز کی فراہمی کیلئے اہل بولی دہندگان سے ای۔ پاک ایکوریشن اینڈ ڈسپوزیشنل سسٹم (ای پی اے ڈی ایس) کے ذریعے ای۔ پیشکشیں طلب کرتا ہے۔

دیکھنے کے حامل بولی دہندگان کو ڈائریکٹر پیر عبدالقادر شاہ جیلانی انسٹی ٹیوٹ آف میڈیکل سائنسز گمبٹ کے حق میں بے آرڈر/کال ڈپازٹ کی شکل میں ناقابل واپسی ٹینڈرفیس/-Rs.5000 کیساتھ تحریری درخواست جمع کرانے پر ای پی اے ڈی ایس پورٹل پر اشتہار ہذا کی اشاعت کی تاریخ سے ماسوائے اتوار اور تعطیلات کے صبح 09:00 بجے سے سہ پہر 03:00 بجے تک مدعو کیا جاتا ہے۔ مفصل قواعد و ضوابط پر مشتمل تمام پیشکشیں <https://portalsindh.eprocure.gov.pk/#/> سے ڈاؤن لوڈ/جائزہ لیا جاسکتا ہے۔

بڈنگ دستاویزات میں ہدایات کی مطابقت میں تیار کردہ پیشکشیں لازمی ای پی اے ڈی ایس پر جمع کرائی جائیں اور پیشکشوں کے ہمراہ ڈائریکٹر پیر عبدالقادر شاہ جیلانی انسٹی ٹیوٹ آف میڈیکل سائنسز گمبٹ کے نام بینک ڈرافٹ/بے آرڈر/کال ڈپازٹ/بینک گارنٹی کی شکل میں درج کردہ پیشکش کی کل لاگت کی بڈ سیکورٹی جیسا کہ ذیل میں درج ہے، لازمی منسلک کی جائے اور یہ ای۔ پیشکشیں جمع کرانے کی آخری تاریخ سے قبل لازمی موصول ہوجانی چاہئیں، جو ای روز 31.12.2025 کو بوقت دوپہر 12:30 بجے ڈائریکٹر پیر عبدالقادر شاہ جیلانی انسٹی ٹیوٹ آف میڈیکل سائنسز گمبٹ کے گرین ہال میں کھولی جائیں گی۔

پیر عبدالقادر شاہ جیلانی انسٹی ٹیوٹ آف میڈیکل سائنسز گمبٹ ایس پی پی آر اے رولز 2010 (ترمیم شدہ 2019) کی متعلقہ شق کے تحت کسی/تمام پیشکشوں کو ملتی/قبول/مسترد کرنے کا حق محفوظ رکھتا ہے۔

ٹینڈر تفصیلات :

نمبر شمار	ٹینڈر عنوان	بڈ سیکورٹی
01	پروکیورمنٹ ہائے مشینری/ ایکویپمنٹس برائے قیام ہائے سیلور اور Gene تھراپی برائے کینسر علاج	10,000,000

نوٹ:

- برائے ای۔ بڈنگ، کسی قسم کے استفسار کیلئے دفتر ڈائریکٹر پیر عبدالقادر شاہ جیلانی انسٹی ٹیوٹ آف میڈیکل سائنسز گمبٹ سے رابطہ نمبر 720950-10243 ای میل gambatpws@yahoo.com پر رابطہ کریں۔
- حکومت کی جانب سے کسی عام تعطیل کے اعلان کی صورت میں، ٹینڈر آئندہ کام والے دن جمع کرایا اور کھولا جائیگا۔
- تمام این آئی ٹیز بشمول سرکاری ٹیکسز بشمول پروفیشنل ٹیکس، جی ایس ٹی، ایس آر بی اور دیگر جو جہاں اور اگر قابل اطلاق ہو، ہوں گے۔
- کسی قسم کی دشواری کی صورت میں، ممکنہ بولی دہندگان دوران ایام کار/اوقات ای پی اے ڈی ایس ہیلپ لائن 051-111-137-237 سے رابطہ کر سکتے ہیں۔

دستخط..... ڈائریکٹر

پیر عبدالقادر شاہ جیلانی انسٹی ٹیوٹ آف میڈیکل سائنسز گمبٹ

INF/KRY/4148/2025



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