

**SINDH INSTITUTE OF UROLOGY AND
TRANSPLANTATION (SIUT) KARACHI,
SINDH**

**“SUPPLY OF GAMMA CAMERA AND EXERCISE
TOLERANCE TESTING (ETT) SYSTEM FOR NUCLEAR
MEDICINE DEPARTMENT AT SIUT TRUST MARYIAM
BASHEER DAWOOD CHILDREN’S CARDIAC
HOSPITAL, KARACHI”**

TENDER NO. 591

DUE ON 11/04/2026 AT 11:00 AM

Single Stage - Two Envelope Bidding Procedure

IMPORTANT DATES

Issuance of Tender Documents	26/03/26 to 10/04/26
Submission of Tender	11/04/26 at 11:00am
Opening of Tender	11/04/26 at 11:30am

TENDER NOTICE
(INVITATION FOR BIDS)

- 1) Sealed bids are invited from eligible bidders for **“Supply of Gamma Camera and Exercise Tolerance Testing (ETT) system for Nuclear Medicine Department at SIUT Trust Maryiam Basheer Dawood Children’s Cardiac Hospital”** Karachi, Sindh invites bids on DDP / C&F basis from Bidders registered with FBR for Income Tax, Sales Tax and with SRB for Provincial Sales Tax (if applicable) and active on FBR “Active Taxpayers List” as required by Sindh Public Procurement Rules, 2010 (SPP Rules, 2010).

Tender No.	591
Name of Bid	“Supply of Gamma Camera and Exercise Tolerance Testing (ETT) system for Nuclear Medicine Department at SIUT Trust Maryiam Basheer Dawood Children’s Cardiac Hospital”
Bidding Procedure	Single Stage Two Envelope (Technical & Financial)
Bid Security	1% of the total bid value
Bid Validity	90 days
Tender Fee	Rs 3,000/- (non-refundable)
Issuance of Tender Documents	26/03/2026 to 10/04/2026
Submission of Tender	11/04/2026 at 11:00am
Opening of Tender	11/04/2026 at 11:30am

- 2) Tender is open in front of the all Suppliers/Manufacturers/Authorized representative/Distributors.
- 3) Complete set of tender documents containing Schedule of Requirements, Technical Specification with Terms & Conditions can be purchased with a non-refundable fee of Rs. 3,000/- from the office of the Director SIUT, Ground Floor DFMC, Section CRS, Karachi during 2:00pm to 4:00 pm on working days from **26/03/2026 to 10/04/2026**
- 4) All required certificates / documents along with GST / NTN Certificate, Professional Tax Certificate etc. must be attached along with Technical information.
- 5) Bid shall include all applicable duties, taxes, levies and contribution imposed by Federal and Provincial Government or other body etc.
- 6) The bidder must enclose an affidavit on stamp paper of Rs. 100/- that the bidder has not been blacklisted from any Government Department. If at any stage bidder found blacklisted the bid shall be rejected.
- 7) Procurement agency may reject all or any Bid subject to the relevant provision of (SPP Rules, 2010) all terms & condition of SPP Rules, 2010 shall be applicable.
- 8) Deduction in the bills will be done as per government rules.
- 9) Bid Security @ 1% of the total bid value of quoted items must be paid by the bidder in shape of pay order / demand draft / Bank Guarantee in favor of Director of SIUT Karachi (original instrument should be attached with financial Bid).

- 10) In case of discrepancies between the Tender Notice and the Tender Documents, the Tender Documents shall take precedence.
- 11) Bids must be submitted at 5th Floor, DFMC at Pre-Function Area up to **11:00 a.m. on April 11, 2026**. All bids must be accompanied by a bid security / earnest Money @ 1% of the total bid cost in shape of Pay Order/Demand Draft/ Bank Guarantee. Bids will be opened in the presence of the bidder's authorized representatives who choose to attend at the above address at **11:30 am**. late bids will be rejected.
- 12) In case of announcement of public holiday or any un-favorable circumstances, the bids shall be submitted and opened as per given schedule on the next working day.
- 13) Queries can be addressed at the following numbers or in person during office hours.

Tel: 021-99216977

Tel: 021-99215718/52

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**OFFICE OF THE DIRECTOR
OF SIUT, KARACHI, SINDH**

INSTRUCTIONS TO BIDDERS (ITB)

- 1) This Invitation for Bids is open to all Suppliers/Manufacturers/Authorized representative / Distributors and in case of imported goods, their Sole Agents / Importer in Pakistan, for **“Supply of Gamma Camera and Exercise Tolerance Testing (ETT) system for Nuclear Medicine Department at SIUT Trust Maryiam Basheer Dawood Children’s Cardiac Hospital”** The importers must possess a valid authorization from the Foreign Principal / Manufacturer and goods sale license issued by the competent authority in Pakistan and in case of manufacturer they should have a documentary proof of valid goods manufacturing license. All national firms duly registered with relevant tax and other authorities as required under the Federal and/or Sindh Government’s laws, statutes, rules and relevant instructions (consistent with Sindh Public Procurement Rules (SPP Rules, 2010), and instructions contained in this document.)
- 2) Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued in accordance with Rule 2 (q) of Public Procurement Rules 2010 and or blacklisted by any other procuring agency in the country.
- 3) The list of goods required, bidding procedures, and contract terms are prescribed in the bidding documents. In addition to the Invitation for Bids, the bidding documents include:
 - a) Instructions to Bidders (ITB)
 - b) General Conditions of Contract (GCC)
 - c) Special Conditions of Contract (SCC)
 - d) Bid Data Sheet
 - e) Schedule of Requirements, Delivery & Price.
 - f) Specifications
 - g) Bid Form
 - h) Bid Security Form
 - i) Form of Bank Guarantee
 - j) Contract Form
 - k) Performance Security Form
 - l) Undertaking and Certificate
 - m) All Documents in “Documents’ Checklist”
 - n) Bid Evaluation Criteria
 - o) Any other document deemed necessary by procuring agency
- 4) Price should be quoted in figures & in printed form only.
- 5) The bid prepared by the Bidder must comprise all the required documents mentioned in **“Documents’ Check-list [Form K]”** and **“Bid Evaluation Criteria [Form J]”**. **The Bid must also include soft copies as mentioned in “Documents’ Checklist” [Form K]; otherwise Bid will be ignored.**
- 6) The prices quoted by the Bidders shall be fixed during the performance of the contract and shall not be subject to variation on any account. A bid submitted with an adjustable price or conditional will be treated as non-responsive and rejected.
- 7) The Bidder shall prepare bid comprising one single envelope containing two separate envelopes for financial proposal and technical proposal in original. The envelope shall be marked as **“FINANCIAL PROPOSAL”** and **“TECHNICAL PROPOSAL”** in bold and legible letters to avoid confusion. The financial and technical bids, each shall be consisting of the specified documents.

In Technical Proposal, the bidder must provide the original data sheet and Technical brochure, Income Tax NTN Certificate, Sales Tax Certificate, Agency certificate and other documents wherever applicable as mentioned in this tender in “Documents’ checklist” and “Bid Evaluation Criteria”; otherwise the bid will be ignored. **Soft copy of Technical Bid/Proposal is mandatory and must be given in separate USB mandatorily on the format given.**

In Financial Proposal, the bidder should provide all financial information along with bid security/earnest money at the rate of 1% of the quoted value. A photocopy of the same should be attached with Technical Proposal but its value must not be disclosed and this can be achieved by placing a piece of paper on the place where amount is mentioned. **Soft copy of Financial Bid/Proposal is mandatory and must be given in separate USB mandatorily on the format given.**

- 8) Bidders shall quote rates on Delivered Duty Paid, and/or CFR/C&F.
- 9) In case Purchase order is issued for imports, the supplier / beneficiary will be entitled / eligible to claim payment of the purchase order amount upon submission of shipping documents.
- 10) In case of imports, following charges will be borne by the beneficiary (Supplier).
 - All charges outside Pakistan.
 - Confirmation Charges.
 - Amendment charges after establishing L/C.
 - Demurrage charges if shipment documents submitted late by supplier.
- 11) In case of Purchase order issued on DDP basis, the suppliers will be entitled / eligible to claim payment of the purchase order amount after delivery of goods by submission of original delivery challan, other related documents and inspection note.
- 12) All the applicable Federal and Provincial Government taxes on the value of the contract amount will be deducted from the bills of the Suppliers.
- 13) Successful Bidders shall have to pay Stamp duty @ 25 paisas per hundred rupees of the contract and affix the same on the Purchase Order/Contract Agreement. The Stamp (Sindh Amendment) Ordinance No: XVIII of 2002 refers). Fee for award of contracts: The service charges at the rate of 0.25% will be paid by the contractor on the amount of contract awarded as required under rule 83-A (1) of the Sindh Purchase Manual 1991.
- 14) The Procuring Agency will initially open only the envelopes marked “Technical Proposal” in the presence of Bidders or their representatives who chose to be present at the time of bid opening date, time and place specified in the tender documents. The Bidder or their representative who are present shall sign the attendance sheet. The envelope marked with “Financial Proposal” shall be retained in the custody of Procuring Agency without being opened till the completion of the Technical Evaluation.
- 15) A photocopy of Bid Security not specifying amount must be attached in technical proposal.
- 16) Bid evaluation will be performed by Technical Committee on the basis of Technical information submitted by the Bidder and verified from samples provided with the Bid. Product that comply with the advertised specifications and fulfill the requirement as per labelling will be considered for evaluation. Financial bids of technical qualified firms will be opened afterwards.
- 17) An interested bidder, who has obtained bidding documents, may request for clarification of contents of the bidding document in writing, and procuring agency shall respond to such queries in writing within three calendar days, provided they are received at least five calendar days prior to the date of opening of bid; Provided further that any clarification in response to

a query by any bidder shall be communicated to all parties who have obtained bidding documents without disclosing the name of bidder who has raised the query.

- 18) At any time prior to the deadline for submission of bids, the Procuring Agency, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, may modify the bidding documents by amendment. All prospective bidders that have received the bidding documents shall be notified of the amendment in writing or by phone, and shall be binding on them. In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the Procuring Agency, at its discretion, may extend the deadline for the submission of bids.
- 19) The bidder is required to offer competitive price. All prices must not include the General Sales Tax (GST) as Procuring Agency is exempt for Sales Tax under Sales Tax Act, 1990 whereas other taxes and duties should be included where applicable. If there is no mention of taxes, the offered / quoted price shall be considered as inclusive of all prevailing taxes/duties. The benefit of exemption from or reduction in the GST or other taxes shall be passed on to the Procuring Agency.
- 20) Prices offered should be for the entire quantity demanded; partial quantity offers shall straightaway be rejected. Conditional offer shall also be considered as non-responsive bid.
- 21) While tendering your quotation, the present trend / inflation in the rate of goods and services in the market should be kept in mind. No request for increase in price due to market fluctuation in the cost of goods and services or any other reason whatsoever, shall be entertained.
- 22) Pursuant to Rule 89 of (SPP Rules, 2010), the bidder shall sign an Integrity Pact in accordance with prescribed format attached hereto.
- 23) All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid.
- 24) The bid shall contain no alterations, omissions, or additions, unless such corrections are initialed by the person or persons signing the bid.
- 25) Incomplete, inaccurate, conditional and late bids shall not be accepted.
- 26) Bids shall be submitted either by the manufacturer or its sole agent, if submitted by the manufacturer itself then bid of authorized sole agent will be rejected. No sublet will be allowed.
- 27) Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price, which is obtained by multiplying the unit price and quantity, or between subtotals and the total price, the unit or subtotal price shall prevail, and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail. If the Bidder does not accept the correction of errors, its bid will be rejected.
- 28) The Procuring Agency reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of contract under the relevant provisions of SPP Rules, 2010, without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the Procuring Agency's action.
- 29) The Procuring Agency reserves the right to increase/decrease or delete the quantities of goods etc. at the time of award of contract and also reserves the right to increase/ decrease the quantity of goods and services originally specified in the contract without any change in unit price or other terms and conditions of goods at any time during the contract period as per SPP Rules, 2010

- 30) Prior to the expiration of the period of bid validity, the Procuring Agency will notify the successful Bidder through Advance acceptance. This will constitute the formation of the contract. Within seven (07) days after receipt of the Advance acceptance, the successful Bidder shall furnish the performance security @ 5% of the contracted amount in the form of Demand Draft/Pay Order/ Bank Guarantee and sign the contract agreement. In case of any full/partial breach of the successful bidder the security will be utilized as per SPP Rules, 2010
- 31) Bid validity can be extended as per SPP Rules, 2010.
- 32) 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 clarifications to the bid that do not change the substance of the bid.
- 33) Distributor once nominated by the manufacturer will be for the whole contract period and manufacturer cannot change its distributor during the year in any case. In exceptional cases the tendering authority may approve changes.
- 34) The manufacturer should provide an undertaking that if his authorized / distributor / agent fails to carry out any assignment in total or in part, manufacturer will be responsible to carry out the same.
- 35) The Procuring Agency, without prejudice to any other remedy for breach of contract by written notice of default sent to the supplier, may terminate the contract in whole or in part and can take action under rule 35 of (SPP Rules, 2010)
 - (a) If the supplier fails to deliver any or all of the contracted items within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency.
 - (b) If the Supplier fails to perform any other obligation(s) under the Contract.
 - (c) If the supplier, in the judgment of the Procuring Agency has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
- 36) Any queries regarding this tender should be sent to the purchase@siut.org. Please mention **“Supply of Gamma Camera and Exercise Tolerance Testing (ETT) system for Nuclear Medicine Department at SIUT Trust Maryiam Basheer Dawood Children’s Cardiac Hospital”**

GENERAL CONDITIONS OF CONTRACT

1. Definitions

1.1 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 Supplier, 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 Supplier under the Contract for the full and proper performance of its contractual obligations.
- (c) **“The Goods”** means all of the Goods, equipment, machinery, and/or other materials, which the Supplier is required to supply to the Procuring agency under the Contract.
- (d) **“The Services”** means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Supplier covered under the Contract.
- (e) **“GCC”** means the General Conditions of Contract contained in this section.
- (f) **“SCC”** means the Special Conditions of Contract.
- (g) **“The Procuring Agency”** means
 - i. Any department or office of Government; or
 - ii. District Government; or
 - iii. Any authority, corporation, body or organization established by law or which is owned or controlled by the Government
- (h) **“The Supplier”** means the individual or firm supplying the Goods and Services under this Contract.
- (i) **“SPP Rules, 2010”** means the Sindh Public Procurement Rules, 2010 (Amended 2019).
- (j) **“Day”** means calendar day.

2. Standards

The Goods & Equipment supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods' country of origin. Such standards shall be the latest issued by the concerned institution.

3. Patent Rights

The Supplier 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 & Equipment or any part thereof in the Islamic Republic of Pakistan.

- 4. Performance Security**
- 4.1 Within seven (07) days, or any other duration as specified in SCC, of receipt of the notification of Contract Award, the successful Bidder shall furnish to the Procuring Agency the Performance Security in the amount specified in SCC.
- 4.2 The proceeds of the Performance Security shall be payable to the Procuring Agency as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 4.3 The performance security shall be denominated in the Pak Rupees and shall be an unconditional Bank Guarantee, Pay Order, Call Deposit as, provided in the bidding documents or another form acceptable to the Procuring Agency;
- 4.4 The performance security will be discharged by the Procuring Agency and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in SCC.
- 5 Inspections and Tests**
- 5.1 The Procuring Agency or its representative shall have the right to inspect and/or to test the Equipment to confirm their conformity to the Contract specifications at no extra cost to the Procuring Agency. The Procuring Agency shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.
- 5.2 Should any inspected or tested Equipment fail to conform to the Specifications, the Procuring Agency may reject the Equipment, and the Supplier shall either replace the rejected Equipment or make alterations necessary to meet specification requirements free of cost to the Procuring Agency.
- 5.4 The Procuring Agency's right to inspect, test and, where necessary, reject the Equipment after the Equipment' arrival shall in no way be limited or waived by reason of the Equipment having previously been inspected, tested, and passed by the Manufacturer.
- 5.5 Nothing in GCC Clause 5 shall in any way release the Supplier from any warranty or other obligations under this Contract.
- 6. Packing**
- The Supplier shall provide such packing of the Equipment as is required to prevent their damage or deterioration during transit to their final destination. 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.
- 7. Delivery and Documents**
- Delivery of the Equipment shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping / transportation and/or other documents to be furnished by the Supplier are specified in SCC.

- 8. Insurance** The Equipment supplied under the Contract shall be delivered consignee's end under which risk is transferred to the Procuring Agency after having been delivered; hence insurance coverage is Supplier's responsibility.
- 9 Transportation** The Supplier is required under the Contact to transport the Equipment to a specified place of destination and shall be arranged by the Supplier, and related costs shall be deemed to have been included in the Contract Price.
- 10 Incidental Services**
- 10.1 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:
- (a) performance or supervision of on-site assembly and/or start-up of the supplied Equipment;
 - (b) Furnishing of tools required for assembly and/or maintenance of the supplied Equipment.
 - (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Equipment;
 - (d) Performance or supervision or maintenance and/or repair of the supplied Equipment, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract.
- 11. Spare Parts**
- 11.1 The Supplier should provide any or all of the notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:
- (a) such spare parts as the Procuring agency may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the Contract; and
 - (b) in the event of termination of production of the spare parts:
 - (i) advance notification to the Procuring Agency of the pending termination, in sufficient time to permit the Procuring Agency to procure needed requirements; and
 - (ii) Following such termination, furnishing at no cost to the Procuring agency, the blueprints, drawings, and specifications of the spare parts, if requested.

12. Warranty

- 12.1 The Supplier warrants that the Equipment supplied under the Contract are new, unused, of desired models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Equipment supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Procuring Agency's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Equipment in the conditions prevailing in the country of final destination.
- 12.2 This warranty shall remain valid as per BOQ (03 Years with parts and service wherever applicable) after the Equipment, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract.
- 12.3 If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, within a reasonable period, the Procuring Agency may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring Agency may have against the Supplier under the Contract.

13. Payment

- 13.1 The method and conditions of payment to be made to the Supplier under this Contract shall be specified in SCC.
- 13.2 The Supplier's request(s) for payment shall be made to the Procuring Agency in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and upon fulfillment of other obligations stipulated in the Contract.
- 13.3 Payments shall be made promptly by the Procuring Agency, but in no case later than forty five (45) days after submission of an invoice or claim by the Supplier.
- 13.4 The currency of payment is Pak. Rupees or on basis of F.O.R/CFR.

14. Prices

Prices charged by the Supplier for Equipment delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Bid.

15. Contract Amendments

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

16. Delays in the Supplier's Performance

- 16.1 Delivery of the Equipment and Performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Agency in the Schedule of Requirements.
- 16.2 If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Equipment and performance of Services, the Supplier shall promptly notify the Procuring Agency in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Procuring Agency shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.
- 16.3 Except as provided under GCC Clause 17 a delay by the Supplier in the

performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages unless an extension of time is agreed upon pursuant to GCC Clause 16.2 without the application of liquidated damages.

17. Liquidated Damages

Subject to GCC Clause 20, if the Supplier fails to deliver any or all of the Equipment 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 SCC of the delivered price of the delayed Equipment or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in SCC. Once the maximum is reached, the Procuring Agency may consider termination of the Contract pursuant to GCC Clause 18.

18. Termination for Default

18.1 The Procuring agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part:

- (a) if the Supplier fails to deliver any or all of the equipment within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency pursuant to GCC Clause 16; or
- (b) if the Supplier fails to perform any other obligation(s) under the Contract.
- (c) if the Supplier, in the judgment of the Procuring Agency has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

19. Force Majeure

19.1 Notwithstanding the provisions of GCC Clauses 16, 17 and 18, the Supplier shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

19.2 For purposes of this clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

19.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Agency in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring agency in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

20. Resolution of Disputes

Resolution of dispute shall be through Mechanism for Redressal of Grievances as provided in the rules or through Arbitration Act, 1940.

21. 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 the same language.

22. Applicable Law

The Contract shall be interpreted in accordance with the applicable laws of Pakistan and SPP Rules, 2010, (Amended 2019).

23. Taxes and Duties

Supplier shall be entirely responsible for all taxes, duties (including stamp duty), license fees, etc., incurred until delivery of the contracted Equipment to the Procuring agency.

24. Overriding effect of Sindh Public Procurement Rules, 2010 (Amended 2019)

In case of conflict or primacy of interpretation the provisions of SPP Rules, 2010 (Amended 2019) shall have an overriding effect notwithstanding anything to the contrary contained in these bidding documents.

SPECIAL CONDITIONS OF CONTRACT (SCC)

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

1. Definitions (GCC – Clause 1)

The Procuring Agency is: Director, Sindh Institute of Urology & Transplantation (SIUT), Karachi.

2. Consignee (GCC – Clause 1)

The consignee is: Sindh Institute of Urology & Transplantation (SIUT), Karachi.

3. Goods (GCC – Clause 1)

“Supply of Gamma Camera and Exercise Tolerance Testing (ETT) system for Nuclear Medicine Department at SIUT Trust Maryiam Basheer Dawood Children’s Cardiac Hospital”

4. Performance Security (GCC Clause 8)

The amount of performance security, as a percentage of the Contract Price, shall be: 5% in the form of Pay order / Demand Draft / Bank Guarantee from any scheduled Bank of Pakistan.

5. Inspections and Tests (GCC – Clause 11)

Representative of Procuring Agency or his nominee shall inspect the procured good and ensure that it meets the tender specifications before its acceptance

6. Packing (GCC – Clause 13)

In addition to the General Condition of the Contract, items supply shall be made with a stamp “For SIUT only” on the packing of the Disposable items.

7. Delivery and Documents (GCC Clause 14)

Supplier shall supply the good within 7-15 days of Purchase Order and shall submit the following.

- a) Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
- b) Packing List identifying the contents of Supply;
- c) Delivery note & Shipping Documents.
- d) Warranty and guarantee certificate;
- e) Undertaking & GD (if applicable)

8. Warranty (GCC – Clause 18)

The equipment shall bear 5 years’ warranty backed by principal with 95% uptime from the date of Handing over for complete system and its associated components/ accessories, labor, detectors, crystal (for all kind of defects except breakage at user’s end),, PMTs, glassware, UPS with batteries, associated peripheral equipment and all consumables must be confirmed by the vendor.

9. Payment (GCC – 19)

Payment for the supply of items will be made after deductions of all applicable taxes, duties, Levies & charges within 30 days from the submission of complete documents for delivery of items.

10. Liquidated Damages (GCC-25)

If the Supplier fails to deliver the goods or perform the services within the time 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 0.07 percent of the Contract Price for each day of delay until actual delivery or performance, up

to a maximum deduction of 10% of the Contract Price. Once the maximum is reached, the Procuring Agency may consider termination of the contract.

11. Resolution of Disputes (GCC – 30)

In the case of a dispute between the Procuring agency and the Supplier, the dispute shall be referred to the dispute resolution mechanism as defined in rule 31, 32 and 34 of the (SPP Rules, 2010 Amended 2019)

12. Applicable Law (GCC – 32)

Contract shall be interpreted in accordance with the Sindh Public Procurement law of Sindh.

13. Taxes & Duties (GCC – 34)

Prices should include all taxes and duties of federal and provincial government except sales tax on goods items as SIUT in exempt as per clause 52A of Sixth schedule to Sales Tax Act, 1990.

BID DATA SHEET

The following specific data for “**SUPPLY OF Gamma Camera for Nuclear Medicine Department at SIUT Trust Maryyam Basheer Dawood Children’s Cardiac Hospital” Karachi**” to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB) Part One. Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

Introduction	
1	Name of Procuring Agency: Director Sindh Institute of Urology and Transplantation, Karachi. Telephone No 99216967 & 99216977
2	Name of Contract. “Supply of Gamma Camera and Exercise Tolerance Testing (ETT) system for Nuclear Medicine Department at SIUT Trust Maryyam Basheer Dawood Children’s Cardiac Hospital” Karachi
Bid Price and Currency	
3	<ul style="list-style-type: none"> • For the Goods offered within the Procuring Agency’s Country: the price quoted shall be on delivered duty paid (DDP) Basis at Consignee’s End. • For the Goods offered from Outside the Procuring Agency’s Country: the price quoted shall be on CFR / C&F Karachi Basis. • For the Goods offered within the Procuring Agency’s Country: the price quoted shall be in Pak Rupees. • For the Goods offered from Outside the Procuring Agency’s Country: the price quoted shall be in Foreign Currency.
Preparation and Submission of Bids	
4	<p>Selection Criteria / Responsiveness Criteria:</p> <ol style="list-style-type: none"> 1. The Bidder should not have been barred by any of Provincial or Federal Govt. Deptt., Agency, Organization or autonomous body or Private sector organization anywhere in Pakistan. (Submission of undertaking on 100/- legal stamp paper). 2. Income Tax Certificate (NTN), valid GST Registration Certificate and the firm must be active tax payer. 3. FDA/CE or any other Quality Certificate must be attached with profile. 4. The Equipment should be brand new and un-used and Proposed Equipment must have manufacturer’s warranty. 5. The Financial bid will be opened of those Bidders who will be qualified in Technical evaluation. 6. The Bidder must have local presence in Karachi in order to provide timely support services. 7. Tender Document duly signed and stamped each page by the Bidder along with complete company profile must be attached with Technical Bid. 8. The SIUT reserve the right to reject any Bid if any one of the above-mentioned Criteria is not fulfilled. 9. Bidder must comply with the requirement of Bid Evaluation Criteria Form [J] and Documents’ checklist Form [K] for submission of Bid. <p>Notes: Bidder must provide necessary supporting documents as proof in respect of the selection criteria mentioned above. Please refer “Instructions to Bidders” Section for further details.</p>
5	Amount of bid security. 1% of Bid amount in shape of Pay Order / Bank Guarantee / Call Deposit.
6	Bid validity period. The period of bid validity shall be 90 days after the deadline of submission of Bids.
7	Clarification may be requested not later than 05 days before the submission date for Clarification of bid purposes only, the Procuring Agency’s address is: The (Procurement Officer) Procurement Department SIUT, Karachi.
8	Number of copies. One Original plus Soft Copy is Mandatory.
9	Amount of Performance Security will be @ 5% of the Bidding amount for the whole agreement period (till expiry of warranty) in the form of Demand Draft/Pay Order/Bank Guarantee from AAA rated scheduled Bank.

10	Stamp Duty shall be affixed on contract @ 0.25% or as applicable of value of supply as per Stamp Duty Act 1899.
11	Bid Evaluation: Best Evaluated Bid

FORMS

[FORM: A]

BID

Tender No. _____

Date: _____

To
Office of the Director
SIUT, Karachi,
Sindh

Having examined the bidding documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver the Equipment, goods and / or specified in the said bidding documents for the sum of **[total bid amount in words and figures]** or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the requirements of this tender and purchase order.

If our Bid is accepted, we will submit Pay Order / Bank Draft / Call Deposit or obtain the guarantee of a bank in a sum equivalent to 5% of the Contract Price for the due performance of the Contract, in the form prescribed by the Procuring Agency.

We agree to abide by this Bid for a period of 90 days or such extended period as agreed from the date fixed for Bid opening as per Tender Notice, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this _____ day of _____ 20_____.

[Signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of

Note: This document should be on the letterhead of the Bidder and should be signed by a person competent and having the power of attorney to bind the Bidder. It should be enclosed inside the **Financial Proposal** by the Bidder.

BID SECURITY / EARNEST MONEY

Please attach a copy of earnest money Pay Order / Bank Draft / Call Deposit on below space.

--

1). Bid Amount

In Figures	
In Words	

2). Earnest Money / Bid Security 1%

In Figures	
In Words	

Note: Total Amount of Bid for the calculation of Earnest Money / Bid Security Should also be accounted for C&F at the rate of exchange seven working days before the date of opening of Bid.

Detailed working must be submitted in price schedule.

BID SECURITY
(In case of Bank Guarantee)

Guarantee No. _____

Amount (PKR) _____

Date of Issue _____

Date of Expiry _____

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

Name of Principal (Bidder) with address: _____

Bid Reference No. _____ Date of Bid _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bid and at the request of the said Principal, we the Guarantor above-named are held and firmly bound into the **Sindh Institute of Urology and Transplantation**, (hereinafter called The Procuring Agency) in the sum stated above, for the payment of which sum well and truly to be made, 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 submitted the accompanying Bid numbered and dated as above for _____ (Particulars of Bid) to the said Procuring Agency; and

WHEREAS, the Procuring Agency has required as a condition for considering the said Bid that the Principal furnishes a Bid Security in the above said sum to the Procuring Agency, conditioned as under:

- (1) that the Bid Security shall remain valid for a period of twenty-eight (28) days beyond the period of validity of the bid;
- (2) that in the event of;
 - (a) the Principal withdraws his Bid during the period of validity of Bid, or
 - (b) the Principal does not accept the contract of his Bid Price, pursuant to Clause 24 of Instructions to Bidders, or
 - (c) failure of the successful bidder to
 - (i) furnish the required Performance Security, in accordance with Clause 24 of Instructions to Bidders, or
 - (ii) sign the proposed Contract Agreement, in accordance with Clause 24 of Instructions to Bidders, the entire sum be paid immediately to the said Procuring Agency for delayed completion and not as penalty for the successful bidder's failure to perform.

NOW THEREFORE, if the successful bidder shall, within the period specified therefore, on the prescribed form presented to him for signature enter into a formal Contract Agreement with the said Procuring Agency in accordance with his Bid as accepted and furnish within seven (07) days of receipt of Letter of Acceptance, a Performance Security with good and sufficient surety , as may be required, upon the form prescribed by the said Procuring Agency for the faithful performance and proper fulfilment of the said Contract or in the event of non- withdrawal of the said Bid within the time specified then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.

PROVIDED THAT the Guarantor shall forthwith pay to the Procuring Agency the said sum stated above upon first written demand of the Procuring Agency without cavil or argument and without requiring the Procuring Agency to prove or to show grounds or reasons for such demand, notice of which shall be sent by the Procuring Agency by registered post duly addressed to the Guarantor at its address given above.

PROVIDED ALSO THAT the Procuring Agency shall be the sole and final judge for deciding whether the Principal has duly performed his obligations to sign the Contract Agreement and to furnish the requisite Performance Security within the time stated above, or has defaulted in fulfilling said requirements and the Guarantor shall pay without objection the sum stated above upon first written demand from the Procuring Agency forthwith and without any reference to the Principal or any other person.

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

Guarantor (Bank)

Witness:

1. Signature _____

1. _____

2. Name _____

Corporate Secretary (Seal)

3. Title _____

2. _____

(Name, Title & Address)

Corporate Guarantor (Seal)

[FORM: C]

Undertaking

WHEREAS [Bidder Name] hereby undertake against the Tender No. _____ to abide by the following clauses.

- a) Whether our tender accepted for total, partial or enhanced quantity for all or any single item. I/We also agree to supply and accept the said item(s) at the rates for the supply of contracted quantity within the stipulated period shown in the contract.
- b) We understand and confirm the refund of cost difference if the same equipment is/was supplied at lower rates to any other Govt./Semi Govt. or other institution in the province in the same fiscal year.
- c) If any of the information submitted in this tender is found incorrect, our contract may be cancelled at any stage on our cost and risk.

[Signature for and on behalf of Bidder]

[Date]

Note: This undertaking should be on a stamp paper of Rs. 100/- arranged by the Bidder. It should be enclosed inside the Technical Proposal by the Bidder.

[FORM: D]

Certificate

To
Office of the Director
SIUT, Karachi,
Sindh

WHEREAS [Bidder Name] hereby certify against the Tender No. _____ to abide by the following clauses.

- a) We guarantee to supply the equipment, stores and / or services in accordance with the requirement specified in the tender documents.
- b) We guarantee that the supplied medical equipment/machinery is the original and brand new product.
- c) Our firm is not black listed by any organization / Government Department.

Authorized Sign & Stamp

[Bidder Name]

Note: This certificate should be on the stamp paper of Rs. 100 and should be signed by a person competent and having the power of attorney to bind the Bidder. It should be enclosed inside the Technical Proposal by the Bidder.

ON STAMP PAPER

**[FORM: E]
CONTRACT**

Applicable Stamp Duty should be paid either by Stamp Paper or through adhesive Stamps.

THIS AGREEMENT made the ____ day of _____ 20____ between [name of Procuring Agency] of [city and country of Procuring Agency] (hereinafter called "the Procuring Agency") of the one part and [name of Supplier] of [city and country of Supplier] (hereinafter called "the Supplier") of the other part:

WHEREAS the Procuring Agency invited bids for certain equipment and ancillary services, viz., [brief description of equipment and services] and has accepted a bid by the Supplier for the supply of those equipment and services in the sum of [contract price in words and figures] (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - (a) the Bid Form and the Price Schedule submitted by the Bidder;
 - (b) the Schedule of Requirements;
 - (c) the Technical Specifications;
 - (d) the General Conditions of Contract;
 - (e) the Special Conditions of Contract; and
 - (f) the Procuring Agency's Notification of Award and
 - (g) The Bidding Documents.
3. In consideration of the payments to be made by the Procuring Agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring Agency to provide the equipment and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Procuring Agency hereby covenants to pay the Supplier in consideration of the provision of the equipment and services and the remedying of defects therein, 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.
5. This agreement may be intended as will be mutually agreed by the parties hereto.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Procuring Agency

Supplier

Authorized Signature & Official Stamp

Authorized Signature & Official Stamp

Procuring Agency Name

Bidder Name

Address

Address

Contact No.

Contact No

PERFORMANCE SECURITY

Option 1 = Pay Order /Bank Draft / Call Deposit

Option 2 = Bank Guarantee

[FORM: F]

BANK GAURANTEE

To:
Office of the Director
SIUT, Karachi,
Sindh

Guarantee No. _____

Amount (PKR) _____

Date of Issue _____

Date of Expiry _____

Whereas **[Name of Bidder]** (hereinafter called "The Supplier") has undertaken, in pursuance of Contract No. **[Number]** dated **[date]** to supply **[description of Equipment]** (hereinafter called "the Contract").

And whereas it has been stipulated in the said Contract that the Supplier shall furnish to the Procuring Agency with a scheduled bank for the sum of 5% of the total Contract amount as Security for compliance with the Supplier’s performance obligations in accordance with the Contract.

And whereas we have agreed to provide a Guarantee: for the said Supplier.

Therefore, we hereby unconditionally and irrevocably guarantee, on behalf of the Supplier, up to a total of **[Amount of the Guarantee in Words and Figures]** and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without requiring the Procuring Agency to initiate action against the Bidder and without cavil or argument any sum or sums within the limits of **[Amount of Guarantee]** as aforesaid. The amount stated in the demand made under this guarantee shall be conclusive proof of the amount payable by the Guarantor under this guarantee.

The obligations of the Guarantor under this guarantee shall be valid for **[Period]** after the completion of delivery of supplies by the Bidder to the Procuring Agency of the full quantity of the goods for which this Guarantee is being given, and until all and any obligations and sums due have been paid in full.

Guarantor (Bank)

Witness:

1. Signature _____

1. _____

2. Name _____

3. Title _____

Corporate Secretary (Seal)

2. _____

(Name, Title & Address)

Corporate Guarantor (Seal)

**SINDH INSTITUTE OF UROLOGY AND TRANSPLANTATION (SIUT)
Vendor Information Form**

Company Name:				
N.T.N #				
Contact Person Name		Tel No.	Cell #	
Designation		Email		

Entity Type				
1. Private <input type="checkbox"/>	2. Public <input type="checkbox"/>	3. NGO <input type="checkbox"/>	4. Sole Proprietor <input type="checkbox"/>	5. Partnership <input type="checkbox"/>

Type of Business				
1. International Manufacturer <input type="checkbox"/>	2. Domestic Manufacturer <input type="checkbox"/>	3. Importer <input type="checkbox"/>	4. Distributor <input type="checkbox"/>	5. Supplier <input type="checkbox"/>

Details of Owners / Management				
Name	Designation	Dir Tel No.	Email	CNIC No.

Principle Product and Services			
1)	3)	5)	
2)	4)	6)	

Registered Office			
Address:			
State / Province		District	
City		Country	
Tel (Office)		Cell No.	
Fax		Email	
Website (URL)		Zip Code	

Work Office			
Address:			
State / Province		District	
City		Country	
Tel (Office)		Cell No.	
Fax		Email	
Website (URL)		Zip Code	

Please specify below the names & designations of the employees of SIUT to whom Owner/CEO/Management of your firm has relationship.

S. No	Name	Designation	Relationship
1			
2			
3			

If no data is filled in the above table and subsequently any information contrary to above facts will come in notice of SIUT then, in addition to other action, SIUT may terminate Purchase Contract at the cost of Supplier.

All information given above are true and correct.

Authorized Person

Stamp of the Company

Copies to be attached: -

- a) CNIC of Owners/Top Management
- b) CNIC of Company Representative

[FORM: J]
BID EVALUATION CRITERIA

Please fill out the “Mandatory Section” here and submit the “Marking Section” in the “Technical Schedule (Form-G)”.

S. No	Info Required	MANDATORY SECTION	Page No.
1	Technical	Registration with Income Tax – NTN (Attach Certificate)	
2	Technical	FBR – Active Tax Payer Status: (a) Income Tax (b) Sales Tax & (c) SRB status, wherever services are applicable.	
3	Technical	a) General Sales Tax Registration for goods b) Sindh Sales Tax (if applicable) registration with Sindh Revenue Board (Attached Certificate)	
4	Technical	Professional Tax Certificate – Attach evidence	
5	Technical	Copy of the Pay order / Bank Draft of Bid security / Earnest money should be attached without showing the amount along with technical bid documents (Original bid security should be attached with financial proposal)	
6	Technical	Compliance of Terms & Conditions / Instructions in the Bidding Documents (Must submit the entire BIDDING DOCUMENTS, duly signed & stamped on each page with Technical Proposal)	
7	Technical	Submission of undertaking on legal valid and attested stamp paper that the firm is not blacklisted by any institute of Federal, Provincial Government or any Organization anywhere in Pakistan (Certificate should be attached as sample FORM ‘D’)	
8	Technical	Company’s detailed profile.	
9	Technical	Valid Authorization letter of Manufacturer	

Non- Compliance to any above Mandatory Requirement will result to non-eligibility of Bidder

S. No	Info Required	EVALUATION CRITERIA FOR APPLICANT (G1)	Max Points
1	Technical	Annual Turnover / Sales of Applicant (Sales) for Last Three Years Above 400 Million = 15 100 Million up to 400 Million = 10 Upto 100 Million = 5	15
	Technical	Current Working Capital	10
	Technical	Audited Financial Statement of Applicant for Last Two Years	10
	Technical	Income Tax Return of Applicant for the Last Two Years	10
	Technical	Satisfactory / Performance Certificate from more than 300 bed Government hospitals. Above 2 Hospitals = 15 Above 1 to 2 Hospitals = 10 Upto 1 Hospitals = 5	15
	Technical	Satisfactory / Performance Certificate From more than 300 bed Private hospitals. Above 2 Hospitals = 15 Above 1 to 2 Hospitals = 10 Upto 1 Hospitals = 5	15
	Technical	License to Import by DRAP (Attach Evidence) of applicant	15
	Technical	ISO certificate 9001 :2015 (Attach evidence) of Manufacturer	10
	Total		100

Only Bidders who meet the minimum passing score of 60% will be eligible for further evaluation in the Product evaluation stage.

S. No	Info Required	EVALUATION CRITERIA FOR PRODUCT (G2)	Max Points
1	Technical	<p>Conformity to the Technical Specifications</p> <p>a) Offered item / sample fully compliant with the required Specifications Points = 40</p> <p>b) Offered item / Sample compliant with minor deviation ≤ 10% from the required specifications and quality Points = 25</p> <p>c) Major deviation(s) from Tender Specification or substandard Sample Points = 0</p>	40
2	Technical	<p>Previous Experience of Quoted Product in Government Hospital with minimum 300 bed capacity. (05 Marks for each Institute) (The bidder shall submit a summary of institutional sales, supported by corresponding POs and their respective DC, covering the period from Jan, 2023 onward. This summary must be provided on a stamp paper of Rs. 100, duly notarized/Legalized, and must be submitted along with copies of the relevant POs and DCs. Please note that only POs accompanied by duly acknowledged DCs from the respective institutions.)</p>	15
3	Technical	<p>Previous Experience of Quoted Product in Private Sector Hospital with minimum 300 bed capacity. (05 Marks for each Institute) (The bidder shall submit a summary of institutional sales, supported by corresponding POs and their respective DC, covering the period from Jan, 2023 onward. This summary must be provided on a stamp paper of Rs. 100, duly notarized/Legalized, and must be submitted along with copies of the relevant POs and DCs. Please note that only POs accompanied by duly acknowledged DCs from the respective institutions.)</p>	15
4	Technical	Accredited by WHO, US-FDA, EMA, MHRA, TGA, PMDA, Swiss medic or Health Canada or by the SRA's (Attach relevant documents duly attested by senior executive)	10
5	Technical	Enlistment/Registration with DRAP (Attached Evidence)	10
6	Technical	ISO certificate: 13485:2016/2021and ISO 14001:2015.of Manufacturer (Attach evidence)	10
Total			100

Minimum 60 marks required out of 100 for pass the Product evaluation.

Qualifying Marks: 60 %.

Financial bids of only “Technically Responsive Bidders” will be opened.

Note:

- i) If no evidence is attached for any technical specification mentioned above then the response will be considered as negative even if “Yes” is given in the Technical Schedule.
- ii) The technical evaluation carried out by the Procurement Committee SIUT, Karachi will be final which will be assessed on technical aspect and clinical experience basis of the Consultant (s) in the relevant specialty. In case no firm fulfills the scoring criteria, the procurement committee remarks will be considered as final.
- iii) Hardcopy & Softcopy of this Form-J is mandatory

Delivery Schedule:

Items are to be supplied within 7 to 15 days from the date of Purchase Order, in case of imports by SIUT, items should be supplied within 45 days.

**[FORM K]
DOCUMENTS' CHECKLIST**

Please fill out the last 2 columns of this sheet and submit the hard copy along with soft copy.				
S. No	Info Required	Documents	Yes /No	Page No
1	Technical	Bid Letter [Form A]		
2	Technical	Tender Purchase Receipt (Original)		
3	Technical & Financial	Bid Security [Pay Order/Bank Draft on Form B1] [Bank Guarantee as per Form: B2]		
4	Technical	Undertaking as per [Form C]		
5	Technical	Certificate as per [Form D]		
6	After Award	Contract Agreement as per sample [Form E] [applicable after Award Letter]		
7	After Award	Performance Security / Pay order / Bank Draft / Bank Guarantee as per sample [Form F] [applicable after Award Letter]		
8	Technical	Technical Schedule [Form G1, G2] (Soft copy is also compulsory)		
9	Technical	Delivery Schedule (Included in Form-H,)		
10	Financial	Price schedule [Form H] (Soft copy is also compulsory)		
11	Technical	Vendor Information [Form I] (Soft copy is also compulsory)		
12	Technical	Bid Evaluation Criteria [Form J] (Soft copy is also compulsory)		
13	Technical	Documents' Check List [Form K] (Soft copy is also compulsory)		
14	Technical	Technical Integrity Pact [Form L]		

Documents are to be filled in the Bid in above sequence.

BIDDER'S DETAILS:

Bidder Name: _____

Address: _____

Tel No: _____

Fax No: _____

Contact Person: _____

Mobile No: _____

Email Address: _____

Notes: All the participants are hereby requested to read the instruction, General, Special Condition and Evaluation Criteria of Bid carefully because no additional documents will be entertained Considered after opening of the bids. Bid evaluation and technical evaluation would be Carried out only on the basis of documents provided in the bid.

SOFT COPIES:

1. **Soft copy of Technical bid/Schedule of items quoted by Bidder is also mandatory according to our given format. [Form G]**
2. **Soft copy of Financial Bid/Price schedule is mandatory according to our given format. [Form H]**
3. **Soft copy of Vendor Information is also mandatory according to our given format with attachments. [Form I]**
4. **Soft copy of "Bid Evaluation Criteria" duly filled must be enclosed. [Form J]**
5. **Soft copy of "Documents' checklist" is mandatory according to our format above. [Form K]**
6. **Scanned copy of all Technical & Financial Document must be provided on USB separately.**

INTEGRITY PACT

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

Contract Number: _____

Dated: _____

Contract Value: _____

Contract Title: _____

_____ 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, _____ 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, from Procuring Agency (PA), except that which has been expressly declared pursuant hereto.

_____ 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.

_____ 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, _____ 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 _____ 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.

[Procuring Agency]

[Supplier /Contractor/Consultant]

**Supply of Gamma Camera for Nuclear Medicine Department at SIUT Trust
Maryiam Bashee Dawood Children's Cardiac Hospital Karachi.**

EQUIPMENT # 01

- The manufacturer of quoted equipment must be of USA/ Europe/ Japan origins only.
- The medical equipment must comply with FDA (Food & Drug Administration) and CE (Medical Device Directive) for specific quoted model.
- The firms must quote their leading brands from the above-mentioned origins with the proven past performance nationally and internationally. The firm must possess its related back up support services including trained engineers, workshop facilities, spare parts availability and repair/calibration tools.
- The firm/s should have proper technical services infrastructure setup to install and maintain the system in Karachi.

DUAL DETECTOR VARIABLE ANGLE GAMMA CAMMERA SYSTEM

Dual Head whole body variable angle gamma camera system for planar, whole body and clinical SPECT acquisitions.

The system should meet the following minimum requirements;

Detectors:

- Minimum usable FOV: 52 cm x 38 cm
- At least 56 photomultiplier tubes (PMTs) per detector.
- Detector crystal thickness= 3/8 in.
- Usable energy range 50-511 keV.
- Capable of setting detectors at 180°, 90°
- The System must meet or exceed the following minimum NEMA performance parameters:
 - Intrinsic flood field uniformity at 20% window and 30 kcps (Tc-99m) UFOV must be:
 - UFOV integral $\leq 4.0\%$,
 - UFOV diff. $\leq 3.0\%$;
 -
 - Energy Resolution 10% for Tc-99m (140 keV)
 - Spatial resolution: Intrinsic spatial resolution (Tc-99m, 20% window)
 - UFOV FWHM $\leq 4\text{mm}$;
 - CFOV FWHM $\leq 4\text{mm}$;

Gantry

- The SPECT gantry must support circular and non-circular orbits.
- SPECT gantry to have auto contour, with infrared real-time body contouring should be standard with system to minimize patient to collimator in Whole Body and SPECT non-circular orbit acquisition modes.
- All motorized motions of the system should be controlled from the hand controller.
- Patient positioning monitor for patient positioning with window and persistence

adjustment, Camera information (detector and bed positions) and Gantry control (reconfiguration, collimator change, offset zoom) etc should be included.

- The gantry shall have safety features including emergency stop buttons, and patient contact
- Patient collision sensors on each collimator is must.
- Gantry should have a rotation range of 540°
- Gantry should have a caudal tilt function of detectors; the tilting range of detectors to be mentioned in the offer.

Patient Table

- The table must be made from very low attenuation material (<10%) for 140 KeV.
- The table should have a load capacity of at least 200 kg.
- The whole body scan length should be minimum 190 cm or longer.
- Patient bed should have an adjustable height with a minimum position of 60 cm or less for easy patients loading/ unloading.
- Standard accessories for improved patient comfort and positioning accessories with the imaging table; mattress, arm-holder for WB-, arm-head-holder for heart- examinations, knee support, shoulder and head support must be included in the quote.

Acquisition Console:

Independent Workstation to be placed in the control room, with hardware and software for independent acquisition, reconstruction, quality controls, processing and viewing functions.

The System should be latest state of the art high performance CPU capable of performing the multitasking, parallel processing and running two studies simultaneously, with high capacity DICOM compatible storage, archiving, filming/ printing and network communications. Supplied systems should be fully compliant for PACS, HMIS connectivity with all relevant hardware and software with permanent licenses included in the quote.

The offer must include 10 year's assurance of Hardware/ software support for workstation station. Hardware and software should be upgradable to any time in future as per demand.

System should be DICOM ready comprising the functions Send/Receive, Query/Retrieve, Basic Print, Work list, Storage Commitment and MPPS (Modality Performed Procedure Step).

Acquisition Console should have Hi-resolution Medical grade LCD / TFT monitor of minimum 19 inch-2MP, dual monitors shall be preferred.

Independent acquisition console should be capable of doing the following clinical acquisitions;

- Planar/ static
- Dynamic
- Whole Body
- SPECT
- Whole body SPECT

- Gated, Multi gated SPECT

The system must have an ECG trigger for gated studies.

Collimators:

The System must have the following set of collimators including collimators carts:

- Low Energy High Resolution (LEHR).
- Low Energy General Purpose (LEGP).

Quality Control (QC) procedures:

The System must have built-in QA/QC protocols and should be able to perform the following corrections:

- Uniformity.
- Energy.
- Linearity.
- Spatial Resolution
- Automatic PMT tuning.

The System should be supplied with all necessary tools including the SPECT phantom required to carry out the regular quality control procedures.

Processing and Reporting Workstation:

The System should be latest state of the art high performance CPU capable of performing the multitasking, parallel processing and running two studies simultaneously, with high capacity DICOM compatible storage, archiving, filming/ printing and network communications.

Supplied systems should be fully compliant for PACS, HMIS connectivity with all relevant hardware and software with permanent licenses included in the quote.

The offer must include 10 year's assurance of Hardware/ software support for workstation station. System should be DICOM ready comprising the functions Send/Receive, Query/Retrieve, Basic Print, Work list, Storage Commitment and MPPS (Modality Performed Procedure Step).

Workstations should have Hi-resolution Medical grade LCD / TFT monitor of minimum 19 inch-2MP, dual monitors shall be preferred.

Hardware and software should be upgradable to any time in future as per requirement.

Clinical Applications Software:

- Fast post processing having Workflow based architecture, DICOM networking, printing, User configurable displays, 3D Orientation, Image Fusion etc.
- The system should cater to a range of clinical analyses, including but not limited to cardiac planar studies, gated blood pool imaging, shunt analysis, lung ventilation and perfusion imaging, thyroid analysis, esophageal imaging, renal analysis, gastric emptying analysis, cerebral perfusion imaging and hepatobiliary studies.
- Iterative reconstruction software shall include software packages to perform all routine clinical analyses, as well as SPECT reconstruction with both filtered back-projection and iterative algorithm.
- Quality Control Features such as Sinogram, Linogram, and summed image cine with reference line, Automatic and Manual Motion Correction, Image Fusion.
- All standard SPECT, Whole body imaging and Planar such as general static, dynamic clinical applications packages including Display Analysis software, 3-D volume rendering display with

Maximum intensity projection (MIP), Cine review capability, curve generation and time activity curve, and image manipulation tools.

- Filtered back projection & Iterative reconstruction, PSF based reconstruction algorithm software for SPECT studies
- Complete Renal processing software including renal analysis, transplant Evaluation, package for GFR, ERPF, renal Extraction Fraction, De-convolution analysis.
- Thyroid Uptake and thyroid volume.
- Hepatobiliary studies.
- Hepatic extraction fraction and gall bladder ejection fraction.
- Gastric emptying analysis.
- Cerebral perfusion imaging.
- Condensed dynamic image program for esophageal transit studies and gastric emptying software.
- Lung perfusion & ventilation, left to right lung ratio.
- Bone Static, three phase and SPECT with 3-D display.
- 3-D bone reconstruction program.
- Whole body SPECT processing software.
- Image subtraction & addition software should be available for all types of images Image output format should include JPEG, TIFF, AVI and multimedia reporting tool with self-executable CD creation software.
- Complete Cardiac 4DM package including but not limited to First Pass EF and Cardiac Shunt quantification studies, Gated equilibrium, MUGA SPECT, Myocardial Perfusion (Planar and SPECT including Bulls eye), and gated SPECT.

Printer:

DICOM compatible **network supported** color printer suitable for printing diagnostic quality clinical images must be included.

UPS:

- True online Ups to run the whole system with minimum 6KVA with 20 minutes backup.

The following Hot lab items should be included in the offer;

1. Digital Survey Meter- (Quantity: 02)

Multipurpose portable digital survey meters complete with pancake probe and dose rate probe shall be supplied along with suitable transport cases. The instrument shall have a dose rate range of 0.1 $\mu\text{Sv/h}$ to 100 mSv/h or better, and a dose range of 0 to 999 Sv. The energy response shall be $\pm 30\%$ or better within the energy range of 0.05 to 3 MeV with reference to Cs-137 gamma radiation. The unit shall be capable of beta flux measurement in the range of 10 to 10^3 cpm/cm^2 or better. The instrument shall be provided with a minimum 3-digit LCD display for dose and dose rate indication, equipped with backlight facility and USB interface for data transfer. The response time shall be 1–5 seconds or better.

2. Dose Calibrator with Printer and Calibration Sources- (Quantity: 02)

A beta/gamma radioisotope dose calibrator with integrated printer and complete set of calibration sources is required. The unit shall be capable of measuring radiopharmaceutical doses up to at least 10 Ci. The energy measurement range shall be from 25 keV to 3 MeV or wider. The system accuracy shall be less than or equal to 5%, and dose linearity shall also be less than or equal to 5%. The equipment must be suitable for reliable and precise activity measurement in routine nuclear medicine applications.

Calibration Sources Details:

The calibration sources to be supplied with the system shall include the following:

1. Cesium Source (Cs-137):

The radionuclide shall be Cesium-137 (Cs-137) with an activity of approximately 300 μ Ci at the date of calibration. The source shall be supplied in a 30 ml polyethylene plastic bottle with an active volume of 20 ml.

2. Cobalt Source (Co-57):

The radionuclide shall be Cobalt-57 (Co-57) with an activity of approximately 5–6 mCi at the date of calibration. The source shall be supplied in a 30 ml polyethylene plastic bottle with an active volume of 20 ml.

3. Barium Source (Ba-133):

The radionuclide shall be Barium-133 (Ba-133) with an activity of approximately 300 μ Ci at the date of calibration. The source shall be supplied in a 30 ml polyethylene plastic bottle with an active volume of 20 ml.

All calibration sources shall be properly certified, clearly labeled, and traceable to national or international standards.

3. Co-57 Rectangular Flood Source & Rad shield case or Rad scooter- (Quantity: 01)

Co-57 Rectangular Flood Source shall be supplied. The radionuclide shall be Cobalt-57 (Co-57) with an activity of 10 mCi (370 MBq) at the time of calibration. The source shall consist of Co-57 uniformly distributed in an epoxy matrix, with backing and cover made of durable ABS plastic.

The active area of the source shall measure approximately 617 mm \times 423 mm. The source type shall be a rectangular flood source suitable for gamma camera uniformity and quality control procedures.

A radiation shield case or shielded transport carrier (rad scooter) shall also be provided for the Co-57 flood source to ensure safe handling, storage, and transportation in compliance with radiation safety standards.

4. Injection Chair- (Quantity: 04)

Injection chairs shall be supplied, designed for patient comfort and stability during injection procedures. The overall dimensions of the chair shall be approximately 23 inches (58.5 cm) in length and 43 inches (109 cm) in width.

The seat dimensions shall be 16 inches (40.6 cm) in length, 17 inches (43 cm) in width, and 20 inches (51 cm) in height. The arm height shall be adjustable from 27 inches to 33 inches (69 cm to 84 cm) to accommodate different patient requirements. The width between the arms shall be 20 inches (51 cm).

The frame construction shall consist of heavy 1.25-inch (3 cm) square steel tubing, with chromed steel uprights to ensure durability, strength, and stability during use.

5. Syringe Shields

The following syringe shields for Tc-99m shall be supplied:

- 3 cc syringe shield for Tc-99m- **(Quantity: 05 units)**
- 5 cc syringe shield for Tc-99m- **(Quantity: 03 units)**
- 10 cc syringe shield for Tc-99m- **(Quantity: 03 units)**

All syringe shields shall be suitable for safe handling and administration of Tc-99m radiopharmaceuticals, providing adequate radiation attenuation and ensuring operator protection.

6. Shielded syringe carriers- (Quantity: 02)

Shall be provided for the safe storage and transportation of Tc-99m syringes (3 cc, 5 cc, and 10 cc). The carriers shall be properly shielded and designed to ensure radiation safety during handling and movement within the facility.

7. Bar Phantom- (Quantity: 01)

Four-quadrant bar phantoms shall be provided for the precise determination of camera intrinsic resolution, collimator spatial resolution, field size, and linearity during quality control procedures.

Approximate

The phantom shall be of rectangular design with overall dimensions of approximately 22.25 inches (56.5 cm) in length, 17 inches (43.2 cm) in width, and 0.5 inches (1.27 cm) in height.

Specifications:

The lead bar widths shall include 0.079 inches, 0.098 inches, 0.118 inches, and 0.138 inches (equivalent to 2 mm, 2.5 mm, 3 mm, and 3.5 mm respectively).

The usable field across the bar configurations shall measure approximately 21 inches (53.3 cm) in length and 15.9 inches (40.5 cm) in width.

The phantom shall be suitable for routine nuclear medicine imaging system performance evaluation and quality assurance testing.

8. Hot Pot- (Quantity: 02)

Hot Pots shall be supplied for use in radiopharmaceutical preparation and related procedures.

Approximate Specifications:

The unit shall be designed to eliminate splashes from boiling water, ensuring safe and clean operation. It shall feature digital temperature control for accurate and consistent heating. A built-in countdown timer with automatic shut-off function shall be provided to enhance operational safety and convenience.

The Hot Pot shall be equipped with 1 mm lead shielding on all sides to ensure adequate radiation protection during use. The temperature setting range shall be adjustable from 5 °C to 160 °C (41 °F to 320 °F).

The equipment shall be suitable for safe, reliable, and routine use in nuclear medicine laboratory settings.

9. Forceps- (Quantity: 03)

Surgical forceps to handle vials, ampules in hot lab, made up of surgical grade steel.

10. Lead Vial Shield- (Quantity: 15)

A vial shield shall be supplied for safe handling and storage of 10 ml radiopharmaceutical vials, providing adequate radiation protection during routine nuclear medicine procedures.

Approximate Specifications:

- **Outer Dimensions (O.D.):** 1.7 inches diameter × 3.0 inches height (4.3 × 7.6 cm)
- **Inner Dimensions (I.D.):** 1.05 inches diameter × 2.24 inches height (2.7 × 5.7 cm)
- **Lead Shielding Thickness:** 1.5mm
- **Vial Accommodation:** Suitable for standard 10 ml vials

The shield body shall be machined to precisely fit the vials, ensuring ease of use while providing maximum protection from radiation exposure.

11. Jaszczak SPECT Phantom- (Quantity: 01)

The Jaszczak SPECT Phantom shall be supplied to provide consistent performance evaluation for any SPECT system. It should allow multiple performance characteristics of camera-based SPECT systems to be assessed from a single scan, supporting routine quality control and system calibration.

Specifications:

- **Cylinder Interior Dimensions:** 8.5 inches diameter × 7.32 inches height (21.6 × 18.6 cm)
- **Cylinder Wall Thickness:** 0.125 inches (3.2 mm)
- **Volume:** 6.8 liters

The phantom shall be constructed for durability and precision, ensuring reliable and reproducible results during SPECT imaging system evaluation.

12. Lead-Lined Phantom and Storage Cabinet- (Quantity: 01)

The cabinet shall be fully lead-lined on all six sides with a minimum lead equivalence of 3 mm thickness to ensure adequate radiation protection. The unit shall combine shielded drawer storage with a dedicated compartment for flood sources and phantoms. The phantom storage compartment shall accommodate flood phantoms up to 23 inches in size. The cabinet shall be designed to support organized, secure, and radiation-safe storage of radioactive materials and accessories used in routine nuclear medicine operations. The overall construction shall be robust, corrosion-resistant, and suitable for installation in a hospital hot lab environment. The supplied unit shall comply with applicable radiation safety regulations and relevant statutory requirements.

Dimension: Approx. (93x61x93 cm)

13. Lead-Lined Tc-99m Unit Dose Cabinet- (Quantity: 01)

The bidder shall supply, install, and commission one (01) Lead-Lined Storage Cabinet for use in the Nuclear Medicine Department. The cabinet shall include appropriately designed compartments to house a dose calibrator and a Tc-99m generator. The cabinet shall be fully lead-lined on all six sides with a minimum lead equivalence of 3 mm thickness to ensure adequate radiation protection. It shall include shielded drawer storage. The unit shall be suitable for organized and secure storage of radioactive materials and accessories used in routine nuclear medicine operations and shall comply with applicable radiation safety regulations.

Dimension: Approx. (93x61x93 cm)

14. Lead-Lined Sink and Waste Cabinet- (Quantity: 01)

The bidder shall supply, install, and commission one (01) Lead-Lined Sink and Waste Cabinet for radioactive waste handling in the Nuclear Medicine Laboratory. The cabinet shall provide minimum 3 mm Pb equivalent lead shielding, except for the sink storage area. The approximate dimensions shall be 36.5 inches (W) × 24 inches (D) × 36 inches (H). The unit shall include a stainless steel sink with backsplash and key-lockable door, and shall comply with applicable radiation safety and waste management regulations.

Dimensions: Approx 36.5 inches (W) × 24 inches (D) × 36 inches (H).

15. Lead Vinyl Sheets- (Quantity: 04)

Lead vinyl sheets shall be supplied for radiation shielding applications in nuclear medicine and related laboratory environments. Each sheet shall have a lead thickness of 0.5 mm Pb or less, providing effective attenuation of low-energy gamma and X-rays. The sheets shall measure approximately 350 mm × 700 mm, or may be supplied in roll form for easier handling and installation. The material shall be flexible, durable, and suitable for lining surfaces, walls, or equipment as required for radiation protection.

16. Decontamination Kit- (Quantity: 01)

Decontamination kit shall be supplied, designed to provide full protection during handling of radioactive spills or contamination. The kit shall include all necessary protective clothing and accessories required for safe decontamination procedures, ensuring operator safety and compliance with radiation safety protocols in nuclear medicine and Radiopharmacy environments.

17. Moly Assay Canister- (Quantity: 06)

Moly assay canisters shall be supplied for measuring the molybdenum (Mo-99) content in Tc-99m vials, ensuring that Mo-99 contamination remains within NRC or state regulatory limits. The canisters shall be compatible for use with all dose calibrators and it accommodate all vials up to 30 ml.

Specifications:

- **Overall Height (including wire handle):** 10.06 inches (25.5 cm)
- **Handle Width:** 3.75 inches (9.5 cm)
- **Canister Diameter:** 2.10 inches (5.3 cm)
- **Canister Height:** 3.68 inches (9.3 cm)
- **Lead Thickness:** 0.5 inches (1.2 cm)

The canisters shall provide safe and reliable shielding during Mo-99 assays, ensuring accurate measurements and operator protection.

18. Vial/Syringe Dipper - (Quantity: 06)

Vial/Syringe Dipper to be used in hot lab with dose calibrator for holding syringes and vials of all sizes

19. Chamber Well Insert- (Quantity: 03)

In order to protect dose calibrator's chamber well, in case it becomes contaminated.

20. Gallon Step Waste Can- (Quantity: 03)

A radiation shielded waste container shall be supplied to reduce hand exposure during handling of radioactive waste. The container shall measure approx 23 inches in height, 12 inches in depth, and 12 inches in width (58.4 × 30.5 × 30.5 cm) with a circumference of 48 inches (121.9 cm). It shall have a total capacity of 12 gallons (45.4 kg) and weigh approximately 80 lb (36.3 kg). The container shall be shielded and constructed in such a way to provide safe storage and handling of radioactive materials while minimizing radiation exposure to personnel.

21. Injection Stand- (Quantity: 04)

An injection stand shall be supplied to allow fast and comfortable arm positioning for radionuclide injections. The stand shall be height-adjustable approximately from 29 inches

to 44 inches (74 to 112 cm) to accommodate different patient and operator needs. The base of the stand shall measure 17.5 × 17.5 inches (44.5 × 44.5 cm), providing stability during use while ensuring ease of movement within the procedure area.

22. Injection/Resting Chair- (Quantity: 02)

A patient rest chair shall be supplied to provide a comfortable resting area between injection and imaging procedures. The overall approximate dimensions of the chair shall be 35 inches in width and 49 inches in height (89 × 125 cm). The seat shall measure 20 inches in depth, 25 inches in width, and 21 inches in height (51 × 64 × 53 cm). The backrest, positioned above the seat, shall measure 25 inches in width and 34 inches in height (64 × 86 cm), offering ergonomic support and comfort for patients during waiting periods.

23. Steel Table- (Quantity: 03)

Steel tables shall be supplied for laboratory use. Each table shall have overall approximate dimensions of 3 feet in width, 2 feet in depth, and 3 feet in height. The front legs shall include adjustable levelers to ensure stability on uneven surfaces. The tables shall feature a durable powder-coated finish, providing long-lasting resistance to wear and corrosion in laboratory environments.

24. Radioactive isotope trolley- (Quantity: 02)

Approx dimension: (19x36x18 inches)

25. Step stool with high handle foot step - (Quantity: 02)

It must be non-slip surface with approximate patients' weighing capacity of 130 kg.

26. Four frame (14"x17") X-ray film viewer (LED Type) with light intensity control- (Quantity: 02)

27. Dehumidifier units with a dehumidification capacity of 60 liters/ day, single phase 220v, 50 Hz- (Quantity: 02)

28. Lead glass size of minimum 100 cm x 80 cm with mounting frame, Installation of Lead glass with be vendor's responsibility- (Quantity 01):

Miscellaneous Service Terms and Conditions.

- The quoted equipment must have minimum useful life 10 years with service and spare parts support.
- Vendor will perform Installation, testing, commissioning and user's training of the supplied equipment.
- Onsite transportation/rigging of equipment for installation will be vendor's responsibility.
- Electrical DB/DBs, power cabling (within equipment/ technical /workstation, UPS room), to be supplied and installed by vendor.
- Floor leveling/ concrete strengthening of Gantry room (if needed), epoxy / PVC flooring, False ceiling of equipment, technical, console, hot lab and UPS rooms will be Vendor's responsibility.
- Air-conditioning of gantry, console room/ workstation room and hot lab area will be Vendor's responsibility.
- Vendor must provide the hard and soft copies of equipment's site planning and installation documentation along with the technical offer.

- All system and application software must have permanent valid licenses.
- All backup software (CD/DVDs) set must be supplied with the equipment.
- In case of distributors, vendor shall submit a certificate of distribution rights from their respective principals along with an undertaking from **Principal** that in case of change in distribution rights, Principal will be liable to fulfill all the commitments pertaining to this project.
- Vendor shall supply a list of installed volumes of similar equipment and the details of technical service setup mentioning the past experience of maintenance of gamma cameras in Sind/ Karachi region.
- Detailed list of engineering staff, qualified and trained on the similar equipment along with the training certificates is to be attached with the offer.
- All documentation (hard & soft version) including user manuals, service manuals, circuit diagrams, calibration equipment and product planning guides should be supplied along with the equipment.
- Vendor should attach the relevant documents showing FDA/CE compliance for quoted equipment.
- Annex A is an essential part of the technical submission, all vendor are required to fill the same on their official letter head and submit with technical offer.

Trainings:

Vendor shall arrange

- Onsite application training for Doctors/ technologist.
- Onsite technical training for engineers of SIUT with duration of one week.

Warranty and post warranty terms and condition:

Warranty:

- **Vendor must confirm the 5 years' comprehensive warranty backed by principal** for the complete system/supplies.
- Warranty shall start from the date of handing over of complete system when first patient is scanned.
- Warranty should cover complete gamma camera system including labors, all spare parts, detectors, Crystals (for all kind of defects except breakage), PMTs, UPS with batteries, associated peripheral equipment and all consumables.

Post warranty contracts:

Vendor must submit the post warranty maintenance contract price of equipment for the following;

- Post warranty Contract should include labor, spare parts for complete gamma camera system including, detectors, Crystals (for all kind of defects except breakage at user's end), PMTs, glassware, UPS with batteries, associated peripheral equipment and all consumables.
- The price of crystal (Replacement and repair exchange) should be mentioned separately.
- Above prices will be in USD, fixed for year 6 until year 10 and inclusive of all applicable taxes.

- A draft contract for the post warranty period as per the above condition must be submitted with the offer.

Annex-A _ Service Terms & Conditions

No	Terms and Conditions	Vendor Consent required.
01	The quoted equipment will have minimum useful life of 10 years with service and spare parts support.	
02	Electrical DB/DBs, power cabling (within equipment/ technical /workstation, UPS room), to be supplied and installed by vendor	
03	Floor leveling/ concrete strengthening of Gantry room (if needed), epoxy / PVC flooring, False ceiling of equipment, technical, console, hot lab and UPS rooms will be Vendor's responsibility.	
04	Air-conditioning of gantry, console room/ workstation room and hot lab area will be Vendor's responsibility.	
05	5 years' warranty backed by principal with 95% uptime from the date of Handing over for complete system and its associated components/ accessories, labor, detectors, crystal (for all kind of defects except breakage at user's end),, PMTs, glassware, UPS with batteries, associated peripheral equipment and all consumables must be confirmed by the vendor.	
06	All documentation (hard & soft version) including user manuals, service manuals and circuit diagrams shall be supplied along-with the equipment.	
07	Vendor shall arrange application specialist for onsite user's training of Doctor/ technologist.	
08	Onsite technical training for the biomedical engineer of SIUT with duration of one week.	
09	The vendor must mention the post warranty maintenance contract price of equipment including labor, spare parts, detectors, crystal (for all kind of defects except breakage at user's end), PMTs, glassware, UPS with batteries, associated peripheral equipment. This price will be in USD, fixed for year 6 until year 10 and inclusive of all applicable taxes.	
10	The Repair exchange and Replacement price of the Crystal of detector should be mentioned in the quotation in USD separately with a validity of 10 years.	

11	All system and application software have permanent valid licenses	
12	Service key/ passwords will be provided to Biomedical department of SIUT during the lifetime of equipment.	
13	In case of distributors, vendor shall submit a certificate of distribution rights from their respective principals along with an undertaking from Principal that in case of change in distribution rights, Principal will be liable to fulfill all the commitments pertaining to this project. Undertaking must be attached from principal.	
14	Manufacturer's original brochure, specs data sheet attached with the offer.	
15	List of installed volumes of similar equipment and the details of technical service setup in Karachi attached with offer.	
16	Vendors are required to submit a comprehensive service contract with detailed terms and conditions for the post warranty period.	
17	Detailed list of engineering staff qualified and trained on the similar equipment along with the training certificate attached with the offer?	
18	Relevant documents for FDA and CE compliance should be attached with the offer.	

EQUIPMENT # 02

EXERCISE TOLERANCE TESTING (ETT) SYSTEM

Country of Origin: USA / Europe /Japan.

Equipment should have FDA/ CE Compliance.

The vendor must provide a complete computerized Exercise Stress Test System suitable for nuclear cardiology studies with the following minimum specifications:

Treadmill

- Medical grade heavy duty motorized treadmill
- Speed range: 0.5–20 km/h or better
- Elevation: 0–25% incline
- Patient load \geq 180 kg
- Walking area 20" x 60"
- Emergency stop system
- Safety side rails

ECG System

- True 12-lead ECG acquisition
- Continuous monitoring
- ST segment analysis
- Arrhythmia detection
- Real-time display

Monitoring

- BP monitoring
- Pulse oximetry
- Heart rate display

Workstation:

- **Operating system and processor should be latest**
- Hard disk should be 1 TB, Nominal.
- Memory.. 8 GB minimum
- DVD R/W....Required.
- True 12-lead ECG acquisition with real time continuous display.
- Standard stress protocols (Bruce, Modified Bruce, Naughton with user defined options.
- Arrhythmia detection
- Real-time display
- ST-Measurements, Exercise Interpretation, Post-Test, Pre-Test calculation.
- Workstation should be supplied with A4 size paper printer.

Miscellaneous Service Terms and Conditions.

- Quoted system should include the **2 sets** of following accessories
 - Patient cables
 - Electrodes
 - Treadmill safety harness
- System should be DICOM ready comprising the functions Send/Receive, Query/Retrieve, Basic Print, Work list, Storage Commitment.
- The quoted equipment must have minimum useful life 10 years with service and spare parts support.
- Vendor will perform Installation, testing, commissioning and user's training of the supplied equipment.
- All system and application software must have permanent valid licenses.
- All backup software (CD/DVDs) set must be supplied with the equipment.
- In case of distributors, vendor shall submit a certificate of distribution rights from their respective principals along with an undertaking from **Principal** that in case of change in distribution rights, Principal will be liable to fulfill all the commitments pertaining to this project.
- Vendor shall supply a list of installed volumes of similar equipment and the details of technical service setup in Karachi.
- Detailed list of engineering staff, qualified and trained on the similar equipment along with the training certificates is to be attached with the offer.
- All documentation (hard & soft version) including user manuals, service manuals, circuit diagrams, calibration equipment should be supplied along-with the equipment.
- Vendor should attach the relevant documents showing FDA/CE compliance for quoted equipment.
- **Vendor must confirm the 5 years' comprehensive warranty backed by principal** for the complete system/supplies. Warranty shall start from the date of handing over of system.
- Vendor must submit the post warranty maintenance contract price of the equipment from year 6 to year 10.

EXPLANATION OF THE EVALUATION METHODOLOGY USED TO DETERMINE THE BEST EVALUATED BID

- a. Marks obtained in the detailed technical evaluation will be carried forward and prorated. The tender will be awarded to the Responding organization with the highest cumulative score of each individual product (Technical Score + Financial Score).
- b. The formula for technical scoring is
Technical Score = (Total technical marks of the respective product / 100) x 70.
- c. The formula for financial scoring is
 The lowest bidder receive the full 30 marks. Other bidders receive marks calculating using the formula:
Financial score = (Lowest Quoted Price / Bidder's Quoted Price) x 30.

EXAMPLE CALCULATION:

1- Technical Evaluation

<u>S. No</u>	<u>Supplier</u>	<u>Technical Score</u>	<u>Prorated Technical Score</u> (Score Obtained x 0.70)
1	A	85	85 x 0.70 = 59.5
2	B	75	75 x 0.70 = 52.5
3	C	60	60 x 0.70 = 42

2- Financial Evaluation

<u>S. No</u>	<u>Supplier</u>	<u>Supplier Quoted Rate</u>	<u>Prorated Financial Score</u> (Quoted Rate ÷ Lowest Quoted Rate x 30)
1	A	86	(86 ÷ 86) x 30 = 30
2	B	105	(86 ÷ 105) x 30 = 24.5
3	C	130	(86 ÷ 130) x 30 = 19.8

3- Calculation Best Evaluated Bid

<u>S. No</u>	<u>Supplier</u>	<u>Technical Prorated Score</u>	<u>Financial Prorated Score</u>	<u>Final Score</u> (Tech Score + Fin Score)	<u>Approval</u>
1	A	59.5	30	59.5 + 30 = 89.5	Approved being Best Evaluated Bid
2	B	52.5	24.5	52.5 + 24.5 = 77	
3	C	42	19.8	42 + 19.8 = 61.8	

TENDER NO. 591
[Evaluation Criteria For Applicant]

Annexure-G1

A	B	C	D	E	F	G	H	I	J
Applicant Name & Category	Annual Turnover / Sales of Applicant (Sales) for Last Three Years Above 400 Million = 15 100 Million up to 400 Million = 10 Upto 100 Million = 5	Current Working Capital	Audited Financial Sataement of Applicant for Last Two Years	Income Tax Return of Applicant for the Last Two Years	Satisfactory / Performance Certificate From more than 300 bed Government hospitals. Above 2 Hospitals = 15 Above 1 to 2 Hospitals = 10 Upto 1 Hospitals = 5	Satisfactory / Performance Certificate From more than 300 bed Private hospitals. Above 2 Hospitals = 15 Above 1 to 2 Hospitals = 10 Upto 1 Hospitals = 5	License to Import by DRAP (Attach Evidence)	ISO certificate 9001 :2015 (Attach evidence)	Total Marks
Marks	15	10	10	10	15	15	15	10	100

For Example

XYZ(PTV LTD)	100 Million (Page #2)	YES (Page #3)	YES (Page #4)	YES (Page #5)	YES 5 Hospital (Page #6)	YES 5 Hospital (Page #7)	YES (Page #30)	YES (Page #31)	

INSTRUCTIONS Qualifying Marks: 60 %.
Following Content should be inserted as described:

- A : Please insert Applicant Names & Category
- B : Please insert Amount in Million & page No. of Attachment.
- C : Please insert Yes/No & Page No. of attachment
- D : Please insert Yes/No & Page No. of attachment
- E : Please insert Yes/No & Page No. of attachment
- F : Please insert Yes/No & Page No. of attachment
- G : Please insert Yes/No & Page No. of attached evidence

- H: Please insert Yes/No & Page No. of attached evidence
- I : Please insert Yes/No & Page No. of attached evidence
- J : Please insert Yes/No & Page No. of attached evidence

Note: Please provide softcopy of this Annexure.

Tender No. 591
[Product Evaluation Schedule]

Annexure-G2

PRODUCT GENERAL INFORMATION								TO BE FILLED OUT BY THE BIDDER						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
S.No	Tender Item Code	Name of Item	Supplier Name	Brand Name	Manufacturer	Required Quantity	UOM	a) Offered item/sample fully compliant with the required specifications = 40 Points b) Offered item/sample compliant with minor deviation ≤ 10% from the required specifications and quality = 25 Points c) Major deviation(s) from Tender Specification or substandard Sample = 0 Points	Pervious Experience of Quoted Product in Government Hospital with minimum 300 bed capacity. (05 Marks for each Institute) (The bidder shall submit a summary of institutional sales, supported by corresponding POs and their respective DC, covering the period from Jan, 2023 onward. This summary must be provided on a stamp paper of Rs. 100, duly notarized/Legalized, and must be submitted along with copies of the relevant POs and DCs. Please note that only POs accompanied by duly acknowledged DCs from the respective institutions.)	Pervious Experience of Quoted Product in Private Sector Hospital with minimum 300 bed capacity. (05 Marks for each Institute) (The bidder shall submit a summary of institutional sales, supported by corresponding POs and their respective DC, covering the period from Jan, 2023 onward. This summary must be provided on a stamp paper of Rs. 100, duly notarized/Legalized, and must be submitted along with copies of the relevant POs and DCs. Please note that only POs accompanied by duly acknowledged DCs from the respective institutions.)	Accredited by WHO, US-FDA/CE, EMA, MHRA, TGA, PMDA, Swissmedic or Health Canada or by the SRA's (Attach relevant documents duly attested by senior executive)	Enlistment/Registration with DRAP (Attached Evidence)	ISO certificate: 13485:2016/2021 and ISO 14001:2015 of Manufacturer (Attach evidence)	Total Marks
Marks								40	15	15	10	10	10	100
For Example														
1	ABC	YXZ	DEF	GHI	10		Nos	Blank	Yes, P # 24	Yes, P # 25	P # 11	P # 10	Yes, P # 2	
		Equipment # 1.												
1	MBD-NM-001	Dual Detector Variable Angle Gamma Cammera System Country of Origin European/USA/Japan for detailed specification please see page no. 32-43				1	Nos							
		Equipment # 2.												
2	MBD-NM-002	Exercise Tolerance Testing (ETT) System Country of Origin European/USA/Japan for detailed specification please see page no. 44-45				1	Nos							

QUALIFYING MARKS: 60%

Financial bids of only "Technically Responsive Bidders" will be opened.

Note:

- i) If no evidence is attached for any technical specification mentioned above then the response will be considered as negative even if 'Yes' is given in the Bid Technical Schedule.
- ii) The technical evaluation carried out by the Procurement Committee SIUT, Karachi will be final which will be assessed on technical aspect and clinical experience basis of the Consultant (s) in the relevant speciality. In case no firm fulfills the scoring criteria, the procurement committee remarks will be considered as final
- iii) Hardcopy & softcopy of this Form-G is Mandatory.

Delivery Sc iv) Items are to be supplied within 7 to 15 days from the date of Purchase Order, in case of imports by SIUT, items should be supplied within 45 days

[FORM: H]
Tender No. 591 Price Schedule
Supply of Machines & Equipment for Cardiology Section at SIUT Trust Mariyam Basheer Dawood Children's Hospital, Karachi
Submission of Financial Bid

Note : Please read instruction at the end of this sheet before filling out this Schedule.

S. No	Item Code	Item Description	Company Name	Brand Name	Manufacturer	Required Quantity	U.O.M	Rate in PKR / Per Unit	Total Amount in (PKR)	C&F Rate	Foreign Currency	Conversion Rate must be entered	Total Amount C&F	Earnest Money @ 1% of Bid Amount	Delivery Schedule	Remarks (if any)	Total PKR
A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	O	P	
		Equipment # 1.					Nos		-				-	-			-
1	MBD-NM-001	Dual Detector Variable Angle Gamma Cammera System with required accessories & Features Country of Origin European/USA/Japan				1	Nos		-				-	0			-
		Equipment # 2.					Nos		-				-	0			-
2	MBD-NM-002	Exercise Tolerance Testing (ETT) System with required accessories & Features Country of Origin European/USA/Japan				1	Nos		-				-	0			-
		Grand Total											-	0		0	

INSTRUCTIONS

Following Content should not be altered:

- A Serial No.
- B Item Code
- C Item Description
- G Required Quantity.
- H Insert Unit of measurement

Following Content should be inserted as described:

- D Insert Company Name, which should be according to tax registration record.
- E Insert Brand Name of Item
- F Insert Name of Manufacturer.
- I Insert Rate in Pak Rupees, single unit only.
- J Sheet will calculate by itself.
- K Insert C&F Rate, single unit only.
- L Insert Currency of FCY (e.g. USD, CHF, EURO, JPY, SGD, etc)
- M Insert Conversion Rate (Exchange rate should be of 7 working day prior to the opening date of Bid).
- N Sheet will calculate by itself.
- O Sheet will calculate by itself.
- P Insert Delivery Schedule
Insert Remarks if any

- i) In case of alternate item kindly write required details at the end of the last columns in the same row and don't change the Item Code mentioned in Tender Specification.
- ii) Data should be input in Text and number formate only.
- iii) No cell should be merged.

Note :- Data must be filled in all columns except A, B, C, G, H, J, N & O. please do not create your own file rather fill this sheet as provided by SIUT.