

BIDDING DOCUMENTS

FOR

FRAMEWORK FOR MEDICAL GASES

FOR THE YEAR 2023-24



FINANCIAL YEAR 2023-24

The Children's Hospital, University of Child Health Sciences, Ferozpure Road, Lahore

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INVITATION FOR BIDS**BID REFERENCE NO. PC-3/CH&UCHS/2023-20055****Dated 21-03-2023****FRAMEWORK FOR MEDICAL GASES FOR THE YEAR 2023-2024**

Sealed bids on FRAMEWORK BASIS (Item wise) are invited from Bidders i.e. Local Manufacturers / Sole Agents / Importers of foreign principals / distributors engaged in trading, registered with relevant Registration Authorities and Tax Department / Authority (Income Tax, Sales Tax & Punjab Sales Tax etc). The bids shall be received as per single stage two envelope procedures as per PPRA-14. Bidding document, in the English language, can be purchased by the interested bidders on the submission of a written application to the Medical Director, The Children's Hospital, University of Child Health Sciences, Lahore and upon payment of a non-refundable fee of Pak Rs. 2,000/-; deposited in Accounts Department of the CH&UCHS, Lahore.

1. Interested bidders may get the bidding documents & detailed specifications from the office of **Purchase Department** on submission of written application on their letter head and a copy of CNIC along with payment of non-refundable fee of **Rs. 2,000/- (Two thousand only)** for each set of bidding documents & detailed specifications.
2. Bidding documents including detailed specifications, terms & conditions shall be issued up to **Last Date as mentioned in the advertisement during office hours**. However, a copy of the bidding documents is also available for information only on the websites of Punjab Procurement Regulatory Authority (www.ppra.punjab.gov.pk) The Children's Hospital, University of Child Health Sciences, Lahore (www.chch.edu.pk) until the closing date for the submission of bids. Moreover signed and stamping of each page of bidding document is mandatory otherwise bid shall be rejected straightway.
3. Bidding shall be conducted through **Single Stage - Two Envelopes** bidding procedure, as per Rule 38(2)(a) of Punjab Procurement Rules, 2014 (amended, 2016). The envelopes shall be marked as **"FINANCIAL PROPOSAL"** & **"TECHNICAL PROPOSAL"** in bold and legible letters. Financial proposal of bids found technically non-responsive shall be returned un-opened to the respective bidders.
4. Sealed bids are required to be submitted by the interested bidders on **13-04-2023** for bid reference No. PC-3/CH&UCHS/2023-20055 till **11:00 a.m.** positively in the **Conference Room (Admin Block)**. The bids received till the stipulated date & time shall be opened on the same day at **11:30 a.m.** in the presence of the bidders or their authorized representatives (who choose to attend) by the purchase committee. All bids should be submitted in tape or ring binding, Otherwise bid will be rejected.
5. Bid Security @ **2%** of the estimated cost of total bid value in the shape of Bank Guarantee preferably / Deposit at Call (CDR), Pay Order and Demand Draft from any scheduled bank is required to be furnished with the **Technical Bid** otherwise bid will be rejected. Late bids shall not be entertained.
6. In case the date of opening or last date of sale is declared as a public holiday by the government or non-working day due to any reason, the next official working day shall be deemed to be the date of sale and submission and opening of tenders accordingly. The time and venue shall remain the same.
7. The bidders are requested to give their lowest and best prices with their bids as no negotiations on the prices are allowed.
8. The bidder shall provide the required number of sample of the quoted product to concerned store for evaluation, otherwise bid will be rejected.

Note: The procurement shall be governed by the Punjab Procurement Rules, 2014. (amended).


Medical Director
 The Children's Hospital &
 University of Child Health Sciences, Lahore.

INSTRUCTIONS TO BIDDERS

1. **Source of Funds**

The Children's Hospital, University of Child Health Sciences, Lahore allocated funds for purchase of medical gases on day to day basis including Sundays, will be utilized by The Children's Hospital, University of Child Health Sciences, Lahore in the financial year 2023-2024. The Children's Hospital, University of Child Health Sciences, Lahore intends to fix the price / conclude the Contract for purchase / supply of Medical Gases and scope of work as mentioned in the Annexure "A".

2. **Eligible bidders**

Sealed bids / proposals are invited from Bidders i.e. Local Manufacturers / Sole Agents / Importers of foreign principals / distributors having strong technical, financial & managerial capabilities for procurement of life saving medical gases for the Children's Hospital, UCHS Lahore on daily basis. A bidder can bid for complete package only. A bidder cannot bid for partial quantities.

3. **Eligible Goods and Services**

All goods and related services to be supplied under the contract shall have their origin in eligible source and all expenditures made under the contract shall be limited to such goods and services. For this purpose, the term "**Goods**" includes any Goods that are the subject of this Invitation for Bids and the term "**Services**" shall includes related services such as transportation, insurance etc. The "**origin**" means the place where the goods are produced, or the place from which the related services are supplied.

4. **Cost of Bidding:**

The bidder shall bear all costs associated with the preparation and submission of its bid, and the Procuring Agency shall in no case be responsible or liable for those costs, regardless of the manner or outcome of the bidding process.

THE BIDDING PROCEDURE

5. **Single Stage – Two Envelopes Bidding Procedure as per rule 38 (2) (a) of PPRA Rules 2014 shall be applied:**

- i. The bid shall comprise a single sealed package containing two separate sealed envelopes. Each envelope shall contain separately the Financial Proposal and the Technical Proposal;
- ii. The envelopes shall be sealed & marked as "**FINANCIAL PROPOSAL**" and "**TECHNICAL PROPOSAL**" in bold and legible letters to avoid confusion;
- iii. Initially, only the envelope marked "**TECHNICAL PROPOSAL**" shall be opened;
- iv. The envelope marked as "**FINANCIAL PROPOSAL**" shall be retained in the custody of Procuring Agency without being opened;
- v. The Procuring Agency shall evaluate the Technical Proposal, without reference to the price and reject any proposal which do not conform to the specified requirements;
- vi. During the technical evaluation, no amendments in the technical proposal shall be permitted;

- vii. The Financial Proposals of bids shall be opened publicly at a time, date and venue to be announced and communicated to the bidders in advance;
- viii. After the evaluation and approval of the technical proposal, the Procuring Agency shall at a time within the bid validity period, publicly open the financial proposals of the technically accepted bids only.
- ix. The financial proposal of bids found technically non-responsive or non-compliant shall be returned **un-opened** to the respective bidders.
- x. The bid found to be the **lowest financially evaluated** bid shall be accepted.

THE BIDDING DOCUMENTS

6. Content of Bidding Documents

- i. The goods required, bidding procedures, and Contract terms are prescribed in the bidding documents. In addition to the Invitation for Bids, the bidding documents shall include:-
 - a. Instructions to bidders;
 - b. General Conditions of Contract;
 - c. Special Conditions of Contract;
 - d. Bid Evaluation Criteria;
 - e. Schedule of Requirements;
 - f. Technical Specifications;
 - g. Contract Form;
 - h. Manufacturer's Authorization Form;
 - i. Performance Guaranty Form;
 - j. Bid Form; and
 - k. Pattern of Financial Quotation
- ii. The **"Invitation for Bids"** does not form part of the Bidding Documents and is included as a reference only. In case of discrepancies between the Invitation for Bid and the Bidding Documents listed above, the said Bidding Documents shall take precedence.
- iii. The bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents.
- iv. Failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect shall be at the bidder's risk and may result in the rejection of its bid.

7. Clarification of Bidding Documents

A prospective bidder requiring any clarification of the bidding documents may notify the Procuring Agency, in writing at the Procuring Agency's address, indicated in the Invitation for Bids.

The Procuring Agency shall respond in writing to any request for clarification of the bidding documents, which it receives no later than seven (07) days prior to the deadline for the submission of bids prescribed in the Invitation for Bids. Written copies of the Procuring Agency's response (including an explanation of the query but without identifying the source of inquiry) shall be sent to all prospective bidders that have received the bidding documents.

8. Amendment of Bidding Documents

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.

TERM OF REFERENCES (TORs)

Sealed bids / proposals are invited from well reputed firms Bidders i.e. Local Manufacturers / Sole Agents / Importers of foreign principals / distributors for procurement of life saving medical gases for the Children's Hospital, Lahore. A bidder can bid for complete package only. A bidder cannot bid for partial quantities.

Medical Gases:-

1. Liquid Medical Oxygen to be filled in VIE
2. Compress Medical Oxygen in Cylinders of different sizes
3. Nitrous Oxide in Cylinders of different sizes
4. Liquid Nitrogen Gas in containers.
5. Compressed Nitrogen Gas in Cylinders
6. Carbon Dioxide Gas in cylinders
7. Medical Air (CF)

Product Specification

Firm shall supply medical gases as per Eu Pharmacopeia standard; following documents are required for respective gases.

1. Medical Oxygen: Certificate of Conformity
2. Nitrous Oxide: Certificate of Analysis
3. Nitrogen: Certificate of Conformity
4. Medical Air (CF)

Hardware to Install

For Liquid Medical Oxygen gas, the successful firm will have to install a Liquid oxygen storage tank (VIE) with following parameters/specifications.

- a. VIE Tank adequately sized as per HTM, with thumb rule to have minimum 3rd day supply. The number of VIEs for CH&UCHS Lahore will be by Hospital management. For any incremental VIE requirement during supply contract period within CH&UCHS Lahore, firm shall be bound to provide.
- b. Ambient vaporizer sized respected to VIE.
- c. The VIE control equipment to control the pressure and flow of gas to the pipeline must be regulated by installing medical grade Duplex Pressure regulation unit. This unit

must be capable of regulating low pressure and high flow of 4000 lit/min to avoid any pressure drops in the farthest area of the hospital.

- d. The VIE and vaporizer system must be equipped with independent, audible vessel content level and pressure alarms to capture & alerts low level and low/high pressure at all times.
- e. Fully digital /computerized system for monitoring of the Liquid oxygen contents in the tanks with data transmission capability to the firms computerized data base Surveillance system for Scheduling purposes and arranging emergency supplies in case of emergency.
- f. Digital Content Meter to be installed at each VIE tanks site to co relate it with analog content gauge of the VIE Tank.
- g. Supplying Firm will be bound to certify VIE system installation by a qualified authorized person (Medical Gas Pipeline System) as per HTM standard. Certification documents to be provided together with tender documents.
- h. CH&UCHS Lahore will have the rights to cancel the contract of the firm with non-compliant to any of the above-mentioned clauses.

For Gases in Cylinders

1. The successful firm must have its own compression station for gases compliant to international standard.
2. The successful firm will be responsible to coordinate with Hospital and arrange supply through their own vehicle.
3. The Supplying firm will make sure that all the cylinders go through a hydraulic testing before the required gas is filled.
4. The supplying firm will make assure that the quality and quantity of the gas supplied in cylinder is according to the required medical standards i.e. EU pharmacopeia.
5. The Firm, supplying gases in cylinders, will issue certification/labeling for each supplied cylinders.

Delivery & Product Measurement Mechanism

Delivered product will be measured as per below two methods

1. Wight Bridge. Weight of truck before supply and after supply will be taken and difference of both weighs will be calculated for delivered product quantity.
2. Delivery through content gauge, VIE's digital content gauge will be used for product delivery quantity incase weigh bridge is not available.

The supplier shall arrange transportation for all products and cylinders to hospital and will be responsible for safe transportation to ensure product quality.

Training

The firm will provide training of safe handling and VIE operations to the operator.

Emergency Response Mechanism

Firm shall also determine the emergency supply mechanism to cater any emergency may arise during course of supply period.

1. The bidding firms will need to submit the supply mechanism with flowcharts and contact information together with bidding documents.
2. A central contact center will be available to cater emergency help line.

24 Hours Oxygen Backup

Supply firm shall assist hospital to develop medical gases policy and ensuring 24 hours emergency backup arrangement may be in shape of PCC or Cylinders to cater emergency.

Time of Contract

Contract shall be one year from the date of issuance and extendable for **03 months** further or earlier till the completion of next contract for the year **2024-2025**.

Preventive Maintenance

Supply firm where applicable shall be responsible for preventive maintenance of the installed equipment and company shall also provide the schedule and record of same to hospital's staff.

GENERAL CONDITIONS OF CONTRACT

1. Definitions

In this the following terms shall be interpreted as indicated against each;

- a. **"The Contract"** is a contract for the supply of stores at specified rates during the period covered by the contract. The Contract may be concluded with one or more contractors.
- b. **"The 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 medical gases, and maintenance of the cylinders as mentioned in inspection criteria 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 goods, and other such obligations of the Supplier covered under the Contract.
- e. **"The Procuring Agency"** means The Children's Hospital, University of Child Health Sciences, Lahore under the administrative control of Medical Director.
- f. **"The Supplier"** means the individual or firm supplying the goods under this Contract.

8. Application

These General Conditions shall apply to the extent that they are not inconsistent / superseded by provisions of other parts of the Contract.

9. Country of Origin

All goods and related services to be supplied under the contract shall have their origin in eligible source countries and all expenditures made under the contract shall be limited to such goods and services. For the purposes of this clause, “origin” means the place where the goods are produced through manufacturing or processing, or the place from which the related services are supplied

10. Standards

The goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications (i.e. BP specifications / STP as per prevailing law).

11. Use of Contract Documents and Information

- i) The Supplier shall not disclose the Contract, or any provision thereof, or any specification, or information furnished by or on behalf of the Procuring Agency in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract.
- ii) The Supplier shall not, without the Procuring Agency’s prior written consent, make use of any document or information enumerated in condition of contract except for purposes of performing the Contract.
- iii) Any document, other than the Contract itself, enumerated in condition of contract shall remain the property of the Procuring Agency and shall be returned if so required by the Procuring Agency.
- iv) The Supplier shall permit the Procuring Agency to inspect the Supplier’s accounts and records relating to the performance of the Supplier.

12. 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 or any part thereof in the country.

13. Inspections and Test / Analysis

- i. The Procuring Agency or its representative shall have the right to inspect and/or to test the goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring Agency.
- ii. The cost of such lab tests shall be borne by the Manufacturer/ Supplier.
- iii. The Procuring Agency’s reserves the right to inspect, test and, where necessary, reject the goods and the same shall in no way be limited or waived by reason of the goods having previously been inspected, tested, and passed by the Procuring Agency or its representative.
- iv. The supplier will be responsible for free replacement of stocks if the same is not found to be of the same specifications as required in the Invitation of Bids.
- v. The Procuring Agency’s right to inspect test and, where necessary, reject the goods at any time shall in no way be limited or waived by reason of the goods having previously been inspected, tested, and passed by the Procuring Agency or its representative.

- vi. Nothing in General Conditions of Contract shall in any way release the Supplier from any warranty or other obligations under this Contract.

8. Chemical and physical examination of goods

- i. All the Goods shall be acceptable subject to physical examination. The Inspection Committee constituted by the Consignee shall carry out the physical examination after receipt of supplies.
- ii. If the Goods supplied are found during physical examination / inspection to be against the required specifications, approved samples, etc, even if it is of standard quality, the Procuring Agency may reject the goods, and the Supplier shall either replace the rejected goods or arrange alterations necessary for rectification of observation, to meet the required specifications free of cost. In case after replacement or alteration, the Inspection Committee again declare the item as of against the required specifications, the supply would completely be rejected and the goods will be destroyed by the procuring agency. The firm may be blacklisted minimum for two years; onus of proof of innocence shall be on the supplier.

9. Delivery and Documents

The Supplier in accordance with the terms specified in the Bidding Documents shall make delivery of the goods. The details of documents to be furnished by the Supplier are specified in Special Conditions of the Contract.

10. Insurance

The goods supplied under the Contract shall be delivered duty paid.

11. Incidental Services

The Supplier shall be required to provide the incidental services as specified in Special Conditions of the Contract.

12. Bill Warranty

The supplier will provide bill warranty for each invoice for the payment that the Medical Gases supplied are fit for human consumption.

13. Payment

The method and conditions of payment to be made to the Supplier under this Contract shall be specified in Special Conditions of the Contract. The currency of payment is Pak. Rupees.

14. Prices

Prices charged by the Supplier for goods delivered under the Contract shall not vary from the prices quoted by the Supplier in its bid and shall remain the same till expiry of the original bid validity period provided the Procuring Agency's request for bid validity extension. Further the supplier will give a certificate that the prices charged are not more than the prices quoted/charged in any other institution. If there is any discrepancy and found that excess prices have been charged the same will be refunded by the supplier or will be deducted from the pending bills or security whichever is available

15. Contract Amendments

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

16. Subcontracts

The Supplier shall not be allowed to sublet the job and award subcontracts under this Contract.

17. Delays in the Supplier's Performance

Delivery of the goods shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Agency. If at any time during performance of the Contract, the Supplier should encounter conditions impeding timely delivery of the goods, the Supplier shall promptly notify the Procuring Agency in writing of the fact of the delay, its likely duration and its cause(s). The Procuring Agency 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 Procuring Agency by amendment of the supply order. 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 without the application of liquidated damages.

18. Penalties / Liquidated Damages

In case of supply of substandard product the destruction cost will be borne by the firm. If the firm provides substandard item and fails to provide the item as per specification laid down in the Technical Specification Form / Tender Enquiry, the procuring agency shall be entitled to make other arrangements at the risk / expense of the Contractor / Supplier Firm, the price difference shall be paid by the Firm.

19. Termination for Default

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, if the Supplier fails to deliver any or all installments of the goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency, or if the Supplier fails to perform any other obligation(s) under the Contract and 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

20. Force Majeure

Notwithstanding the provisions of general conditions of contract the Supplier shall not be liable for forfeiture of its Performance Guaranty/ bid Security, or termination/ blacklisting 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. For the purposes of this clause Force Majeure means an act of God or an event beyond the control of the Supplier and not involving the Supplier's fault or negligence directly or indirectly purporting to mismanagement and/or lack of foresight to handle the situation.

Such events may include but are not restricted to acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, earthquakes, strikes, epidemics. If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Agency in writing with sufficient and valid evidence of such condition and the cause thereof. The Committee of The Children's Hospital, University of Child Health Sciences, Lahore constituted for Redressing of grievances, shall examine the pros and cons of the case and all reasonable alternative means for completion of purchase order under the Contract and shall submit its recommendations to the competent authority. However, 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 reasonable alternative means for performance not prevented by the Force Majeure event.

21. Termination for Insolvency

The Procuring Agency may at any time terminate the Contract by giving written notice of one month time to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination shall be without compensation to the Supplier, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to the Parties.

22. Arbitration and Resolution of Disputes

The Procuring Agency and the Supplier shall make every effort to resolve amicably by direct negotiation any disagreement or dispute arising between them under or in connection with the Contract. If, after thirty (30) days from the commencement of such negotiations, the Procuring Agency and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred to the Arbitrator for resolution through arbitration. In case of any dispute concerning the interpretation and/or application of this Contract shall be settled through arbitration. The Medical Director or his nominee shall act as sole arbitrator. The decisions taken and/or award made by the sole arbitrator shall be final and binding on the Parties

23. Governing Language

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

24. Applicable Law

This contract shall be governed by the laws of Pakistan and the courts of Pakistan shall have exclusive jurisdiction.

25. Notices

- 1 Any Notice given by one party to the other pursuant to this contract shall be sent to the other party in writing and confirmed to other party's address specified in Special Conditions of Contract.
- 2 A notice shall be effective when delivered or on the notice's effective date, whichever is later

SPECIAL CONDITIONS OF CONTRACT

1. Definitions

- i. The **Procuring Agency:** is The Children's Hospital, University of Child Health Sciences, Lahore working under the Administrative Control of Medical Director.
- ii. The **Supplier:** is the individual or firm supplying the goods under this contract.

2. Country of Origin

All goods and related services to be supplied under the contract must be under general conditions of the contract.

3. Bid Security @ 2 % with reference to medical gases

Bid security of Rs. **1,506,794/-** will be attached with the technical bid.

4. Performance Guaranty/ Security:-

After the award 5% of total budget will be submitted by the successful bidder as performance guarantee.

5. Inspection and Tests

Inspection of the goods shall be in accordance with the conditions of contract. After delivery at The Children's Hospital, University of Child Health Sciences, Lahore warehouse the goods shall be inspected /examined as per standard pressure & weight (1875-2000 PSI). In case of any deficiency, the Supplier shall be bound to rectify it free of cost.

6. Delivery and documents

The supplier shall provide the following documents at the time of delivery of goods to Consignee' for verification and onward submission to quarter concerned, duly completed in all respect for payment.

- (i) Original copies of Delivery Note / Challan showing name of destination to which delivery is to be made, item's description
- (ii) Original copies of the Supplier's invoices (in triplicate) showing warranty, name of Procuring Agency, item's description, quantity, per unit cost, and total amount after each delivery i.e. daily basis.
- (iii) Original copies of the Sales Tax Invoices (where applicable) in showing name of destination to which delivery is to be made, item's description, quantity, per unit cost (without GST), amount of GST and total amount with GST.
- (iv) **All above documents must be computerized. Handmade documents shall not be accepted.**

7. Insurance

The goods supplied under the Contract shall be delivered duty paid, under which the risk is transferred to the Procuring Agency after having been delivered; hence insurance coverage is Supplier's responsibility therefore, they may arrange appropriate coverage.

8. Incidental Services

The following incidental services shall be provided and the cost of which should include in the total bid price.

9. Bill Warranty

The supplier will provide bill warranty for the payment that the Medical Gases supplied are fit for human consumption. And this warranty shall be printed on daily invoices.

10. Payment

The Payment shall be in Pak Rupees. The payment shall be made to the Supplier on receipt of original delivery challan(s) and invoice(s) including those of GST (if applicable) in duplicate duly completed in all respect and signed & stamped by the store officer / signed and stamped by Consignee

11. Penalties/ Liquidated Damages

In case where the deliveries as per contract are not completed within the time frame specified in the schedule of requirement, the Contract to the extent of non-delivered portion of supply may be cancelled followed by a Show Cause Notice. No supplies shall be accepted and the bid security will be forfeited and the firm shall be blacklisted minimum for a period of two years if the firm fails to supply the whole installments. Onus of proof of innocence shall be on the supplier.

12. Gas Cylinders

The successful bidder will provide gas cylinders on loan basis (free of cost) if required by the Hospital. These cylinders will be returned to the firm with the completion/termination of contract

13. Arbitration and Resolution of Disputes

In case of any dispute, concerning the interpretation and / or application of this Contract shall be settled through arbitration. The Medical Director, The Children's Hospital, University of Child Health Sciences, Lahore or his nominee shall act as sole **ARBITRATOR**. The decisions taken and/or award made by the sole arbitrator shall be final and binding on the Parties.

14. Governing Language

The language of this Contract shall be in English.

15. Applicable Law

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

16. It Is Reiterated That

- The contract will be valid for the period one year effective from the date of issuance of award of framework of contracts however extendable for three months or earlier till the finalization of new contract after the decision by the Medical Director, The Children's Hospital, University of Child Health Sciences, Lahore.
- The supplier will ensure quality and quantity of gases and provide certificate on each delivery invoice that the supplies are according to the specification and standard temperature and pressure.
- The supplier will have to supply the gases on credit basis as and when required during the contract period.
- The contractor will have to ensure the prompt supply of gases to the Hospital as the gases are life saving and of emergency nature. The contractor cannot stop supply by its own and will be responsible in case of any breakdown of supply of gases.

- Repair of Cylinders and replacement of valves etc. will be required on work order by the competent authority and no bill will be entertained without it.
- The company will provide a certificate giving in detail of parts replaced and the repair carried out along with guarantee /warranty period (one year)
- The replaced part/parts will be returned to the Hospital.
- Inspection of repaired items will be conducted by Inspection committee of the Hospital to the entire satisfaction of the end-user.
- Samples of valves and spindles must be approved before the finalization of acceptance of rates for the supply of medical gases for the year 2023-2024.
- The Hospital authority is competent to amend/delete and add any clause of the contract as and when required in the interest of the public and institution on mutual understanding with the contractor.
- Any installation if required will be provided by the company on free of cost basis to the entire satisfaction of the indenting officer.
- Medical Director, The Children's Hospital, University of Child Health Sciences, Lahore is competent to cancel the contract at any stage after serving the one month advance notice, however in case of serious irregularity on the part of the firm which caused loss to the Hospital, the contract will be liable to be cancelled with immediate effect and security partially or fully will be forfeited as deemed suitable by the Medical Director, The Children's Hospital, University of Child Health Sciences, Lahore. The medical gases will be procured as and when required by the Hospital on daily basis.

17. Provision of validated calibration charts for supply of liquid gas via vehicles.

The firm is hereby directed to provide validated calibration charts as per international standards for each vehicle to supply the liquid gas. In addition, the firm will acknowledge this provision of chart on judicial stamp paper of worth Rs.100/- along with submission of bid. Moreover, if procuring agency find any discrepancy in the readings of provided charts as per international standards at any stage then the said agency have right to take action under rules.

Supplier's address for notice purpose

Procuring Agency's address for notice purposes shall be the;


Prof. Dr. Muhammad Saleem
 (CCPS FAC) (DPM, MME HHS)
 Professor of Paediatric Surgery
 Medical Director

Note: All assessments and procuring procedures i.e. receiving, opening and awarding etc. shall be governed by the Punjab Procurement Rules, notified on 13 January, 2014.

BID EVALUATION CRITERIA

1. Evaluation & Comparison of Bids

- i. The Procuring Agency shall evaluate and compare the bids, which have been determined to be substantially responsive.
- ii. The Procuring Agency's evaluation of technical proposal / bid shall be on the basis of previous performances, inspection of plant/ factory / premises (if found necessary), previous experience, financial soundness and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be considered. However, the evaluation of financial proposal shall be on the basis of price inclusive of all prevailing taxes and duties in pursuant to instruction to bidders.
- iii. All bids shall be evaluated in accordance with the evaluation criteria and other terms & conditions set forth in these bidding documents.
- iv. A bid once opened in accordance with the prescribed procedure shall be subject to only those rules, regulations and policies that are in force at the time of issue of notice for invitation of bids.

2. Evaluation Criteria:

- i. Inspection Criteria of **Premises visit** is **Mandatory**, the company which will qualify this criterion will be eligible for technical evaluation. Performa of Premises visit & technical evaluation is hereby attached.
- iii. In case of poor past performance of the company with **The Children's Hospital, UCHS, Lahore** the company may be disqualified, based on the decision of the concerned authority.
- iv. The firm must give the specification of the items offered without the rates for technical evaluation.

BID EVALUATION CRITERIA

Sr. No.	Subject	Requirement
1	Nationality	Registered office in Pakistan
2	Conflict of Interest	No Conflicts of interest in ITA Sub-Clause 4.3
3	Registration with FBR/PRA	Copy of registration certificate/copy of NTN
4	Not blacklisted by any Government/agency/authority	Not blacklisted by any Government/agency/authority
5	Existence as legal Entity/Registered as a company under partnership act 1932	Registration Certificate
6	History of Non-Performing Contracts	Non Performance of a contract did not occur within the last three years, prior to the deadline for application submission based on all information on fully settled dispute or litigation. A fully settled dispute or litigation is one that has been resolved in accordance with the Dispute Resolution Mechanism under the respective contract, and where all appeal instances available to the applicant have been exhausted.

Sr. No.	Subject	Requirement
7	Pending Litigation	All pending litigation shall in total not represent more than 25 %, of the Applicant's net worth and shall be treated as resolved against the Applicant.
8	Financial Statements	Financial Statements shall be submitted for last 3 financial years of the firm. (or since inception incase firm was established during last 3 years)
9	Financial Qualification	Annual Revenue should not be less than 100 Million PKR for last 3 years. Revenue will be validated through Audited Financial Statement
10	Experience of Providing service of similar nature	Participation as supplies of medical gases to similar nature and size in last 05 years (including both ongoing and completed projects). The similarity shall be based on physical size, complexity, methods/technology or other characteristics as described in Section V, Scope of Services. The total value of these projects should be atleast 100/- Million PKR.
11	Managers	Number of technical/managerial resources working as full-time employees payroll of firm (minimum managerial staff should be 2)
12	Graduate Engineers/Technologist/Sub Engineers	Number of Graduate Engineers on payroll of firm (The firm should have suitable number of engineers and technical staff, according to its production capacity)
13	Plant Production Capability	Firm Shall explain its production capability, should be matched with the selected number of Hospital requirement
14	Standards of Production / Manufacturing	Firm Shall explain the standards being followed by them for productions
15	Plant/Production Facility Evaluation	<ol style="list-style-type: none"> Checking installation of online analyzers with control to plant shut off in case of low product quality. Checking Analyzer Calibration Mechanism. Checking Pharmaco vigilance mechanism devised to control record and report impurities as pharmacopeia in plant storage
16	Logistics / Distribution of Product Evaluation	<ol style="list-style-type: none"> Evaluation of product carrying Capacity, the total capacity for carrying medical gases will be evaluation with respect to total monthly requirement of Hospitals for medical gases included in prequalification. Pre and post tanker filling quality check mechanism (Certificate of conformity) to ensure delivery of quality medical gases to storage at customer end. Transport tracking facility for reliable supply scheduling and tracking.

Sr. No	Subject	Requirement
17	On site Customer Site's installation of storage for Medical Gases Evaluation	<ol style="list-style-type: none"> 1. Assessment of safety measures/ Mechanism Company, adhere to for ensuring safe operations of equipment deployed. 2. Current Customer installation or future compliance to HTM, with minimum requirement for following: <ol style="list-style-type: none"> a. Correctly/right sized VIE. b. Vaporizer of appropriate/ respective size to VIE size. c. The VIE control equipment to control the pressure and flow of gas to the pipeline. d. Alarm System for VIE content, VIE low and high pressure, Line low and high Pressure. 3. Preventive Maintenance Mechanism for installation at customer site to ensure consistent product quality storage.

PREPARATION OF BIDS

1. Language of Bid

The bid prepared by the bidder, as well as all correspondence and documents relating to the bid exchanged by the bidder and the Procuring Agency shall be written in English. Supporting documents and printed literature furnished by the bidder may be in another language provided they are accompanied by an accurate translation in English, in which case, for purposes of interpretation of the Bid, the translation shall govern.

2. Contents of the Bid

The bid shall comprise the following contents:

- (a) Bid Form and Price Schedule completed in accordance with instruction to bidders (to be submitted along with financial proposal);
- (b) Documentary evidence established in accordance with instruction to bidders that the bidder is eligible to bid and is qualified to perform the Contract if its bid is accepted;
- (c) Documentary evidence established in accordance with instruction to bidders that the goods to be supplied by the bidder are eligible goods and conform to the bidding documents; and
- (d) Bid Security, if any furnished in accordance with instruction to bidders.

3. Bid Form & Price Schedule The bidder shall complete the Bid Form and an appropriate Price Schedule furnished in the bidding documents, indicating the goods to be supplied, a brief description of the goods, their strength, packing, quantity, and prices.

4. Bid Prices:

- i. The bidder shall indicate on the appropriate Price Schedule the unit prices of the goods, it proposes to supply under the Contract.
- ii. Form of price Schedule is to be filled in very carefully typed. Every page is to be signed and stamped at the bottom. Any erasing/cutting may lead to the cancellation of the bid.

iii. The bidder should quote the prices of goods according to the strength / technical specifications as provided in the Form of Price Schedule and Technical Specifications. The specifications of goods, different from the demand of bid enquiry, shall straightway be rejected.

iv. The bidder is required to offer competitive price. All prices must include the General Sales Tax (GST) and other taxes and duties, 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.

v. Prices offered should be for the year 2023-2024 extendable for three months. Conditional offer shall also be considered as non-responsive.

vi. 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 shall be entertained.

NO OFFER SHALL BE CONSIDERED IF: -

- i. Received without earnest money.
 - ii. Received after the last date and time of the receipt.
 - iii. The tender is unsigned.
 - iv. The tender is ambiguous.
 - v. It is conditional.
 - vi. It is from a firm, which is black listed or suspended by the Government of the Punjab.
 - vii. It is received by telegram
 - viii. The offer for store is not conforming to specifications indicated in the tender inquiry
 - ix. The firms must quote their offers on the prescribed tender form or on their letter head, according to the serial number of the tender inquiry.
 - x. Tenders should be addressed to the Medical Director, The Children's Hospital, University of Child Health Sciences, Lahore. The firms should quote their rates inclusive of all prevailing taxes both in words as well as in figures.
 - xi. No over writing, cutting, crossing etc, appearing in the offer is acceptable. Moreover all pages of the tender document must also be individually signed.
 - xii. All documents should be authenticated/ certified (sealed and signed) by the quoting firm.
5. **Bid currencies:** Prices shall be quoted in Pak Rupees.
6. **Documents Establishing bidder's Eligibility and Qualification**
- i. The bidder shall furnish, as part of its technical bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.

ii. The documentary evidence of the bidder's eligibility to bid shall establish to the Procuring Agency's satisfaction that the bidder, at the time of submission of its bid, is eligible as defined under instruction to the bidders

iii. The documentary evidence (to be submitted along with technical proposal) of the bidder's qualifications to perform the Contract if its bid is accepted shall establish to the Procuring Agency's satisfaction:

(a) In case of Manufacturer documentary proof including authority letter / manufacturing license / registration certificate, to the effect that they are the original manufacturer of the required specifications of goods shall be provided.

(b) National Tax Number (NTN) and General Sales Tax Number (GST) (if applicable) with documentary proof shall have to be provided by each bidder in the tender.

(c) The bidder shall submit an affidavit on legal stamp paper of Rs. **100/-** that their firm is not blacklisted on any ground by any Government (Federal/Provincial/District), a local body or a Public Sector Organization. The bidder shall be debarred from bid on account of submission of false statement.

(d) The bidder should have minimum **five year experience in the market**. Similarly, it is mandatory that the item to be quoted by the bidder should have availability in the market minimum for the **five years**. Documentary proof shall have to be provided in this regard.

(e) The bidder is required to provide with the Technical Proposal, the name of item(s) for which they have quoted their rates in the Financial Proposals.

(f) The bidder shall provide a list of plant, major machinery and equipment installed in the factory.

7. Documents Establishing Goods' Eligibility and Conformity to Bidding Documents

i. The bidder shall furnish along with Technical Proposal, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods, which the bidder proposes to supply under the Contract.

ii. The documentary evidence of the eligibility of the goods as per standards should also be provided.

8. Bid Security

With reference to supply of medical gases a bid security of an amount of Rs. **1,506,794/- (Fifteen Lac Six Thousand Seven Hundred & Ninety Four only)** be deposited as an Irrevocable Bank Guarantee preferably / CDR Call at Deposit in the name of Medical Director, The Children's Hospital, University of Child Health Sciences, Lahore.

9. Bid Validity

i. Bids shall remain valid for the period of **Six (06) Months** after the date of opening of Technical Bid, prescribed by the Procuring Agency. A bid valid for a shorter period shall be rejected by the Procuring Agency as non-responsive.

ii. The Procuring Agency shall ordinarily be under an obligation to process and evaluate the bid within the stipulated bid validity period. However, under exceptional circumstances and for reason to be recorded in writing, if an extension is considered necessary, all those who have submitted their bids shall be asked to extend their respective bid validity period. Such extension shall be for not more than the period equal to the period of the original bid validity.

iii. bidders who

(a) agree to the Procuring Agency's request for extension of bid validity period shall not be permitted to change the substance of their bids; and

(b) Do not agree to an extension of the bid validity period shall be allowed to withdraw their bids without forfeiture of their bid securities (earnest money).

10. **Format and Signing of Bid:**

The bidder shall prepare and submit its bid along with original purchase receipt. The bid shall be typed or written in indelible ink and shall be signed by the bidder or a person or persons duly authorized to bind the bidder to the Contract. The person or persons signing the bid shall initial all pages of the bid, except for un-amended printed literature.

SUBMISSION OF BIDS

1. **Sealing and Marking of Bids**

i. The envelopes shall be marked as "**FINANCIAL PROPOSAL**" and "**TECHNICAL PROPOSAL**" in bold and legible letters to avoid confusion. The inner and outer envelopes shall be sealed and:

a. be addressed to the Procuring Agency at the address given in the Invitation for Bids and;

b. Bear the name and number indicated in the Invitation for Bids.

ii. The inner envelopes shall also indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared as "non-responsive" or "late".

iii. If the outer as well as inner envelopes are not sealed and marked as per instruction to bidders, the Procuring Agency shall assume no responsibility for the bid's misplacement or premature opening and shall be rejected forth with.

2. **Deadline for Submission of Bids**

Bids must be submitted by the bidder and received by the Procuring Agency at the address specified under instruction to bidders, no later than the time and date specified in the invitation for Bids. The Procuring Agency may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in accordance with instruction to bidders, in which case all rights and obligations of the Procuring Agency and bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

3. **Late Bid**

Any bid received by the Procuring Agency after the deadline for submission of bids prescribed by the Procuring Agency shall be rejected and returned unopened to the bidder

4. **Withdrawal of Bids**

The bidder may withdraw its bid after the bid's submission and prior to the deadline prescribed for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in instruction to bidders.

OPENING AND EVALUATION OF BIDS

5. **Opening of Bids**

i. The Procuring Agency shall initially open only the envelope marked **“TECHNICAL PROPOSAL”** in the presence of bidders' representatives who choose to attend, at the time, on the date, and at the place specified in the Invitation for Bids. The bidders' representatives who are present shall sign the Attendance Sheet as evidence of their presence. However, the sealed envelope marked as **“FINANCIAL PROPOSAL”** shall be retained in the custody of Procuring Agency without being opened and till completion of the technical evaluation process.

ii. The bidders' names, item(s) for which they quoted their rate and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be announced at the opening of technical proposal. No bid shall be rejected at technical proposal / bid opening, except for late bids, which shall be returned unopened to the bidder. However, at the opening of Financial Proposals (the date, time and venue would be announced later on), the bid prices, discounts (if any), and the presence or absence of requisite Bid Security and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be announced.

iii. The Procuring Agency shall prepare minutes of the bids opening (technical and financial).

6. **Clarification of Bids**

During evaluation of the bids, the Procuring Agency may, at its discretion, ask the bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted

7. **Preliminary Examination**

i. The Procuring Agency shall examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.

ii. In the financial bids the arithmetical errors shall be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If the bidder does not accept the correction of the errors, its bid shall be rejected, and its bid Security may be forfeited. If there is a discrepancy between words and figures, the amount in words shall prevail.

iii. The Procuring Agency may waive any minor informality, nonconformity, or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any bidder.

iv. Prior to the detailed evaluation, the Procuring Agency shall determine the substantial responsiveness of each bid to the bidding documents. For purposes of these Clauses, a substantially responsive bid is one, which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from, or objections or reservations to critical provisions, such as those concerning Applicable Law, Drugs Act, Taxes & Duties and GMP practices shall be deemed to be a material deviation for technical proposals. The Procuring Agency's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

v. If a bid is not substantially responsive, it shall be rejected by the Procuring Agency and may not subsequently be made responsive by the bidder by correction of the nonconformity.

Evaluation & Comparison of Bids

i. The Procuring Agency shall evaluate and compare the bids, which have been determined to be substantially responsive.

ii. The Procuring Agency's evaluation of technical proposal / bid shall be on the basis of previous performances, inspection of plant/ factory / premises (if found necessary), previous experience, financial soundness and such other details as the Procuring Agency, at its discretion, may consider appropriate, shall be considered. However, the evaluation of financial proposal shall be on the basis of price inclusive of prevailing taxes and duties in pursuant to instruction to bidders.

iii. All bids shall be evaluated in accordance with the evaluation criteria and other terms & conditions set forth in these bidding documents.

iv. A bid once opened in accordance with the prescribed procedure shall be subject to only those rules, regulations and policies that are in force at the time of issue of notice for invitation of bids.

2. Evaluation Criteria

i. **Inspection Criteria of Premises visit is Mandatory**, the company which will qualify this criterion will be eligible for technical evaluation. Performa of Premises visit & technical evaluation is hereby attached.

ii. In case of poor past performance of the company with THE CHILDREN'S HOSPITAL, UCHS LAHORE, the company may be disqualified, based on the decision of the concerned authority.

ii. The firm must give the specification of the items offered without the rates for technical evaluation.

THE INFORMATION PROVIDED BY THE FIRM SHOULD BE RELEVANT, CONCISE AND TO THE POINT AS PER BID EVALUATION CRITERIA, UN NECESSARY DOCUMENTATION WILL HAVE A NEGATIVE IMPACT.

- i) After technical evaluation is completed, the financial proposals will be opened. Bidders' attendance at the opening of financial proposals is optional.
- ii) Financial proposals shall be opened publicly in the presence of the bidders or their representatives who choose to attend. The name of the bidders and the technical score of the bidder shall be read aloud. The financial proposal of the bidders who met the minimum qualifying marks shall then be inspected to confirm that they have remained sealed and unopened. These financial proposals shall be then opened and the quoted price read aloud and recorded.

8. Contacting the Procuring Agency

No bidder shall contact the Procuring Agency on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded. If the bidder wishes to bring additional information to the notice of the Procuring Agency, it should do so in writing. Any effort by a bidder to influence the Procuring Agency in its decisions on bid evaluation, bid comparison, or Contract award may result in the rejection of the bidder's bid. Canvassing by any bidder at any stage of the Tender evaluation is strictly prohibited. Any infringement shall lead to disqualification in addition to any other penalty Procuring Agency may in its discretion impose.

9. Qualification & disqualification of bidders

The Procuring Agency shall disqualify a bidder if it finds, at any time, that the information submitted by firm was false and materially inaccurate or incomplete.

10. Rejection of Bids

The Procuring Agency may reject any or all bids at any time prior to the acceptance of a bid. The Procuring Agency shall upon request communicate to any bidder who submitted a bid, the grounds for its rejection of any or all bids, but is not required to justify those grounds. The Procuring Agency incurs no liability, solely towards bidders who have submitted bids. Notice of the rejection of any or all bids shall be given promptly to the concerned bidders that submitted bids.

11. Re-Bidding

If the Procuring Agency rejects all bids, it may call for a re-bidding or if deems necessary and appropriate the Procuring Agency may seek any alternative methods of procurement under Rule 59 of the Punjab Procurement Rules-2014. The Procuring Agency before invitation for re-bidding shall assess the reasons for rejection and may revise specifications, evaluation criteria or any other condition for bidders, as it may deem necessary.

12. Announcement of Evaluation Report:

The Procuring Agency shall declare the results of bid evaluation prior to the award of procurement contract.

AWARD OF CONTRACT

13. Acceptance of Bid and Award criteria

The bidder with the lowest evaluated bid, if not in conflict with any other law, rules, regulations or policy of the Provincial Government, shall be awarded the Contract, within the original or extended period of bid validity.

14 Procuring Agency's right to vary quantities in case of emergency

The Procuring Agency reserves the right at the time of Contract to issue supply order of the quantity as and when required for use in the Hospital which the firm will be bound to supply as per terms and conditions mentioned in the supply order on day to day basis keeping in view the storage capacity of the Hospital.

15 Limitations on negotiations

Negotiations may not relate to the price or substance of tenders or proposals specified by the bidder in his tender, but only to minor technical, Contractual or logistical details.

I. As guidance only, negotiations may normally relate to the following areas:

- minor alterations to technical details, such as the terms of reference.
- minor amendments to the Special Conditions of Contract;
- finalizing the payment arrangements;
- mobilization arrangements;
- agreeing final delivery or completion schedules to accommodate any changes required by the procuring agency;
- inputs required from the procuring agency;
- clarifying details that were not apparent or could not be finalized at the time of bidding;

II. Negotiations shall not be used to:

- substantially change the technical quality or details of the requirement, including the tasks or responsibilities of the bidder or the performance of the goods;
- substantially alter the terms and conditions of Contract;
- reduce unit rates or reimbursable costs, provided that in case of exceptional circumstances like exorbitant rate, rates higher than prevailing market rates, negotiation may be adopted;
- Substantially alter anything which formed a crucial or deciding factor in the evaluation of the Tenders or proposals.

16. Notification of Award

- i. Prior to the expiration of the period of bid validity, the Procuring Agency shall notify the successful bidder in writing by registered letter, that its bid has been accepted.
- ii. The notification of award shall constitute the formation of the Contract.

17. Purchase Order: -

- i. Procuring Agency shall ask for supply of medical gases on day to day basis even on Sunday and gazetted holidays. Supply can also be asked by the Procuring Agency at any time during emergency. If the successful bidder fails to comply with the supply order then the firm shall be blacklisted minimum for two years and the bid security be forfeited. In such situation, the Procuring Agency may make the award to the next lowest evaluated bidder or call for new bids.

18. Failure of the successful bidder to comply with the requirement of instructions to the bidders shall constitute sufficient grounds for the annulment/termination of the award and forfeiture of the bid Security, in which event the Procuring Agency may make the award to the next lowest evaluated bidder or call for new bids.

19. Corrupt or Fraudulent Practices

a. The Procuring Agency requires that the Procuring Agency as well as bidders/ Contractors observe the highest standard of ethics during the procurement and execution of such Contracts. In pursuance of this policy, the Procuring Agency defines, for the purposes of this provision, the terms set forth below as follows:

- II. **“corrupt practice”** means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in Contract execution; and
 - III. **“fraudulent practice”** means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract to the detriment of the Procuring Agency, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Procuring Agency of the benefits of free and open competition;
- b. Shall reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the Contract in question;
 - c. Shall declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing a Contract; onus of proof will be on the firm.

MANUFACTURER'S AUTHORIZATION FORM

To: The Children's Hospital, University of Child Health Sciences, Lahore _____

WHEREAS *[name of the Manufacturer]* who are established and reputable Manufacturers of *[name and/or description of the goods]* having factories at *[address of factory]* do hereby authorize *[name and address of Supplier/ Agent]* to submit a bid, and subsequently negotiate for the goods manufactured by us. We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids.

[Signature for and on behalf of Manufacturer]

Note: This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the bidder in its bid.

Annexure A

**LIST OF FRAMEWORK FOR MEDICAL GASES
FOR THE YEAR 2023-2024**

Sr. No.	Items Name	Anticipated Demand 2023-2024	Estimated Cost (Rs.)	Total Amount (Rs.)
1	Medical Oxygen			
a.	Liquid Medical Oxygen as per Pharmacopeia (M3)	945,000 Per M3	70/-	66,150,000.00
b.	Compressed Medical Oxygen			
	MM-240 CFT	150 Cylinder	1,250/-	187,500.00
	MF-48 CFT	3,000 Cylinder	695/-	2,085,000.00
	ME-24 CFT	39 Cylinder	356/-	13,884.00
	MJ-98 CFT	500 Cylinder	770/-	385,000.00
2	Nitrous Oxide Gas (Medical Gases)			
	XM-16200 Liter (30 Kg)	50 Cylinder	13,500/-	675,000.00
	XJ-8370 Liter	500 Cylinder	8,730/-	4,365,000.00
	XE-1620 Liter	200 Cylinder	5,200/-	1,040,000.00
3	Nitrogen Gas			
	MM-6.229 M3	20 Cylinder	990/-	19,800.00
	Liquid Nitrogen	150 Cylinder	160/-	24,000.00
4	Carbon Di-Oxide (5 Kg)	50 Cylinder	820/-	41,000.00
5	Medical Air (CF)	50 Cylinder	1,980/-	99,000.00
6.	Maintenance of Cylinders			
	Medical Grade Valve	50 Cylinder	3,400/-	170,000.00
	Spindle Change	50 Cylinder	440/-	22,000.00
	Hydraulic Testing	50 Cylinder	500/-	25,000.00
	Painting	50 Cylinder	750/-	37,500.00
	Painting Drying out Charges	50 Cylinder	Free of Cost	-

Bid security of Rs. 1,506,794/- will be attached with the technical bid.

Sign and Stamp of bidder _____

Note: In case of discrepancy between unit price and total, the unit price shall prevail.


Prof. Dr. Muhammad Saleem
(TEPS) (ACS) (JLAL) (MME) (PPE)
Professor of Paediatric Surgery
Medical Director

SCHEDULE OF REQUIREMENT/SUPPLIES

The supplies shall be made to the Hospital on daily basis as per requirement even on Sunday and Gazetted Holidays

PENALTY	In case the contractor / supplier firm fails to adhere the delivery schedule then, its status will be considered blacklisted until and unless, the firm provides genuine reasons for delay in the supplies which may lead to the blacklisting of the firm.
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CERTIFICATE

1. We hereby confirm to have read carefully all the terms and condition of the tender enquiry No. 41231/9/CH&UCHS dated 26-07-2022 due for opening on 22-08-2022 at 11:30 am.
2. We agree to abide by all these instructions and conditions.
3. We also hereby categorically confirm that the stores offered by us are of the particulars and specifications as laid down in your tender enquiry
4. We accept that if the required earnest money is not furnished or any offer is found lacking in any of the requirements of your tender enquiry the offer may be ignored.
5. We hereby confirm to the delivery period mentioned in the supply orders which would be the essence of the contract and which will be strictly adhered to by us.
6. In case of failure we agree unconditionally to accept the recovery of the liquated damages on belated supplies.
7. Certified that the prices charged/quoted against current tender of The Children's Hospital, UCHS Lahore are not more than the prices charged from any other purchasing agency in the period of the contract. In case of any discrepancy, the firm hereby undertakes to refund the prices charged in excess as and when asked to do so.
8. Certified that the offer is in accordance with the instruction to bidder as per PPRA 2014 given along with the tender enquiry.

NAME OF THE TENDERER

SIGNATURE

POSTAL ADDRESS

TELEPHONE NO.

NIC NUMBER

N.T.NUMBER

SALES TAX NO.

Please attach the following, without which the tender offer will not be acceptable or processed:-

1. COMPUTERISED NATIONAL IDENTITY CARD
2. INCOME TAX CERTIFICATE
3. SALES TAX CERTIFICATE.
4. PROFILE OF THE COMPANY

BIDDING DOCUMENT

FRAMEWORK FOR X-RAY FILMS FOR THE YEAR 2023-2024



The Children's Hospital, University of Child Health Sciences, Ferozpure Road, Lahore

Phone No:- 042-99230901-23

Fax No:- 042-99231560

Website:- www.chich.edu.pk



**The Children's Hospital
University of Child Health Sciences**

Ferozepur Road, Lahore Phone # (92) (42) 99230901-23 Fax # 99231560



INVITATION FOR BIDS

BID REFERENCE NO. PC-4/CH&UCHS/2023-20051

Dated 21-03-2023

FRAMEWORK FOR X-RAY FILMS FOR THE YEAR 2023-24

1. Sealed bids on FRAMEWORK BASIS (item wise) are invited from Bidders i.e. Local Manufacturers / Sole Agents / Importers of foreign principals / distributors engaged in trading, registered with relevant Registration Authorities and Tax Department / Authority (Income Tax, Sales Tax & Punjab Sales Tax etc). The bids shall be received as per single stage two envelope procedures as per PPRA-14. Bidding document, in the English language, can be purchased by the interested bidders on the submission of a written application to the Medical Director, The Children's Hospital, University of Child Health Sciences, Lahore and upon payment of a non-refundable fee of Pak Rs. 2,000/-; deposited in Accounts Department of the CH&UCHS, Lahore.
2. Interested bidders may get the bidding documents & detailed specifications from the office of **Purchase Department** on submission of written application on their letter head and a copy of CNIC along with payment of non-refundable fee of Rs. 2000/- (Two Thousand only) for each set of bidding documents & detailed specifications.
3. Bidding documents including detailed specifications, terms & conditions shall be issued up to **Last Date as mentioned in the advertisement during office hours**. However, a copy of the bidding documents is also available for information only on the websites of Punjab Procurement Regulatory Authority (www.ppra.punjab.gov.pk) until the closing date for the submission of bids.
4. Bidding shall be conducted through **Single Stage – Two Envelopes** bidding procedure, as per Rule 38(2)(a) of Punjab Procurement Rules, 2014 (Amended). The envelopes shall be marked as **"FINANCIAL PROPOSAL"** & **"TECHNICAL PROPOSAL"** in bold and legible letters. Financial proposal of bids found technically non-responsive shall be returned un-opened to the respective bidders.
5. Sealed bids are required to be submitted by the interested bidders on **13-04-2023** till **11:00 a.m.** positively in the **Conference Room (Admin Block)**. The bids received till the stipulated date & time shall be opened on the same day at **11:30 a.m.** in the presence of the bidders or their authorized representatives (who choose to attend) by the purchase committee. Bid Security @ **2%** of the total estimated cost (as determined by the procuring agency) in the shape of irrevocable Bank Guarantee preferably / CDR (Deposit at Call) from any scheduled bank is required to be furnished with the **Technical Bid**. All bids should be submitted in tape or ring binding. Otherwise bid will be rejected.
6. In case the date of opening or last date of sale is declared as a public holiday by the government or non-working day due to any reason, the next official working day shall be deemed to be the date of sale and submission and opening of tenders accordingly. The time and venue shall remain the same.
7. The bidders are requested to give their lowest and best prices with their bids as no negotiation on the prices are allowed.

Note: The procurement shall be governed by the Punjab Procurement Rules, 2014 (amended).

Prof. Dr. Muhammad Saleem
Professor of Paediatric Surgery
Medical Director

1. Compulsory Parameters (Annexure "A")

- i) Original Bid Receipt.
- ii) Copy of Bidders Computerized National Identity Card.
- iii) Bid Security @ **2%** of the total estimated cost (as determined by the procuring agency) in the shape of irrevocable Bank Guarantee preferably / CDR (Deposit at Call) from any scheduled bank is required to be furnished with the **Technical Bid**.
- iv) National tax number (attached attested copy).
- v) General sales tax number (attached attested copy).
- vi) Professional Tax (attached attested copy).
- vii) Previous Experience in the relevant field (less than one year will not be considered).
- viii) Valid Agency Agreement (translated in English) for Sole Agents / valid authorization certification for distributor.
- ix) Undertaking regarding the firm never black listed of Items on the legal stamp paper of Rs. 100/-
- x) Undertaking regarding the firm uninterrupted supply of Items on the legal stamp paper of Rs. 100/-
- xi) Undertaking regarding that the prices quoted against each items mentioned at bid are not more than any other Government Institution in Punjab on the legal stamp paper of Rs. 100/- (**Price Reasonability Certificate**)
- xii) Samples of the quoted items (Product should comply 100% with the advertised specifications) must be submitted at the time of bid opening for evaluation.
- xiii) **All bids should be submitted in tape binding.** All documents should contain proper page marking, attached in sequence as indicated for evaluation in the bidding documents and signatures of authorized person. Moreover, signing and stamping of each page of bidding documents/form is mandatory

2. Bid Validity

Bids shall remain valid for the period of **180 days** after of opening of Technical Bid. A bid valid for a shorter period shall be rejected as Non-Responsive. The procuring agency shall ordinarily be under an obligation to process and evaluate the bid within the stipulated bid validity period. However, under exceptional circumstances and for reason to be recorded in writing, if an extension is considered necessary, all those who have submitted their bids shall be asked to extend their respective bid validity period. Such extension shall be for not more than the period equal to the period of the original bid validity.

3. Bid Evaluation Criteria

For the purposes of determining the lowest evaluated bid, facts other than price such as previous performances, previous experience, engineering / technical capabilities, financial soundness and such other details as the Procuring Agency at its discretion, may consider appropriate shall be taken into consideration. Hospital authorities reserve the right to ignore the lower prices on the basis of quality and standard. The information provided by the firm should be relevant, concise & to the point as per bid evaluation criteria, unnecessary documentation will have a negative impact. During the Technical evaluation, no amendments in the technical proposal shall be permitted.

4. Grievance Petition Period

Prior to the opening of Financial bid, all Technically qualified bidders may be given a margin of ten (10) days after the announcement of technical evaluation report where after the Financial bid may be opened. After lapse of given time between the declaration of Technical Evaluation report and opening of the Financial, no grievance petition would be entertained regarding the Technical qualification of successful bidders. The objection after the opening of the Financial bid remain restricted to the Financial bid only.

5. Acceptance of Bid and Award Criteria.

The Bidder, whose bid is found to be most closely conforming to the Evaluation Criteria prescribed in bidding documents and having the lowest evaluated bid, if not in conflict with any other law, rules, regulations or policy of the Punjab Government, shall be awarded the Contract. The bid must be for the whole quantity of an item as required and advertised. The validity of the contract is one year from the date of issuance or the completion of next contract whichever is earlier.

The procuring agency shall announce the results of the bid evaluation in form of a report, not inconsistent with the Punjab Procurement Rules (PPR) 2014, (amended) giving justification for acceptance or rejection of bids at least ten days prior to the award of procurement contract.

6. Procuring Agency's Right to vary quantities at the time of Award.

The Procuring Agency reserves the right at the time of contract award to increase or decrease the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions, on the analogy of rule-59 (c)(iv) of PPR-14 (not more than 15%).

7. Rejection of Bids as prescribed in Rule 35 of Punjab Procurement Rules-2014 (amended).

- i). The Procuring Agency may reject all bids or proposals at any time prior to the acceptance of a bid or proposal.
- ii). The Procuring Agency shall upon request communicate to any bidder, the grounds for its rejection of all bids or proposals, but shall not be required to justify those grounds.
- iii). The Procuring Agency shall incurs no liability, solely by virtue of its invoking sub-rule (1) towards the bidders.

- iv). The bidders shall be promptly informed about the rejection of the bids, if any.
- v). A procuring agency may, for reasons to be recorded in writing, restart bidding process from any prior stage if it is possible without violating any principle of procurement contained in rule 4 and shall immediately communicate the decision to the bidders.

The goods shall be accompanied by the necessary warranty in accordance with the provision of laws framed there under.

8. Performances Guarantee

The Performance Guarantee will be 5% of the total value of contract amount. The performance Guarantee shall be deposited in the shape of Bank Guarantee preferably / Deposit at Call (CDR), Pay Order and Demand Draft from any scheduled bank. In case of the breach of the contract, the security will be forfeited. The Performance guarantee will be retained till the completion of contract period. The successful bidder is bound to provide the defined performance guarantee within 07 days.

However case of failure the procuring agency on valid reasons may extend period for a specified period of time. Failure to provide a performance guarantee by the bidder will be sufficient ground for annulment of the award and initiation of legal action / debarring of firm by the procuring agency.

In such event the procuring agency may award contract to the next lowest evaluated bidder or call for new bid. In case of the breach of the contract the performance guarantee / security will be forfeited.

9. The successful bidder is bound to provide the defined performance guarantee within 07 days. However case of failure the procuring agency on valid reasons may extend period for a specified period of time. Failure to provide a performance guarantee by the bidder will be sufficient ground for annulment of the award and initiation of legal action / debarring of firm by the procuring agency.

In such event the procuring agency may award contract to the next lowest evaluated bidder or call for new bid. In case of the breach of the contract the performance guarantee / security will be forfeited.

10. Transportation / Delivery Requirements

- i). The Supplier shall arrange such transportation of the Items as is required to prevent their damage or deterioration during transit to their final destination and in accordance with the terms and manner prescribed in the Schedule of Requirement.
- ii). All costs associated with the transportation including loading/unloading of Items and road taxes shall be borne by the Supplier.

11. Warranty (where applicable)

The goods shall be accompanied by the necessary warranty in accordance with the provision of laws framed there under.

12. Penalties / Liquidated Damages

- i). Wherein the Supplier fails to make deliveries as per signed contract & purchase order and within the stipulated time frame specified in the Schedule of Requirement, the Contract to the extent of non-delivered portion of supplies shall stand cancelled.
- ii). After the cancellation of the Contract no supplies shall be accepted and the amount of Performance Guaranty/Security to the extent of non-delivered portion of supplies shall be forfeited.
- iii). If the Supplier fails to supply the whole consignment and not able to deliver to consignee's end, the entire amount of Performance Guaranty/Security shall be forfeited to the Government account and the firm shall be blacklisted minimum for two years for future participation.
- iv). The exact time frame for making supplies without penalty for **45 days** shall be indicated in subsequent purchase orders.
- v). In case of late delivery of goods beyond the periods specified in the Schedule of Requirements and subsequent purchase order, **a penalty @ 0.067% per day of the cost of late delivered supply shall be imposed upon the Supplier.**
- vi). The procuring Agency shall disqualify a bidder if it finds, at any time, that the information submitted by him concerning his qualification as bidder was false and materially inaccurate or incomplete.
- vii). If the lowest bid is rejected due to incompliance of terms and conditions laid down in the bidding documents and contract, the Procuring Agency may proceed (if feasible) on the same tender with next lowest bid.

13. The following terms & conditions are required to be fulfilled by bidders.

- i). If the Bid is accepted, bidder will have to deliver the goods to The Children's Hospital within stipulated time period mentioned in the supply order during the working hours.
 - ii). Partial supply will not be acceptable.
 - iii). If stores rejected by the inspection committee, it will be replaced by the bidder within a week, otherwise, the rejected items will be forfeited in favor of the hospital and bill of the remaining items, if present in the purchase order, will not be forwarded.
 - iv). The bidder will submit three copies of bill against supplies at the time of delivery to the office of the Medical Director, duly supported by three photocopies of purchase order, invoice, advance acceptance, Award Contract and delivery challan.
14. All prices shall be quoted in Pak rupees on the prescribed Performa of Financial Proposal as Annexure "B".
15. List of items with detail specification is hereby attached as Annexure "C".
16. Any conditional or ambiguous bid will not be accepted.
17. Any erasing / cutting / crossing etc. appearing in the offer will not be accepted.

18. Signing and stamping of each page of bidding document / form is mandatory.
19. Financial bid of only technically responsive bidder will be opened as successful technical evaluation of quoted brand by the end-user is mandatory.

Medical Director
The Children's Hospital &
University of Child Health Sciences, Lahore.

The terms and conditions read and agreed.

1. Bidder's Name: _____
2. Bidder's Signature: _____
3. Name of Firm: _____
4. Mailing Address: _____
5. Land Line No: _____
6. Mobile No. _____
7. Seal Stamp: _____

Martina

Annexure - A

Evaluation Criteria (Check List)

Compulsory Parameters

Sr. No.	Parameters	Relevant Page Number in the Bid (to be filled by the bidder)	Compliance Status (Yes / No)
1.	Original Bid Receipt		
2.	Copy of Bidders Computerized National Identity Card.		
3.	Bid Security @ 2% of the total estimated cost (as determined by the procuring agency) in the shape of Irrevocable Bank Guarantee preferably / CDR (Deposit at Call) from any scheduled bank is required to be furnished with the Technical Bid .		
4.	National tax number.(attached attested copy)		
5.	General sales tax number (attached attested copy)		
6.	Professional Tax (Attached attested copy).		
7.	Previous Experience in the relevant field (less than one year will not be considered).		
8.	Valid Agency Agreement (translated in English) for Sole Agents / valid authorization certification for distributor.		
9.	Undertaking regarding the firm never black listed, on the legal stamp paper of Rs. 100/-		
10.	Undertaking regarding the firm uninterrupted on the legal stamp paper of Rs. 100/-		
11.	Undertaking regarding that the prices quoted against each items mentioned at bid are not more than any other Government Institution in Punjab on the legal stamp paper of Rs. 100/- (Price Reasonability Certificate).		
12.	Samples of the quoted items (Product should comply 100% with the advertised specifications) must be submitted at the time of bid opening for evaluation.		
13.	All bids should be submitted in tape binding. All documents should contain proper page marking, attached in sequence as indicated for evaluation in the bidding documents and signatures of authorized person. Moreover, signing and stamping of each page of bidding documents/form is mandatory.	N/A	

Note:- The provision of check list is essential prerequisites alongwith submission of bid.

Prof. Dr. Muhammad Saleem
Professor of Paediatric Surgery
Medical Director

1. Bidder's Name. _____
2. Bidder's Signature. _____
3. Mailing Address. _____
4. Land Line No. _____ Mobile No. _____
5. Seal Stamp. _____

FRAMEWORK FOR X-RAY FILMS FOR THE YEAR 2023-2024

Marking Criteria

(100 Marks)

Sr. No.	DESCRIPTION	MARKS FOR EVALUATION
1.	FINANCIAL CAPACITY OF THE BIDDER Annual Turnover of last financial year	15
	100 Million or above	15
	Between 50 Million- 100	10
	Less than 50 Million	05
	<i>The bidder will provide requisite documents i.e. Federal Board of Revenue document showing the annual sale of the firm.</i>	
2.	EXPERIENCE OF THE QUOTED PRODUCT SINCE JANUARY 2022	20
	Supply of the quoted product Equivalent or Higher than the advertised quantity in Private Sector Only	20
	Supply of the quoted product Equivalent or higher than the advertised quantity in Private & Public Sector Only	13
	Supply of the quoted product at least 60% of advertised quantity in Private & Public Sector Only	06
	Supply of the quoted product at least 60% of advertised quantity in Public Sector Only	03
	<i>The bidder shall provide verifiable documentary evidences like commercial invoices alongwith a summary of sale of quoted product, purchase orders& delivery challan. The bidder shall also provide batch manufacturing record of the product.</i>	
3.	Bidder & Manufacturer Relationship	
	Authorization Certification	20
	Less than one year will not be considered	
	Upto 2 years	05
	Upto 5 years	10
	More than 5years	20
4.	Local Market Business	15
	How many years the quoted product is being marketed in Pakistan?	
	Less than one year will not be considered	
	Upto 2 years	05
	Upto 5 years	10
	More than 5 years	15
5.	Detail of Technical Staff (Services & Maintenance Engineer)	20
	The bidder is required to attach attested copy of the relevant Degree and appointment letter of concerned incumbent technical staff.	
	More than 04 persons	20
	At least 02 persons	10

Sr. No.	DESCRIPTION	MARKS FOR EVALUATION
6.	Ware House Facility Covered area of the ware house. Total number of ware houses in Punjab. Facility of loading and unloading.	10

Note:- The provision of check list is essential prerequisites alongwith submission of bid.
Bids securing minimum of **60% marks** in marking criteria will be eligible for product profile.

Prof. Dr. Muhammad Saleem
Professor of Paediatric Surgery
Medical Director

1. Bidder's Name. _____
2. Bidder's Signature. _____
3. Mailing Address. _____
4. Land Line No. _____ Mobile No. _____
5. Seal Stamp. _____

LIST OF FRAMEWORK FOR X-RAY FILMS FOR THE YEAR 2023-2024

Sr. No.	Item Descriptions	Quantity	Estimated Cost (Rs.)	Total Price (Rs.)	Performance Security (Bank Guarantee / CDR to be submitted by the successful bidders 2%)
1	X-Ray Film Pkt of 150's sheet size (08" x 10") 20 cm x 25 cm	700 Packets	15,600.00	10,920,000.00	218,400.00
2	X-Ray Film Pkt of 150's sheet size (10" x 14") 26 cm x 36 cm	450 Packets	28,200.00	12,690,000.00	253,800.00
3	X-Ray Film Pkt of 100's sheet size (14" x 17") 35 cm x 43cm	450 Packets	28,400.00	12,780,000.00	255,600.00
Total Amount				36,390,000.00	727,800.00

Note:-

- Four CR Systems with UPS, Six printers and fifty cassettes must be provided by the firm free of cost as per requirement of the Hospital.
- Detail specification of the CR Systems & Printers must be attached with the technical proposal.
- Firm will be responsible for the maintenance and back up services with parts of the CR Systems & Printers free of cost until the validity of the contract awarded to the firm for the year **2023-2024**.


Prof. Dr. Muhammad Saleem
 Professor of Paediatric Surgery
 Medical Director

- Bidder's Name. _____
- Bidder's Signature. _____
- Mailing Address. _____
- Land Line No. _____ Mobile No. _____
- Seal Stamp. _____

PURCHASE OF DIGITAL X-RAY FILMS FOR THE YEAR 2023-2024

FINANCIAL PROPOSAL

Sr. No.	Items Description	Brand	Pack size	Anticipated Demand	Unit Price (Rs.)	Total Price (Rs.)
1.						
2.						
3.						


Prof. Dr. Muhammad Saleem
PS TAHS (JAL) NAVE HFE
 Professor of Paediatric Surgery
 Medical Director

1. Bidder's Name. _____
2. Bidder's Signature. _____
3. Mailing Address. _____
4. Land Line No. _____ Mobile No. _____
5. Seal Stamp. _____

BIDDING DOCUMENTS

FOR

FRAMEWORK FOR DENTAL MATERIALS / CHEMICALS,
FRAMEWORK FOR LABORATORY KITS & CHEMICALS AND
FRAMEWORK FOR LABORATORY KITS ON REAGENT RENTAL BASIS



FINANCIAL YEAR 2023-24

The Children's Hospital, University of Child Health Sciences, Ferozpure Road, Lahore

Phone No:- 042-99230901-23

Fax No:- 042-99231560

Website:- www.chich.edu.pk

INVITATION FOR BIDS


BID REFERENCE NO. PC-5-7/CH&UCHS/2023-20051 Dated 21-03-2023

PROCUREMENT OF FRAMEWORK FOR DENTAL MATERIALS / CHEMICALS, FRAMEWORK FOR LABORATORY KITS & CHEMICALS AND FRAMEWORK FOR LABORATORY KITS ON REAGENT RENTAL BASIS FOR THE YEAR 2023-2024

Sealed bids on FRAMEWORK BASIS (Item wise) are invited from Bidders i.e. Local Manufacturers / Sole Agents / Importers of foreign principals / distributors engaged in trading, registered with relevant Registration Authorities and Tax Department / Authority (Income Tax, Sales Tax & Punjab Sales Tax etc). The bids shall be received as per single stage two envelope procedures as per PPRA-14. Bidding document, in the English language, can be purchased by the interested bidders on the submission of a written application to the Medical Director, The Children's Hospital, University of Child Health Sciences, Lahore and upon payment of a non-refundable fee of Pak Rs. 2,000/-; deposited in Accounts Department of the CH&UCHS, Lahore.

1. Interested bidders may get the bidding documents & detailed specifications from the office of **Purchase Department** on submission of written application on their letter head and a copy of CNIC along with payment of non-refundable fee of **Rs. 2,000/- (Two thousand only)** for each set of bidding documents & detailed specifications.
2. Bidding documents including detailed specifications, terms & conditions shall be issued up to **Last Date as mentioned in the advertisement during office hours**. However, a copy of the bidding documents is also available for information only on the websites of Punjab Procurement Regulatory Authority (www.ppra.punjab.gov.pk) The Children's Hospital, University of Child Health Sciences, Lahore (www.chich.edu.pk) until the closing date for the submission of bids. Moreover signed and stamping of each page of bidding document is mandatory otherwise bid shall be rejected straightway.
3. Bidding shall be conducted through **Single Stage – Two Envelopes** bidding procedure, as per Rule 38(2)(a) of Punjab Procurement Rules, 2014 (amended, 2016). The envelopes shall be marked as **"FINANCIAL PROPOSAL" & "TECHNICAL PROPOSAL"** in bold and legible letters. Financial proposal of bids found technically non-responsive shall be returned un-opened to the respective bidders.
4. Sealed bids are required to be submitted by the interested bidders on **13-04-2023** for bid reference No. PC-5/CH&UCHS/2023-20051 and **14-04-2023** for bid reference No. PC-6-7/CH&UCHS/2023-20051 till **11:00 a.m.** positively in the **Conference Room (Admin Block)**. The bids received till the stipulated date & time shall be opened on the same day at **11:30 a.m.** in the presence of the bidders or their authorized representatives (who choose to attend) by the purchase committee. All bids should be submitted in tape or ring binding. Otherwise bid will be rejected.
5. Bid Security @ **2%** of the estimated cost of total bid value in the shape of Bank Guarantee preferably / Deposit at Call (CDR), Pay Order and Demand Draft from any scheduled bank is required to be furnished with the **Technical Bid** otherwise bid will be rejected. Late bids shall not be entertained.
6. In case the date of opening or last date of sale is declared as a public holiday by the government or non-working day due to any reason, the next official working day shall be deemed to be the date of sale and submission and opening of tenders accordingly. The time and venue shall remain the same.
7. The bidders are requested to give their lowest and best prices with their bids as no negotiations on the prices are allowed.
8. The bidder shall provide the required number of sample of the quoted product to concerned store for evaluation, otherwise bid will be rejected.

Note: The procurement shall be governed by the Punjab Procurement Rules, 2014. (Amended).


Medical Director
The Children's Hospital &
University of Child Health Sciences, Lahore.

1. Compulsory Parameters (Annexure "A")

- i) Original Bid Receipt.
- ii) Copy of Bidders Computerized National Identity Card.
- iii) Original CDR attached with the technical bid.
- iv) Sole Agency certification from foreign principal or Authorization letter from manufacturer / sole agent in Pakistan.
- v) National tax number (attached attested copy).
- vi) General sales tax number (attached attested copy).
- vii) Professional Tax (attached attested copy).
- viii) Previous Experience in the relevant field (less than one year will not be considered the bidder shall attached verifiable documentary evidences with the bid.
- ix) CE-MDD/ FDA/ JpMHLW/WHO certification of the quoted brands. (if applicable)
- x) ISO 9001/13485 Certification of the foreign principal
- xi) Valid free sale certificate of quoted brand from the country of manufacturer (translated in English). Valid free sale certificate legalized / notarized, Pakistan embassy attested free sale certificate of the product Medical Devices. (if applicable)
- xii) Undertaking Regarding that the prices quoted against each items mentioned at bid are not more than any other Government Institution in Punjab on the legal stamp paper of Rs. 100/- (**Price Reasonability Certificate**).
- xiii) Undertaking regarding the firm never black list, uninterrupted supply of items on the legal stamp paper of Rs. 100/-
- xiv) **All bids should be submitted in tape binding.** All documents should contain proper page marking, attached in sequence as indicated for evaluation in the bidding documents and signatures of authorized person. Moreover, signing and stamping of each page of bidding documents/form is mandatory

2. Bid Validity

Bids shall remain valid for the period of **180 days** after of opening of Technical Bid. A bid valid for a shorter period shall be rejected as Non-Responsive. The procuring agency shall ordinarily be under an obligation to process and evaluate the bid within the stipulated bid validity period. However, under exceptional circumstances and for reason to be recorded in writing, if an extension is considered necessary, all those who have submitted their bids shall be asked to extend their respective bid validity period. Such extension shall be for not more than the period equal to the period of the original bid validity.

3. Bid Evaluation Criteria

For the purposes of determining the lowest evaluated bid, facts other than price such as previous performances, previous experience, engineering / technical capabilities, financial soundness and such other details as the Procuring Agency at its discretion,

may consider appropriate shall be taken into consideration. Hospital authorities reserve the right to ignore the lower prices on the basis of quality and standard. The information provided by the firm should be relevant, concise & to the point as per bid evaluation criteria, unnecessary documentation will have a negative impact. During the Technical evaluation, no amendments in the technical proposal shall be permitted.

4. Grievance Petition Period

Prior to the opening of Financial bid, all Technically qualified bidders may be given a margin of ten (10) days after the announcement of technical evaluation report where after the Financial bid may be opened. After lapse of given time between the declaration of Technical Evaluation report and opening of the Financial, no grievance petition would be entertained regarding the Technical qualification of successful bidders. The objection after the opening of the Financial bid remain restricted to the Financial bid only.

5. Acceptance of Bid and Award Criteria.

The Bidder, whose bid is found to be most closely conforming to the Evaluation Criteria prescribed in bidding documents and having the lowest evaluated bid, if not in conflict with any other law, rules, regulations or policy of the Punjab Government, shall be awarded the Contract. The bid must be for the whole quantity of an item as required and advertised. The validity of the contract is one year from the date of issuance or the completion of next contract whichever is earlier.

The procuring agency shall announce the results of the bid evaluation in form of a report, not inconsistent with the Punjab Procurement Rules (PPR) 2014, (amended) giving justification for acceptance or rejection of bids at least ten days prior to the award of procurement contract.

6. Procuring Agency's Right to vary quantities at the time of Award.

The Procuring Agency reserves the right at the time of contract award to increase or decrease the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions, on the analogy of rule-59 (c)(iv) of PPR-14 (not more than 15%).

7. Rejection of Bids as prescribed in Rule 35 of Punjab Procurement Rules-2014 (amended).

- i). The Procuring Agency may reject all bids or proposals at any time prior to the acceptance of a bid or proposal.
- ii). The Procuring Agency shall upon request communicate to any bidder, the grounds for its rejection of all bids or proposals, but shall not be required to justify those grounds.
- iii). The Procuring Agency shall incur no liability, solely by virtue of its invoking sub-rule (1) towards the bidders.

- iv). The bidders shall be promptly informed about the rejection of the bids, if any.
- v). A procuring agency may, for reasons to be recorded in writing, restart bidding process from any prior stage if it is possible without violating any principle of procurement contained in rule 4 and shall immediately communicate the decision to the bidders.

The goods shall be accompanied by the necessary warranty in accordance with the provision of laws framed there under.

8. Performances Guarantee

The Performance Guarantee will be 5% of the total value of contract amount. The performance Guarantee shall be deposited in the shape of Bank Guarantee preferably / Deposit at Call (CDR), Pay Order and Demand Draft from any scheduled bank. In case of the breach of the contract, the security will be forfeited. The Performance guarantee will be retained till the completion of contract period. The successful bidder is bound to provide the defined performance guarantee within 07 days.

However case of failure the procuring agency on valid reasons may extend period for a specified period of time. Failure to provide a performance guarantee by the bidder will be sufficient ground for annulment of the award and initiation of legal action / debarring of firm by the procuring agency.

In such event the procuring agency may award contract to the next lowest evaluated bidder or call for new bid. In case of the breach of the contract the performance guarantee / security will be forfeited.

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In such event the procuring agency may award contract to the next lowest evaluated bidder or call for new bid. In case of the breach of the contract the performance guarantee / security will be forfeited.

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- i). The Supplier shall arrange such transportation of the Items as is required to prevent their damage or deterioration during transit to their final destination and in accordance with the terms and manner prescribed in the Schedule of Requirement.
- ii). All costs associated with the transportation including loading/unloading of Items and road taxes shall be borne by the Supplier.

11. Warranty (where applicable)

The goods shall be accompanied by the necessary warranty in accordance with the provision of laws framed there under.

12. Penalties / Liquidated Damages

- i). Wherein the Supplier fails to make deliveries as per signed contract & purchase order and within the stipulated time frame specified in the Schedule of Requirement, the Contract to the extent of non-delivered portion of supplies shall stand cancelled.
- ii). After the cancellation of the Contract no supplies shall be accepted and the amount of Performance Guaranty/Security to the extent of non-delivered portion of supplies shall be forfeited.
- iii). If the Supplier fails to supply the whole consignment and not able to deliver to consignee's end, the entire amount of Performance Guaranty/Security shall be forfeited to the Government account and the firm shall be blacklisted minimum for two years for future participation.
- iv). The exact time frame for making supplies without penalty for **45 days** shall be indicated in subsequent purchase orders.
- v). In case of late delivery of goods beyond the periods specified in the Schedule of Requirements and subsequent purchase order, **a penalty @ 0.067% per day of the cost of late delivered supply shall be imposed upon the Supplier.**
- vi). The procuring Agency shall disqualify a bidder if it finds, at any time, that the information submitted by him concerning his qualification as bidder was false and materially inaccurate or incomplete.
- vii). If the lowest bid is rejected due to incompliance of terms and conditions laid down in the bidding documents and contract, the Procuring Agency may proceed (if feasible) on the same tender with next lowest bid.

13. The following terms & conditions are required to be fulfilled by bidders.

- i). If the Bid is accepted, bidder will have to deliver the goods to The Children's Hospital within stipulated time period mentioned in the supply order during the working hours.
- ii). Partial supply will not be acceptable.
- iii). If stores rejected by the inspection committee, it will be replaced by the bidder within a week, otherwise, the rejected items will be forfeited in favor of the hospital and bill of the remaining items, if present in the purchase order, will not be forwarded.
- iv). The bidder will submit three copies of bill against supplies at the time of delivery to the office of the Medical Director, duly supported by three photocopies of purchase order, invoice, advance acceptance, Award Contract and delivery challan.

- 14. All prices shall be quoted in Pak rupees on the prescribed Performa of Financial Proposal as Annexure "B".
- 15. List of items with detail specification is hereby attached as Annexure "C".
- 16. Any conditional or ambiguous bid will not be accepted.
- 17. Any erasing / cutting / crossing etc. appearing in the offer will not be accepted.

18. Signing and stamping of each page of bidding document / form is mandatory.
19. Financial bid of only technically responsive bidder will be opened as successful technically evaluation of quoted brand by the end-user is mandatory.

Medical Director
The Children's Hospital &
University of Child Health Sciences, Lahore.

The terms and conditions read and agreed.

1. Bidder's Name. _____
2. Bidder's Signature. _____
3. Name of Firm. _____
4. Mailing Address. _____
5. Land Line No. _____
6. Mobile No. _____
7. Seal Stamp. _____

Evaluation Criteria (Check List)

Compulsory Parameters

Sr. No.	Parameters	Relevant Page Number in the Bid (to be filled by the bidder)	Compliance Status (Yes / No)
1.	Original Bid Receipt		
2.	Copy of Bidders Computerized National Identity Card.		
3.	Original Bank Guarantee / Bank Call Deposit (CDR)/ Pay Order and Demand Draft attached with the technical bid.		
4.	Sole Agency, certification from foreign principal or Authorization letter from manufacturer./ sole agent in Pakistan.		
5.	National tax number.(attached attested copy)		
6.	General sales tax number (attached attested copy)		
7.	Professional Tax (attached attested copy).		
8.	Previous Experience in the relevant field (less than one year will not be considered The bidder shall attached verifiable documentary evidences with the bid.		
9.	CE-MDD/ FDA/ JpMHLW/WHO certification of the quoted brands. (if applicable)		
10.	ISO 9001/13485 Certification of the foreign principal		
11.	Valid free sale certificate of quoted brand from the country of manufacturer (translated in English). Valid free sale certificate legalized / notarized, Pakistan embassy attested free sale certificate of the product Medical Devices. (where applicable)		
12.	Undertaking Regarding that the prices quoted against each items mentioned at bid are not more than any other Government Institution in Punjab on the legal stamp paper of Rs. 100/- (Price Reasonability Certificate).		
13.	Undertaking regarding the firm never black list, uninterrupted supply of items on the legal stamp paper of Rs. 100/-.		
14.	All bids should be submitted in tape binding. All documents should contain proper page marking, attached in sequence as indicated for evaluation in the bidding documents and signatures of authorized person. Moreover, signing and stamping of each page of bidding documents/form is mandatory	N/A	

Note:- The provision of check list is essential prerequisites alongwith submission of bid.

Medical Director
The Children's Hospital &
University of Child Health Sciences, Lahore.

- Bidder's Name.
- Bidder's Signature.
- Mailing Address.
- Land Line No.
- Seal Stamp.

	Mobile No.



The Children's Hospital, University of Child Health Sciences
Ferozepur Road, Lahore Phone # (92) (42) 99230901-23 Fax # 99231560



Annexure "B"

FINANCIAL PROPOSAL

Name of Firm. _____

BID REFERENCE NO. PC-5-7/CH&UCHS/2023-20051 Dated 21-03-2023

Sr. No	Name of Items	Specification	Brand Name	Pack Size	Offered Rate / Unit Price (Rs.)	Anticipated Demand	Total Amount (Rs.)

Note:

- The Firms will quote the only one brand against each item if firm quote the more than one brand against the item, such brand will not consider in the technical evaluation.
- Firms having close circuit systems available at the Children's Hospital, University of Child Health Sciences, Lahore will bound to provide I.T. Equipment's for installation of lab integration system (LIS) as per requirement of the hospital.


Medical Director
The Children's Hospital &
University of Child Health Sciences, Lahore.

- Bidder's Name _____
- Bidder's Signature. _____
- Mailing Address. _____
- Land Line No. _____ Mobile No. _____
- Seal Stamp. _____



The Children's Hospital
University of Child Health Sciences
 Ferozepur Road, Lahore Phone # (92) (42) 99230901-23 Fax # 99231560



LIST OF FRAMEWORK FOR DENTAL MATERIALS / CHEMICALS FOR THE YEAR 2023-24

No. PC-5-CH&UCHS/2023/20051

Dated 21-03-2023

Sr. No.	Items Name	Specification	Annual Demand 2023-24	Unit Price (Rs.)	Total Amount (Rs.)	2 % Bid Security
(A) ORTHODONTICS MATERIAL / CHEMICALS ITEMS						
1	Pre-Programmed (MBT) Prescription with set of 8 wires	0.022/0.028 Slot	75 Nos.	14,625	1,096,875	21,938
2	Molar bands triple tube right and left upper	0.022/0.28 slot	300 Nos.	158	47,385	948
3	Bands double tube Right and left Lower	0.22/0.28 Slot	300 Nos.	158	47,385	948
4	Bracket Edgewise Roth prescription upper and lower full set	0.022 / 0.028 Slot A set of 20	150 Nos.	1,872	280,800	5,616
5	a). Stainless Steel Round (Lower Arch and upper arch (Natural)	0.016,0.018, 0.020	500 Nos.	47	23,400	468
	b). Rectangular S/S upper and (Lower Arch (Natural)	0.016x0.022,	300 Nos.	53	15,795	316
	c). Rectangular S/S upper and (Lower Arch (Natural)	0.017x0.022, 0.018x0.025, 0.019x0.0.25, 0.021x0.25	600 Nos.	53	31,590	632
6	a). NiTi Round Wires (Lower Arch and upper arch) Natural	0.012,0.014	500 Nos.	50	25,155	503
	b). NiTi Round Wires (lower Arch and Upper Arch) (Natural)	0.016, 0.018, 0.020	500 Nos.	50	25,155	503
	c). Rectangular NiTi Wires (Upper Arch and Lower Arch Natural)	0.016x0.022	300 Nos.	55	16,497	330
7	Ligature wire	0.012, 0.010	2000 Nos.	11	21,060	421
8	Hard Orthodontic Stainless Steel Wire for TPA	0.9mm	2 Nos.	5,265	10,530	211
9	Steel Ligatures (Preformed)		500 Nos.	12	5,850	117
10	Orthodontic Bonding light cure XT	2.5 g	5 Nos.	8,775	43,875	878
11	Reverse Pull Head Gear	Petit with extra oral elastics	10 Nos.	8,190	81,900	1,638
12	High Pull Head gear	Head cap, face bow, module	20 Nos.	5,265	105,300	2,106
13	High Pull Head gear	head cap, face bow, Module	20 Nos.	5,265	105,300	2,106
14	Chin Cup with Cervical Strap	Medium, High, Low	10 Nos.	585	5,850	117
15	Elastic Latex	Intra-oral (1/4, 5/16, 3/4)	50 Pkts	82	4,095	82
16	Elastic Tooth Separators	Dental Elastics for Molars	50 Roll	250	12,500	250
17	Elastics Chain	Elasto-Forcep (Heavy)	10 Nos.	1,580	15,795	316

Sr. No.	Items Name	Specification	Annual Demand 2023-24	Unit Price (Rs.)	Total Amount (Rs.)	2 % Bid Security
18	Elastics Chain	Elasto-Forcep (Medium)	10 Nos.	1,170	11,700	234
19	Expansion Screw		20 Nos.	527	10,530	211
20	Hyrex Expansion Screw	Rapid Expansion Screw (Assorted Size)	35 Nos.	4,000	140,000	2,800
21	Crimable hooks	Round Base	100 Nos.	176	17,550	351
22	Lingual Button		50 Nos.	176	8,775	176
23	Face Bow of different sizes with head cap and module	metal frame	20 Nos.	2,000	40,000	800
24	Face Bow	head cap with Module	20 Nos.	5,265	105,300	2,106
25	Molar Tubes Full Length	0.022x0.028 Slot	50 Nos.	146	7,313	146
26	Lingual Bracket Set (prefabricated)	0.022x0.028, Slot 20 Pcs	5 Sets	17,550	87,750	1,755
27	Ni Ti Open Coil	Narrow Lumen	10 Coils	1,024	10,238	205
28	Ni Ti Closing coil With Eyelets	3mm, 6mm	30 Coils	556	16,673	333
29	Orthodontic Bonding Kit Self cure		5 Kits	11,115	55,575	1,112
30	Abrasive Strips	Flat Biomolar (Double Ended)	10 Pkts	3,218	32,175	644
31	Kobayashi Tie Hooks		200 Nos.	41	8,190	164
32	Impression Trays	Disposable	10 Sets	488	4,879	98
33	Orthodontic Implants	8, 10, 12 mm	30 Nos.	1,989	59,670	1,193
34	Herbst Appliance		10 Nos.	17,000	170,000	3,400
35	Die Stone		20 Nos.	1,977	39,546	791
36	Hard Plaster		50 Nos.	2,048	102,375	2,048
37	Mirror Tops and Handles a. Hollow Handle b. Solid Handle		50 Nos. 50 Nos.	263 158	13,150 7,900	263 158
38	Putty Materials with extended expiry		10 Nos.	12,285	122,850	2,457
39	Soft Liner	100-gram powder + 97ml Liquid 1-1 Pkg	10 Nos.	34,220	342,200	6,844
40	Glass Ionomer Luting Class I		10 Nos.	7,196	71,955	1,439
41	Impression material (Alginate)		30 Pkts	1,860	55,809	1,116
42	Force Measuring Gauge	(Range 50-500 gms) (Range 100-1000 gms)	1 No.	5,265	5,265	105
43	Glass Lonomer	Type II	5 Nos.	9,126	45,630	913
44	Burs acrylic slow speed	Round cylindrical vulcanite	20 Nos.	731	14,625	293
45	High speed hand piece		4 Nos.	8,775	35,100	702

Sr. No.	Items Name	Specification	Annual Demand 2023-24	Unit Price (Rs.)	Total Amount (Rs.)	2 % Bid Security
	(B) General Dentistry Items					
46	Inverted cone Burs	Diamond, high speed	100 Nos.	70	7,000	140
47	Round Burs	Diamond, high speed	100 Nos.	70	7,000	140
48	Cylindrical Burs	Diamond, high speed	100 Nos.	70	7,000	140
49	Tapering fissure Burs	Diamond, high speed	100 Nos.	70	7,000	140
50	Cements glass Ionomer	Type II (Powder & liquid)	50 Nos.	7,196	359,775	7,196
51	Composite filling materials for Orthodontics	complete kit	2 Kits	12,285	24,570	491
52	Needle for local anesthesia	Disposable (Long/Short)	40 Boxes	1,069	42,775	856
53	Root Canal Spreader	No. 15-40 & 45-80	15 Pkts	924	13,865	277
54	Alveogyl	pack for day Sachet	3 Pkts	6,353	19,059	381
55	Light Cure Machine		2 Nos.	19,773	39,546	791
56	Glass Slab		5 Nos.	222	1,112	22
	Dental Material Lab List					
57	Hard Plaster	Die Stone	30 Kg	573	17,199	344
58	Heat Cure (Pink) Powder		3 Kg	4,563	13,689	274
59	Heat Cure Liquid		3 L	1,726	5,177	104
60	Cold Mould Seal		5 L	456	2,282	46
61	Modeling Wax		10 Box of 500mg	1,931	19,305	386
62	Inlay Wax (Blue)		2 Pack	2,194	4,388	88
63	Pattern Wax (All type)	Preformed (One Each)	5 Roll	1,158	5,792	116
64	Sprue Wax		1 Roll	995	995	20
65	Polishing Cake		5 Cake	632	3,159	63
66	Pumice Powder		2 Kg	500	1,000	20
67	Finishing Stones	White Cone shaped	25 Nos.	88	2,194	44
68	Trimming Burs	T.C.	25 Nos.	105	2,633	53
69	Metal (Ni-Cr)		2 Kg	17,550	35,100	702
70	Metal (Co-Cr)		2 Kg	17,550	35,100	702
71	Self Cure Powder		2 Kg	4,973	9,945	199
72	Self Cure Liquid		2 L	2,024	4,048	81
73	Sand Paper (Water Proof)	350 Grade	50 Strips	88	4,388	88
74	Acrylic Teeth Sets	Set of 28's	50 Sets	521	26,033	521
75	Spirit Lamp	Stainless Steel	10 Nos.	682	6,821	136
76	Porcelain Finishing Kit	complete kit	5 Kit	8,073	40,365	807
77	Wires (S-S) 0.6mm, 0.8mm, 1.25mm	1 Kg Each	3 Kg	527	1,580	32
78	Wires (S-S) 0.7mm, 0.9mm	2 Kg Each	4 Kg	1,030	4,118	82
79	Metal Finishing Burs	complete kit	5 Kit	913	4,563	91

Sr. No.	Items Name	Specification	Annual Demand 2023-24	Unit Price (Rs.)	Total Amount (Rs.)	2 % Bid Security
	(C.) Oral Maxillo Facial Surgery List					
80	10 Hole micro plate titanium		25 Plates	10,764	269,100	5,382
81	20 Hole mini plate titanium		10 Plates	10,998	109,980	2,200
82	Mini screw titanium		50 Screws	750	37,500	750
83	Micro screw titanium		100 Screws	800	80,000	1,600
84	Micro drill bits		5 Nos.	11,700	58,500	1,170
85	Mini drill bits		8 Nos.	11,700	93,600	1,872
86	Screw Drivers Mini		2 Nos.	40,000	80,000	1,600
87	Screw Drivers Micro		2 Nos.	40,000	80,000	1,600
88	Bone & Holding Forceps		3 Nos.	35,000	105,000	2,100
89	Recon Plate R/L		5 Nos.	30,000	150,000	3,000
90	Recon Screw		20 Nos.	2,500	50,000	1,000
91	Recon Drill Bit		3 Nos.	8,000	24,000	480
92	Recon Screw Driver		1 Nos.	35,000	35,000	700


Prof. Dr. Muhammad Saleem
 Professor of Paediatric Surgery
 Medical Director

J.



The Children's Hospital
University of Child Health Sciences

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LIST OF FRAMEWORK FOR LABORATORY KITS ON REAGENT RENTAL BASIS FOR THE YEAR 2023-24

No. PC-7-CH&UCHS/2023/20051

Dated:- 21-03-2023

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024		Unit Price (Rs.)	Total Amount (Rs.)	2% Bid Security
	CBC Analyzer (Blood Bank) 3-Part Diff (Consumable and Controls will be provided by the firm)						
1	CBC test		50,000	Tests	65.00	3,250,000.00	65,000
	CHEMISTER ANALYZER (REAGENT RENTAL) (Consumable and Controls will be provided by the firm)						
2	Albumin		15		29,645.00	444,675.00	8,894
3	Calcium		35		49,085.00	1,717,975.00	34,360
4	Cholestrol		4		10,500.00	42,000.00	840
5	Glucose		4		54,000.00	216,000.00	4,320
6	Urea UV		40		67,500.00	2,700,000.00	54,000
7	Total Protin		4		34,500.00	138,000.00	2,760
8	Uric Acid		7		48,076.00	336,532.00	6,731
9	Triglycerides		4		75,000.00	300,000.00	6,000
10	Alkaline Phosphate		40		40,000.00	1,600,000.00	32,000
11	ALT/GPT		40		51,000.00	2,040,000.00	40,800
12	AST/GOT		5		55,000.00	275,000.00	5,500
13	Tortal Bilirubin		25		106,000.00	2,650,000.00	53,000
14	Direct Billirubin		15		16,700.00	250,500.00	5,010
15	Creatinine Jeffe		40		42,000.00	1,680,000.00	33,600
16	Iron		4		54,000.00	216,000.00	4,320
17	Amaylase		5		117,000.00	585,000.00	11,700
18	LDH		15		61,000.00	915,000.00	18,300
19	Gamma GT		7		32,000.00	224,000.00	4,480
20	Micro total Protien		10		60,000.00	600,000.00	12,000
21	Phosphorous		15		33,000.00	495,000.00	9,900
22	CK NAC		4		44,000.00	176,000.00	3,520
23	Sodium		2		20,000.00	40,000.00	800
24	Pattasium		2		20,000.00	40,000.00	800
25	Chloride		2		20,000.00	40,000.00	800
26	Wash Solution 1		5		55,000.00	275,000.00	5,500
27	Wash Solution 2		5		55,000.00	275,000.00	5,500
	ESR AUTOMATION (REAGENT RENTAL) (Consumable and Controls will be provided by the firm)						
28	ESR Test Card	1x1000 test	38000	Nos.	52.00	1,976,000.00	39,520
29	I Wash (Cleaning Solution)	6x62ml (300 Tests)	30		13,800.00	414,000.00	8,280

Prof. Dr. Muhammad Saleem
FCPS FACS (USA), MME-HIPE
Professor of Paediatric Surgery
Medical Director



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Ferozepur Road, Lahore Phone # (92) (42) 99230901-23 Fax # 99231560



LIST OF FRAMEWORK FOR LABORATORY KITS & CHEMICALS FOR THE YEAR 2023-24

No. PC-6-CH&UCHS/2023/20051

Dated:- 21-03-2023

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024	Unit Price (Rs.)	Total Amount (Rs.)	2% Bid Security
A: CYTOGENETICS ITEMS						
1	RPMI 1640 Medium with L-Glutamate Liquid complete stimulated Liquid)	500 ml	6 Bottle	10,764.00	64,584	1,292
2	Fetal Bovine Serum	100 ml	6 Bottle	17,550.00	105,300	2,106
3	Giemsa Stain Stock Solution for G Banding of Chromosomes	100 ml	10 Bottle	11,583.00	115,830	2,317
4	Glacial Acetic Acid	2.5 liter	5 Bottle	2,000.00	10,000	200
5	Phytohemagglutamin	10 ml	6 Bottle	16,380.00	98,280	1,966
6	Colcemid Solution	10 ml	6 Bottle	16,380.00	98,280	1,966
7	Pencillin / Streptomycin Liquid (10,000 units of Pencillin base and 10,000 units of Streptomycin base)	100 ml	2 Bottle	12,870.00	25,740	515
8	L-Glutamine Solution	100 ml	2 Bottle	50,310.00	100,620	2,012
9	Gurr Buffer Tablets pH 6.8 (IL of Solution)	50 tab.	2 Pack	16,380.00	32,760	655
10	Phosphat Buffer Saline Tab.	100 tab.	2 Pack	9,750.00	19,500	390
11	Methanol (Methyl Alcohol) Anhydrous (ACS) absolute, acetone free	2.5 liter	6 Bottle	2,500.00	15,000	300
12	Trypsin Powder (1:250)	100 gm	1 Pack	51,480.00	51,480	1,030
13	Potassium Chloride Powder	1 Kg	1 Pack	6,300.00	6,300	126
14	T-25 Tissue Culture Flasks (sterilized) 50 ml	200 / Pack	3 Pack	25,740.00	77,220	1,544
15	Falcon tubes with screw cap. 15ml	100 pcs / pack	12 Pack	869.00	10,428	209
B: BLOOD BANK ITEMS						
16	Anti A Slide/tube (anti-sera)	10 ml	1000 Nos.	590.00	590,000	11,800
17	Anti B Slide/tube (anti-sera)	10 ml	1000 Nos.	590.00	590,000	11,800
18	Anti AB Slide/tube (anti-sera)	10 ml	300 Nos.	1,890.00	567,000	11,340
19	Anti-D IgM Slide/tube (anti-sera)	10 ml	1000 Nos.	1,135.00	1,135,000	22,700
20	HBsAg ICT kit	Test	45000 Devices	28.45	1,280,250	25,605
21	Anti HCV ICT Kit	Test	45000 Devices	48.50	2,182,500	43,650
22	HIV ICT kit	Test	45000 Devices	55.95	2,517,750	50,355
23	ICT Malaria kit	Test	45000 Devices	68.00	3,060,000	61,200
24	Syphilis ICT kit	Test	45000 Devices	45.00	2,025,000	40,500
25	Bovine Albumin 22% 10ml / Vial	10 vial/pack	10 Vials	12,000.00	120,000	2,400
26	DiaClon Coombs Serum Green Polyvalent Anti IgG (Rabbit) Anti-C3d 10ml / Vial	10 vial/pack	200 Vials	1,550.00	310,000	6,200
27	LISS Solution	4x250ml / Pack	200 Packs	10,400.00	2,080,000	41,600
28	DiaClon Anti C3d (02ml/Vial)	10 vial/pack	20 Vials	1,890.00	37,800	756
29	DiaClon Coombs Serum Green Polyvalent Anti IgG (Rabbit) Anti-C3d Monoclonal (10ml/Vial)	10 vial/pack	50 Vials	1,552.00	77,600	1,552
30	Anti- Fya 2ml/vial	10 vial/pack	30 Vials	10,500.00	315,000	6,300
31	Anti- Fyb 2ml/vial	10 vial/pack	30 Vials	14,440.00	433,200	8,664
32	Anti- Jka 2ml/vial	10 vial/pack	30 Vials	16,200.00	486,000	9,720
33	Anti- Jkb 2ml/vial	10 vial/pack	30 Vials	16,200.00	486,000	9,720

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024		Unit Price (Rs.)	Total Amount (Rs.)	2% Bid Security
34	Anti- K 2ml/vial	10 vial/pack	30 Vials		24,300.00	729,000	14,580
35	Anti- k 2ml/vial	10 vial/pack	30 Vials		23,625.00	708,750	14,175
36	Anti-Kpa 2ml/vial	10 vial/pack	30 Vials		18,000.00	540,000	10,800
37	Anti-Kpb 2ml/vial	10 vial/pack	30 Vials		17,550.00	526,500	10,530
38	DiaClon Anti-E 2ml/vial	10 vial/pack	30 Vials		11,800.00	354,000	7,080
39	DiaClon Anti-e 2ml/vial	10 vial/pack	30 Vials		32,400.00	972,000	19,440
40	DiaClon Anti-H 2ml/vial	10 vial/pack	30 Vials		6,100.00	183,000	3,660
41	DiaClon Anti-C 2ml/vial	10 vial/pack	30 Vials		24,300.00	729,000	14,580
42	DiaClon Anti Rhesus Control for DiaClon Anti-D 10ml/Vial	10 vial/pack	50 Vials		1,050.00	52,500	1,050
43	DiaCell I+II+III in a suspension of 3% for Antibody screening	3x10 ml / pack	4 Packs		40,000.00	160,000	3,200
44	Anti A1 Lectin	5 ml / vial	500 Vials		1,300.00	650,000	13,000
45	DiaPanel in a suspension of 3% for Antibody Identification 10ml/Vial	10 ml / vial	4 Packs		54,000.00	216,000	4,320
46	Monoclonal Anti-D (Anti-IgG) (10 ml)	10 vial/pack	2 Packs		92,600.00	185,200	3,704
47	Red Cell Elution Kit	10 test / kit	3 Kits		50,000.00	150,000	3,000
	CLIA Screening Tests (i2000SR Abbott USA) (Consumable and Controls will be provided by the firm)						
48	Architect Anti HCV Kits	Test	50,000	Nos.	235.00	11,750,000	235,000
49	Architect HBs Ag Kits	Test	50,000 Nos.		110.00	5,500,000	110,000
50	Architect Anti HIV	Test	50,000 Nos.		110.00	5,500,000	110,000
51	Architect Syphilis	Test	50,000 Nos.		110.00	5,500,000	110,000
	Gel Card Tests (Dia Med) (Consumable and Controls will be provided by the firm)						
52	Gel Cards for Cross Match	Test	50,000 Nos.		127.00	6,350,000	127,000
53	Gel Cards for Forward and reverse Blood Grouping	Test	15,000 Nos.		462.00	6,930,000	138,600
	C: CHEMICAL PATHOLOGY						
	Fully Automated Chemistry Analyzer (Model-Au 480)						
54	Sample Cups	1x1000 pcs	150 Packs		15,000.00	2,250,000	45,000
55	ALT	4x50+4x6.5ml (3920 tests)	60 Kits		51,510.42	3,090,625	61,813
56	Albumin	4x54ml	15 Kits		29,645.00	444,675	8,894
57	ALP	4x30ml + 4x30ml	60 Kits		40,005.00	2,400,300	48,006
58	Amylase	4x40ml	5 Kits		117,927.81	589,639	11,793
59	AST	4x25ml + 4x25ml	5 Kits		55,049.67	275,248	5,505
60	Calcium	4x15ml	55 Kits		49,085.01	2,699,676	53,994
61	Cholesterol	4x45 ml	4 Kits		105,028.00	420,112	8,402
62	CK (NAC)	4x22 ml+4x4ml + 4x6ml	11 Kits		44,891.00	493,801	9,876
63	Creatinine	4x51ml + 4x51ml	60 Kits		42,181.00	2,530,860	50,617
64	Direct Bilrubin	4x6ml + 4x6ml	15 Kits		16,771.00	251,565	5,031
65	GGT	4x18ml +	8 Kits		32,706.67	261,653	5,233
66	Glucose	4x53ml +	6 Kits		54,208.00	325,248	6,505
67	Phosphorous	4x15ml +	15 Kits		33,033.00	495,495	9,910

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024	Unit Pirce (Rs.)	Total Amount (Rs.)	2% Bid Security
68	Iron	4x15ml + 4x15ml	4 Kits	54,208.00	216,832	4,337
69	LDH	4x40ml + 4x20ml	15 Kits	61,154.00	917,310	18,346
70	Total Bilirubin	4x40ml + 4x40ml	55 Kits	106,722.00	5,869,710	117,394
71	Total Protein	4x25ml + 4x25ml	4 Kits	34,558.00	138,232	2,765
72	Triglyceride	4x50ml+4x12.5 ml	4 Kits	75,197.07	300,788	6,016
73	Urea	4x53ml+4x53ml (4920 tests)	60 Kits	67,540.00	4,052,400	81,048
74	Uric Acid	4x30ml+4x12.5 ml (2500 tests)	8 Kits	48,076.00	384,608	7,692
75	Urinary / CSF Protein with Calibrator	4x19ml + 3ml Cal (500 tests)	40 Kits	60,595.00	2,423,800	48,476
76	Multi Calibrator	20x5ml	4 Kits	118,760.00	475,040	9,501
77	Contamination Avoidance	4x54ml	4 Kits	17,940.00	71,760	1,435
78	ISE Buffer	4x2 liter	50 Kits	155,408.00	7,770,400	155,408
79	ISE Mid Standard	4x2 liter	70 Kits	155,408.00	10,878,560	217,571
80	ISE Reference	4x1 liter	20 Kits	155,408.00	3,108,160	62,163
81	ISE Cleaning Solution	6x450 ml	8 Kits	35,202.00	281,616	5,632
82	ISE Low Serum Standard	4x100 ml	5 Kits	65,728.00	328,640	6,573
83	ISE High Serum Standard	4x100 ml	5 Kits	65,728.00	328,640	6,573
84	Wash Solution	6x2 liter	15 Kits	155,510.00	2,332,650	46,653
85	Magnesium	4x40ml R1 4x250 (1000 test)	50 Kits	72,072.00	3,603,600	72,072
86	Sodium Electrode	1 Each	5 Nos.	269,500.00	1,347,500	26,950
87	Potassium Electrode	1 Each	5 Nos.	269,500.00	1,347,500	26,950
88	Chloride Electrode	1 Each	5 Nos.	269,500.00	1,347,500	26,950
89	Lamp	1 Each	3 Nos.	115,500.00	346,500	6,930
90	Control-1	20x5ml	3 Kits	202,680.00	608,040	12,161
91	Control-2	20x5ml	3 Kits	202,680.00	608,040	12,161
	ABGs Machine (Roche B-221)					
92	S1 Calibration Solution	1850 ml x 2	250 Packs	54,786.00	13,696,500	273,930
93	S2 Calibration Solution	2055 ml	250 Bottles	55,786.00	13,946,500	278,930
94	Thermal Paper Roll (11cm)	6 / Pack	150 Packs	4,920.00	738,000	14,760
	D: HISTOPATHOLOGY					
95	Formalin	2.5 liter/ bottle	35 Bottles	9,500.00	332,500	6,650
96	Ethanol	2.5 liter/ bottle	250 Bottles	7,000.00	1,750,000	35,000
97	Acetone	2.5 liter/ bottle	150 Bottles	5,500.00	825,000	16,500
98	Xylene	2.5 liter/ bottle	100 Bottles	7,500.00	750,000	15,000
99	Paraffin wax	2.5 Kg	100 Packs	5,674.50	567,450	11,349
100	Haematoxylin solution	0.5 liter	12 Bottles	12,000.00	144,000	2,880
101	Eosin solution	0.5 liter	12 Bottles	9,500.00	114,000	2,280
102	Methanol	2.5 liter	30 Bottles	3,500.00	105,000	2,100
103	Nitric acid	2.5 liter	5 Bottles	6,411.60	32,058	641
104	Hcl acid	2.5 liter	5 Bottles	2,500.00	12,500	250
105	DPX	500 ml	12 Bottles	10,500.00	126,000	2,520

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024	Unit Pirce (Rs.)	Total Amount (Rs.)	2% Bid Security
106	Distilled water	5 liters	6000 Bottles	643.50	3,861,000	77,220
107	Biopsy paint	50 ml	3 Bottles	8,500.00	25,500	510
108	Isopropanol	5 liter	100 Bottles	6,500.00	650,000	13,000
109	Schiff reagent	500 ml	5 Bottles	13,338.00	66,690	1,334
110	Periodic acid	1 liter	5 Bottles	30,244.50	151,223	3,024
111	Cryomatrix Freezing Media	12x150ml	10 Packs	51,700.00	517,000	10,340
112	Antibody detection kit (Universal	1200 tests	6 Kits	595,000.00	3,570,000	71,400
113	Antigen Retrival Solution	30ml/vial	15 Vials	55,000.00	825,000	16,500
114	Alfa feto protein	12 ml/ vial	1 Vials	68,000.00	68,000	1,360
115	BCL 2	12 ml/ vial	1 Vials	68,000.00	68,000	1,360
116	BCL 6	12 ml/ vial	1 Vials	68,000.00	68,000	1,360
117	Beta catenin	12 ml/ vial	1 Vials	68,000.00	68,000	1,360
118	CD 3	12 ml/ vial	5 Vials	68,000.00	340,000	6,800
119	CD 15	12 ml/ vial	4 Vials	68,000.00	272,000	5,440
120	CD 20	12 ml/ vial	5 Vials	68,000.00	340,000	6,800
121	CD 30	12 ml/ vial	4 Vials	68,000.00	272,000	5,440
122	CD 34	12 ml/ vial	5 Vials	68,000.00	340,000	6,800
123	CD 45	12 ml/ vial	2 Vials	68,000.00	136,000	2,720
124	CD 99	12 ml/ vial	2 Vials	68,000.00	136,000	2,720
125	CD 117	0.2ml/vial	3 Vials	68,000.00	204,000	4,080
126	CD 10	12 ml/ vial	2 Vials	68,000.00	136,000	2,720
127	CD 1a	12 ml/ vial	2 Vials	68,000.00	136,000	2,720
128	Cytokeratin	12 ml/ vial	5 Vials	68,000.00	340,000	6,800
129	Chromogranin A	0.2 ml/ vial	2 Vials	68,000.00	136,000	2,720
130	Desmin	12 ml/ vial	5 Vials	68,000.00	340,000	6,800
131	FLI 1	7 ml /vial	3 Vials	85,000.00	255,000	5,100
132	H-Pylori	12 ml/ vial	1 Vials	68,000.00	68,000	1,360
133	Ki 67	12 ml/ vial	4 Vials	68,000.00	272,000	5,440
134	Myogenin	12 ml/ vial	5 Vials	68,000.00	340,000	6,800
135	Cyclin D1	12 ml/ vial	2 Vials	79,560.00	159,120	3,182
136	PLAP	12 ml/ vial	1 Vials	68,000.00	68,000	1,360
137	PAX-5	12 ml/ vial	4 Vials	68,000.00	272,000	5,440
138	S 100	12 ml/ vial	2 Vials	68,000.00	136,000	2,720
139	Synaptophysin	12 ml/ vial	5 Vials	68,000.00	340,000	6,800
140	Tdt	12 ml/vial	5 Vials	68,000.00	340,000	6,800
141	WT 1	12 ml/ vial	4 Vials	68,000.00	272,000	5,440
142	G FAP	12 ml/ vial	1 Vials	68,000.00	68,000	1,360
143	Calretinin	12 ml/ vial	1 Vials	68,000.00	68,000	1,360
144	PAP Pen	1 No.	12 Vials	48,000.00	576,000	11,520
145	CMV	7ml/vial	2 Vials	38,025.00	76,050	1,521
146	Vimentin	7ml/vial	2 Vials	38,025.00	76,050	1,521
147	STAT 6	7ml/vial	2 Vials	38,025.00	76,050	1,521
148	STAT B2	7ml/vial	2 Vials	38,025.00	76,050	1,521
149	BCOR	7ml/vial	2 Vials	38,025.00	76,050	1,521
150	SALL 4	7ml/vial	2 Vials	38,025.00	76,050	1,521
151	Glypican 3	7ml/vial	2 Vials	38,025.00	76,050	1,521
152	IDH-1	7ml/vial	2 Vials	38,025.00	76,050	1,521
153	ATRX	7ml/vial	2 Vials	38,025.00	76,050	1,521

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024	Unit Price (Rs.)	Total Amount (Rs.)	2% Bid Security
154	Olig 2	7ml/vial	2 Vials	38,025.00	76,050	1,521
155	H3K27M	7ml/vial	2 Vials	38,025.00	76,050	1,521
156	Peroxidase enzyme	100 ml	2 Vials	65,000.00	130,000	2,600
157	HRP (secondary antibody)	40 ml	2 Vials	275,000.00	550,000	11,000
158	C-MYC	7 ml/vial	2 Vials	38,025.00	76,050	1,521
159	ALK 1	6 ml/vial	2 Vials	68,000.00	136,000	2,720
160	CK 7	6 ml/vial	2 Vials	68,000.00	136,000	2,720
161	N-MYC	12 ml/vial	2 Vials	68,000.00	136,000	2,720
162	GAB-1	12 ml/vial	2 Vials	68,000.00	136,000	2,720
163	YAP-1	12 ml/vial	2 Vials	68,000.00	136,000	2,720
164	P 53	6 ml/vial	2 Vials	68,000.00	136,000	2,720
165	ETV 4	7 ml/vial	2 Vials	38,025.00	76,050	1,521
166	NKX 2.2	7 ml/vial	4 Vials	95,000.00	380,000	7,600
167	INI-1	7 ml/vial	2 Vials	105,000.00	210,000	4,200
	Special Stains					
168	PAP stain	3x1 liter	1 Vials	35,000.00	35,000	700
169	Copper stain	2x250 ml	1 Vials	40,950.00	40,950	819
170	Von gieson	100 test /Kit	1 Kits	76,050.00	76,050	1,521
171	Masson's Trichrome	100 test /Kit	1 Kits	76,050.00	76,050	1,521
172	Z.N. stain	(4x500 ml) Set	1 Packs	35,100.00	35,100	702
173	Giemsa stain	0.5 liter	5 Vials	9,500.00	47,500	950
174	Congo red stain	100 test /Kit	1 Kits	52,650.00	52,650	1,053
	General Items					
175	Microtome blade / knife (low profile)	50 / Pack	35 Packs	18,800.00	658,000	13,160
176	Adjuster	50 µl	2 Nos.	9,000.00	18,000	360
177	Adjuster	100 µl	2 Nos.	9,000.00	18,000	360
178	Adjuster	10-100 µl	2 Nos.	9,000.00	18,000	360
179	Adjuster	1000 µl	2 Nos.	9,000.00	18,000	360
180	Adjuster	1's	2 Nos.	12,870.00	25,740	515
181	Diamond pencil	1 pc	5 Nos.	32,100.00	160,500	3,210
182	Disposable grossing knife (different size)	10 pcs	10 Packs	5,500.00	55,000	1,100
183	Cutting board	Each	4 Nos.	28,000.00	112,000	2,240
184	Cutting saw with blades	Each	1 No.	30,000.00	30,000	600
185	Forceps (different size)	Each	12 Nos.	3,000.00	36,000	720
186	Scalpel	Each	6 Nos.	15,000.00	90,000	1,800
187	Strainer	Each	6 Nos.	1,000.00	6,000	120
188	Filter paper rounded shape	100 Sheet / Pack	2 Packs	4,500.00	9,000	180
	E: IMMUNOLOGY LAB ITEMS					
189	ASOT Agglutination Kit	1x100 test	1 Kit	2,983.50	2,984	60
190	RA Factor Agglutination Kit	1x100 test	1 Kit	2,983.50	2,984	60
191	ANA/ SLE (Latex) Agglutination Kit	50 tests / kit	6 Kits	6,426.81	38,561	771
192	CRP Agglutination Kit	50 tests / kit	6 Kits	1,033.11	6,199	124
193	ANA Detect Kit Elisa	96 Test / Kit	30 Kits	38,000.00	1,140,000	22,800
194	ANA by IFA	100 Test/Kit	10 Kits	80,000.00	800,000	16,000
195	AMA by IFA	96 Test / Kit	1 Kit	31,032.00	31,032	621
196	ASMA by IFA	96 tests / kit	1 Kit	54,000.00	54,000	1,080
197	Anti LKM by IFA	96 tests / kit	1 Kit	43,490.00	43,490	870

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198	Anti ds DNA (Elisa)	96 Test / Kit	20 Kits	31,500.00	630,000	12,600
199	Dengue IgG Kit Elisa	96 tests / kit	20 Kits	24,900.00	498,000	9,960
200	Dengue IgM Kit Elisa	96 tests / kit	20 Kits	24,900.00	498,000	9,960
201	Dengue NS 1 Antigen by Elisa	96 tests / kit	20 Kits	63,800.00	1,276,000	25,520
202	Anti-Tissue Transglutaminase IgA (Elisa)	96 Test / Kit	100 Kits	32,800.00	3,280,000	65,600
203	Anti-Tissue Transglutaminase IgG (Elisa)	96 tests / kit	100 Kits	32,800.00	3,280,000	65,600
204	ENA-6 Profile Kit by Elisa	96 tests / kit	20 Kits	64,452.00	1,289,040	25,781
205	HBsAg ICT kit	30 Test/Kit	18000	45,000.00	810,000,000	16,200,000
206	Anti HCV ICT Kit	30 Test/Kit	18000	65,000.00	1,170,000,000	23,400,000
207	Hs CRP Kit	4x30ml R1+4x30ml R2 (1520 tests)	20	241,040.00	4,820,800	96,416
208	Hs CRP Calibrator	5x2ml	2	276,122.00	552,244	11,045
209	RA Factor Kit	4x24ml R1+4x8ml R2 (1000 tests)	2	206,721.45	413,443	8,269
210	RA Factor Calibrator	5x1 ml	1	297,128.00	297,128	5,943
211	ASOT Kit	4x51ml R1+4x7ml R2 (1320 tests)	2	279,510.00	559,020	11,180
212	Complement C3 Level Kit Immunoturbiditric Method	4x10ml R1+4x8ml R2 (1040 tests)	3	220,220.00	660,660	13,213
213	Complement C4 Level Kit Immunoturbiditric Method	4x10ml R1+4x8ml R2 (1040 tests)	3	220,220.00	660,660	13,213
214	Complement C3, C4 Standared Kit	20x5 ml	1	220,220.00	220,220	4,404
215	Immunoglobulin Level IgA Kit Immunoturbiditric Method	R1=4x14ml+R2 = 4x11ml (1000 tests)	1	220,220.00	220,220	4,404
216	Immunoglobulin Level IgG Kit Immunoturbiditric Method	4x22ml R1+4x20ml R2 (1000 tests)	1	220,220.00	220,220	4,404
217	Immunoglobulin Level IgM Kit Immunoturbiditric Method	4x14ml R1+4x11ml R2 (1000 tests)	1	220,220.00	220,220	4,404
218	Serum Protien Control (ITA 1)	6x2 ml	2	311,696.00	623,392	12,468
219	Serum Protien Control (ITA 2)	6x2 ml	2	311,696.00	623,392	12,468
220	Serum Protien Control (ITA 3)	6x2 ml	2	311,696.00	623,392	12,468
221	Serum multiprotien Calibrator	6x2 ml	6	220,220.00	1,321,320	26,426
222	Serum IgE Level kit	6x2 ml	3	24,995.00	74,985	1,500
223	Serum IgE Level Calibrator	6x2 ml	1	24,995.00	24,995	500
224	Serum Cup (small)	1000 Cups	30	20,125.00	603,750	12,075
225	Serum Cup (large)	1000 Cups	20	20,125.00	402,500	8,050
226	ISE Cleaning Solution	6x450 ml	5	35,201.00	176,005	3,520
227	Wash Solution	6x2 liter	5	155,510.00	777,550	15,551
228	Cleaning Solution Contamination Avoidance	4x54 ml	6	17,787.00	106,722	2,134
229	Conductive Tips 300 µl	960 tips	60	42,588.00	2,555,280	51,106
230	Conductive Tips 1100 µl	960 tips	60	56,277.00	3,376,620	67,532
231	Toxoplasma IgG Kit	2x50 tests	5	89,444.00	447,220	8,944
232	Toxoplasma IgG Control	6x2.5 ml	1	65,897.00	65,897	1,318

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024	Unit Price (Rs.)	Total Amount (Rs.)	2% Bid Security
233	Toxoplasma IgG Calibrator	6x1 ml	1	65,897.00	65,897	1,318
234	Toxoplasma IgM Kit	2x50 tests	5	71,486.80	357,434	7,149
235	Toxoplasma IgM Calibrator	2x1.5 ml	1	65,896.00	65,896	1,318
236	Toxoplasma IgM Control	6x2.5 ml	1	65,897.00	65,897	1,318
237	Rubella IgG Kit	2x50 tests	5	105,028.00	525,140	10,503
238	Rubella IgG Calibrator	6x1 ml	1	65,897.00	65,897	1,318
239	Rubella IgG Control Level 1 & 2	6x2.5 ml	1	65,897.00	65,897	1,318
240	Rubella IgM Kit	2x50 tests	5	105,028.00	525,140	10,503
241	Rubella IgM Calibrator	4x1 ml	1	65,897.00	65,897	1,318
242	Rubella IgM Control Level 1 & 2	6x2.5 ml	1	65,897.00	65,897	1,318
243	CMV IgG Kit	2x50 tests	5	176,176.00	880,880	17,618
244	CMV IgG Calibrator	6x1 ml	1	65,897.00	65,897	1,318
245	CMV IgG Control Level 1 & 2	6x2.5 ml	1	65,897.00	65,897	1,318
246	CMV IgM Kit	2x50 tests	5	176,176.00	880,880	17,618
247	CMV IgM Calibrator	2x1 ml	1	65,897.00	65,897	1,318
248	CMV IgM Control Level 1 & 2	6x2.5 ml	1	65,897.00	65,897	1,318
249	Anti HAV IgM Kit	2x50 tests	17 Kits	133,826.00	2,275,042	45,501
250	Anti HAV IgM Calibrator	2x1 ml	2 Packs	65,897.00	131,794	2,636
251	Anti HAV IgM Control Level 1 & 2	6x2.5 ml	1 Pack	65,897.00	65,897	1,318
252	Alpha Feto Protein Kit	2x50 tests	5 Kits	59,968.00	299,840	5,997
253	Alpha Feto Protein Calibrator	7x2.5 ml	1 Pack	25,410.00	25,410	508
254	Alpha Feto Protein Control	2 x 2ml	1 Pack	25,000.00	25,000	500
255	F T3 Kit	2x50 tests	27 Kits	27,824.00	751,248	15,025
256	F T3 Calibrator Kit	6x2.5 ml	2 Kits	17,787.00	35,574	711
257	F T3 Control Kit	2 x 2ml	1 Kit	27,824.00	27,824	556
258	F T4 Kit	2x50 tests	27 Kits	27,823.95	751,247	15,025
259	F T4 Calibrator Kit	6x2.5 ml	2 Kits	17,787.00	35,574	711
260	F T4 Control Kit	2 x 2ml	1 Kit	25,000.00	25,000	500
261	TSH Kit	2x100 tests	27 Kits	60,984.00	1,646,568	32,931
262	TSH Calibrator Kit	6x4 ml	2 Kits	17,787.00	35,574	711
263	TSH Control Kit	2 x 2ml	1 Kit	25,000.00	25,000	500
264	HBsAg Kit	2x50 tests	1 Kit	78,263.00	78,263	1,565
265	HBsAg Calibrator	6x2.5 ml	1 Kit	33,542.00	33,542	671
266	HBsAg Control	2x2ml	1 Pack	25,000.00	25,000	500
267	Sero Immunoassay Control Level 1	12x3 ml	1 Pack	59,121.00	59,121	1,182
268	Sero Immunoassay Control Level 2	12x5 ml	1 Pack	24,062.00	24,062	481
269	Substrate for Immulite 2000	4x130 ml	50 Kits	145,346.00	7,267,300	145,346
270	Wash Buffer	4x1950 ml	100 Kits	28,968.00	2,896,800	57,936
271	Reaction Vessels	16x98	22 Kits	40,233.00	885,126	17,703
272	System Check Solution	6x4 ml	2 Kits	18,760.00	37,520	750
273	Sample Cups 2ml	1000 Cups	50 Packs	20,125.00	1,006,250	20,125
274	Sample Cups 0.5ml	1000 Cups	30 Packs	20,125.00	603,750	12,075
	SPECIAL CHEMISTRY (MAGLUMI) Machine					
275	TSH (CLIA)	100 Tests / Kit	28 Pack	25,000.00	700,000	14,000
276	FT4 (CLIA)	100 Tests / Kit	28 Pack	25,000.00	700,000	14,000
277	FT3 (CLIA)	100 Tests / Kit	28 Pack	25,000.00	700,000	14,000
278	17-OH PROGESTERONE (CLIA)	100 Tests / Kit	2 Pack	171,875.00	343,750	6,875
279	CRP (CLIA)	100 Tests / Kit	300 Pack	78,125.00	23,437,500	468,750

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024	Unit Pirce (Rs.)	Total Amount (Rs.)	2% Bid Security
280	25-OH Vitamin D (CLIA)	100 Tests / Kit	15 Pack	132,813.00	1,992,195	39,844
281	IgE (CLIA)	100 Tests / Kit	5 Pack	74,219.00	371,095	7,422
282	IgM (CLIA)	100 Tests / Kit	20 Pack	65,625.00	1,312,500	26,250
283	IgA (serum analysis) (CLIA)	100 Tests / Kit	20 Pack	65,625.00	1,312,500	26,250
284	IgG (serum analysis) (CLIA)	100 Tests / Kit	20 Pack	65,625.00	1,312,500	26,250
285	HBsAg (CLIA)	100 Tests / Kit	1 Pack	40,625.00	40,625	813
286	Anti HCV (CLIA)	100 Tests / Kit	1 Pack	53,125.00	53,125	1,063
287	HAV IgM (CLIA)	100 Tests / Kit	18 Pack	105,469.00	1,898,442	37,969
288	Anti-dsDNA IgG (CLIA)	50 Tests / Kit	4 Pack	80,859.00	323,436	6,469
289	Toxo IgG (CLIA)	100 Tests / Kit	10 Pack	78,125.00	781,250	15,625
290	Toxo IgM (CLIA)	100 Tests / Kit	10 Pack	78,125.00	781,250	15,625
291	Rubella IgG (CLIA)	100 Tests / Kit	10 Pack	78,125.00	781,250	15,625
292	Rubella IgM (CLIA)	100 Tests / Kit	10 Pack	78,125.00	781,250	15,625
293	CMV IgG (CLIA)	100 Tests / Kit	10 Pack	78,125.00	781,250	15,625
294	CMV IgM (CLIA)	100 Tests / Kit	10 Pack	78,125.00	781,250	15,625
295	HSV-1/2 IgG (CLIA)	100 Tests / Kit	10 Pack	78,125.00	781,250	15,625
296	HSV-1/2 IgM (CLIA)	100 Tests / Kit	10 Pack	78,125.00	781,250	15,625
297	AFP (CLIA)	100 Tests / Kit	5 Pack	47,656.00	238,280	4,766
298	Anti-tTg IgA (CLIA)	100 Tests / Kit	20 Pack	68,750.00	1,375,000	27,500
299	Anti-tTg IgG (CLIA)	100 Tests / Kit	20 Pack	62,500.00	1,250,000	25,000
300	Reaction Modules	6 x 64	160 Pack	26,237.25	4,197,960	83,959
301	Wash Concentrate	1 x 714 ml	60 Pack	12,355.20	741,312	14,826
302	Light Check	1 x 2 ml	5 Pack	6,711.40	33,557	671
303	Reaction Cups	1x546 Box	115 Pack	36,800.00	4,232,000	84,640
304	System Tubing Cleaning Solution	1x500 ml	1 Pack	14,375.00	14,375	288
305	Starter	1+2 2x230 ml	1 Pack	12,355.20	12,355	247
306	HEV IgM	2x50 /Tests	2 Pack	68,000.00	136,000	2,720
307	Anti CCP	2x50 tests	2 Pack	59,000.00	118,000	2,360
	FLOWCYTOMETRY					
308	CD 2 FITC S 5.2 RUO/GMP 2ml	2 ml	8 Nos.	145,757.23	1,166,058	23,321
309	Hu CD 7 PerCP-Cy5.5 M-T701 1ml	1 ml	5 Nos.	111,747.89	558,739	11,175
310	CD 5 APC L17F 12 RUO/GMP 2ml	2 ml	1 No.	106,888.74	106,889	2,138
311	CD 45 APC-Cy7 2D1 RUO / GMP 2ml	2 ml	15 Nos.	170,049.84	2,550,748	51,015
312	CD 10 FITC W8E7 RUO/GMP 2ml	2 ml	1 No.	116,607.04	116,607	2,332
313	Hu CD 19 PE HIB19 2ml	2 ml	1 No.	242,930.81	242,931	4,859
314	CD 20 PerCP-Cy5.5 L27 RUO/GMP 1ml	1 ml	5 Nos.	100,410.92	502,055	10,041
315	Anti-HLA-DR APC RUO/GMP 2ml	2 ml	8 Nos.	242,930.81	1,943,446	38,869
316	CD 11C PE 2ml	2 ml	6 Nos.	100,410.92	602,466	12,049
317	CD 14 FITC MphiP9 RUO/GMP 2ml	2 ml	6 Nos.	99,115.67	594,694	11,894
318	CD 13 PE L138 RUO/GMP 2ml	2 ml	8 Nos.	105,748.92	845,991	16,920
319	CD 33 PerCP-Cy5.5 P67.6 RUO/GMP 1ml	1 ml	6 Nos.	90,694.19	544,165	10,883
320	CD 117 PE-Cy7 104D2 RUO/GMP 2ml	2 ml	10 Nos.	116,453.18	1,164,532	23,291
321	CD 11b APC D12 RUO/GMP 2ml	2 ml	2 Nos.	145,757.23	291,514	5,830
322	Anti-MPO FITC 5B8 RUO/GMP 1ml	1 ml	1 No.	84,214.80	84,215	1,684
323	Hu CD 22 PE HIB 22 2ml	2 ml	2 Nos.	129,562.68	259,125	5,183
324	CD 79a PerCP-Cy5.5 HM 47 RUO/GMP	1 ml	2 Nos.	192,400.36	384,801	7,696

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024	Unit Pirce (Rs.)	Total Amount (Rs.)	2% Bid Security
325	CD 34 PE-Cy7 8G12 Y7 RUO/GMP 2ml	2 ml	10 Nos.	185,274.13	1,852,741	37,055
326	Anti-TdT APC E17-1519 RUO/GMP 2ml	2 ml	10 Nos.	185,223.89	1,852,239	37,045
327	Hu CD 59 FITC P282(H19) 500ul	500 µl	1 No.	119,034.26	119,034	2,381
328	HU CD 45 FITC MAB HI30 2ml	2 ml	1 No.	84,214.80	84,215	1,684
329	HU CD 45 PE MAB HI30 2ml	2 ml	1 No.	84,214.80	84,215	1,684
330	HU CD 45 APC MAB HI30 2ml	2 ml	1 No.	84,214.80	84,215	1,684
331	CD 55 PE IA10 RUO/GMP 1ml	1 ml	1 No.	291,357.46	291,357	5,827
332	HU CD 45 PE-CY7 MAB HI30 2ml	2 ml	1 No.	84,214.80	84,215	1,684
333	CD 45 PERCP	2 ml	5	88,102.12	440,511	8,810
334	CD 5 FITC/CD 10 PE/CD 19 PerCP-Cy 5.5	1 ml	12 Nos.	106,044.08	1,272,529	25,451
335	Kappa FITC/Lambda PE/CD 19 PerCP-Cy 5.5	1 ml	6 Nos.	87,455.28	524,732	10,495
336	CD 3 FITC/MPO PE/CD 79A PERCP-CY 5.5	1 ml	12 Nos.	253,677.46	3,044,130	60,883
337	Glycophorin A PE GAR-2 (HIR2) RUO/GMP	1 ml	2 Nos.	145,757.23	291,514	5,830
338	CD 42a FITC Beb1 RUO/GMP 2ml	2 ml	2 Nos.	184,625.72	369,251	7,385
339	Hu CD 42b PE HIP1 2ml	2 ml	2 Nos.	140,898.08	281,796	5,636
340	CD 61 PerCP RUU-PL7F 12 ASR	2 ml	4 Nos.	87,455.28	349,821	6,996
341	Hu CD 235A APC GA-R2 (HIR 2) 25ug	2 ml	1 No.	92,314.43	92,314	1,846
342	CD 38 APC 2ml	2 ml	8 Nos.	112,663.20	901,306	18,026
343	Human CD 3/CD 16+CD 56 IVD	1 ml	1 No.	84,795.70	84,796	1,696
344	CD 34 PERCP RUO/GMP 1ml	1 ml	2 Nos.	103,649.83	207,300	4,146
345	CD 71 - FITC	2 ml	2 Nos.	135,648.00	271,296	5,426
346	Micro Tips 0.1-10 ul	1000 / pack	25 Nos.	9,420.00	235,500	4,710
347	FAST IMMU IGG2AFITC / IGG1PE / CD 4 PERCP CY 5.5	1 ml	1 No.	404,882.59	404,883	8,098
348	MS IGG1 ITCL PE-CY7 MAB MOPC-21 2ml	2 ml	1 No.	92,314.43	92,314	1,846
349	MS IGGI APC-CY 7 G155-178 2ml /MSIGG2AITCL APC-CY7 100 Test G155-178	2 ml	1 No.	179,768.14	179,768	3,595
350	CD 1A FITC	2 ml	2 Nos.	92,314.43	184,629	3,693
351	FMC 7 FITC	2 ml	1 No.	276,940.15	276,940	5,539
352	CD 64 FITC	2 ml	4 Nos.	95,228.35	380,913	7,618
353	CD 41 FITC	1 ml	4 Nos.	116,607.04	466,428	9,329
354	CD 16 FITC	100 tests	2 Nos.	116,607.04	233,214	4,664
355	Isotype Controls FITC	100 tests	1 No.	129,562.68	129,563	2,591
356	Isotype Control PerCP	100 tests	1 No.	162,568.79	162,569	3,251
357	Isotype Control PE	100 tests	1 No.	138,737.76	138,738	2,775
358	Isotype Control APCY 7	200 tests	1 No.	108,330.00	108,330	2,167
359	Isotype Control PECY 7	400 tests	1 No.	108,330.00	108,330	2,167
360	BD Multicheck Control 1x2.5ml IVD	1 Pack	3 Packs	99,852.00	299,556	5,991
361	BD Multicheck CD 4 Low Control 1x2.5ml IVD	1 Pack	3 Packs	197,820.00	593,460	11,869
362	MS IG KPA COMP BEAD SET 1EA	Kit	1 Kit	84,214.80	84,215	1,684
363	BD CST KIT	Kit	3 Kits	121,464.62	364,394	7,288
364	BD FACS 7-COLOR SETUP BEADS	Kit	2 Kits	334,270.27	668,541	13,371
	Sample Prep Reagents					

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024	Unit Price (Rs.)	Total Amount (Rs.)	2% Bid Security
365	FACS LYSING SOLUTION (IVD	Kit	20 Kits	61,217.44	1,224,349	24,487
366	PERMEABILIZING SOLUTION 2 (10X-500 Tests)	Kit	8 Kits	29,132.92	233,063	4,661
367	CELL FIX 1x50ml	Kit	1 Kit	58,301.95	58,302	1,166
368	Facs Flow Sheath Fluid	20 liters	20 Packs	68,020.25	1,360,405	27,208
369	BD FACS CLEAN	5 liters	8 Packs	45,346.31	362,770	7,255
370	FACS SHUTDOWN SOLUTION	5 liters	12 Packs	45,346.31	544,156	10,883
371	PM KIT FACSCANTO II	1 Kit	2 Kit	939,327.86	1,878,656	37,573
372	Falcon Tubes	No.	10000 No.	141.30	1,413,000	28,260
373	BD MULTITEST 6-COLOR TBNK KIT	1 ml	4 No.	204,059.18	816,237	16,325
374	STEM CELL ENUMERATION KIT	50 tests	4 Packs	325,525.37	1,302,101	26,042
375	BD STEM CELL CONTROL KIT IVD	50 tests	4 Packs	310,951.06	1,243,804	24,876
376	Isotype Control APC (BD)	200 tests	1 Pack	202,784.34	202,784	4,056
377	CD 3 (FITC)	250 tests	2 Packs	194,334.02	388,668	7,773
378	CD 4 (PE)	100 tests	2 Packs	197,582.93	395,166	7,903
379	CD 8 (Percp)	100 tests	2 Packs	204,059.18	408,118	8,162
380	CD 36 PE	100 tests	2 Packs	151,662.00	303,324	6,066
381	CD 56	100 tests	1 Pack	197,582.93	197,583	3,952
382	Bone Marrow Filters / Cell Stainer	Each	200 Nos.	2,072.40	414,480	8,290
	F: HAEMATOLOGY LAB					
	Haematology Analyzer XP-100 (Sysmex					
383	Cell Pack	20 liters	350 Packs	15,000.00	5,250,000	105,000
384	Stramatolyzer	1x500 ml	350 Packs	13,000.00	4,550,000	91,000
385	Control (Low & Normal)	6x3 ml	30 Packs	29,000.00	870,000	17,400
	Haematology analyzer (Nehon Kohden)					
386	Isotonic-4	20 liters	500 Packs	19,261.80	9,630,900	192,618
387	Haemolynac-3N	1 liter	200 Packs	37,392.00	7,478,400	149,568
388	Hemolynac -310	250 ml	100 Packs	34,558.00	3,455,800	69,116
389	Hemolynac -510	250 ml	100 Packs	36,848.00	3,684,800	73,696
390	Cleanac 710	3 liters	70 Packs	38,780.00	2,714,600	54,292
391	Cleanac 810	15x3 ml	70 Packs	42,801.00	2,996,070	59,921
392	Cleanac Solution (Green)	5 liters	70 Packs	36,362.00	2,545,340	50,907
393	Cleanac-3 Solution (Ditergent)	1 liter	100 Packs	6,610.00	661,000	13,220
394	Reticulonac Stain MK-110W	250 ml	100	30,000.00	3,000,000	60,000
395	Q.C. Kits (5-Part)				-	-
	a). Normal	3 ml	8 Nos.	19,261.00	154,088	3,082
	b). Low	3 ml	8 Nos.	19,261.00	154,088	3,082
	c). High	3 ml	8 Nos.	19,261.00	154,088	3,082
396	Q.C. Kits (3-Part)				-	-
	a). Normal	6x3 ml	8 Packs	29,000.00	232,000	4,640
	b). Low	6x3 ml	8 Packs	29,000.00	232,000	4,640
	c). High	6x3 ml	8 Packs	29,000.00	232,000	4,640

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024		Unit Pirce (Rs.)	Total Amount (Rs.)	2% Bid Security
	Automated Slide Maker and Stainer (Beckman Coulter Diagnostic)						
397	Glass microscope slides both ends painted (25x75x1mm)	100 Slide/Pack	38	Packs	110,000.00	4,180,000	83,600
398	Wright's Geimsa Stain	4X2 L	14	packs	112,455.00	1,574,370	31,487
399	Phosphate Buffer (Wright Stain Buffer)	4X2 L	22	Packs	55,597.50	1,223,145	24,463
400	Smear Tape Cratridge (SMS Printer)		14	Nos.	112,455.00	1,574,370	31,487
	6 Part Fully Automated						
401	DxH Diluent	2x10Ltr	1094	Pack	12,500.00	13,675,000	273,500
402	DxH Lyse Reagent	1 Ltr	385	Bottles	14,500.00	5,582,500	111,650
403	DxH Diff Pack	1x2750 ml	149		35,000.00	5,215,000	104,300
404	DxH Cleaning Reagent	5 Ltr	30	Bottles	16,500.00	495,000	9,900
405	DxH Retic Reagent	1x2280 ml	80	Packs	55,000.00	4,400,000	88,000
406	DxH Controls (Low, Normal,high)	3X3.5ml	25	Packs	32,500.00	812,500	16,250
	Variant-II HPLC						
407	Variant 11 β-Thalassemia Reorder Pack- 270-2154	500 test of hemoglobion	5	Kits	369,213.00	1,846,065	36,921
408	Lyphocheck Hemoglobin A2 control Bilevel-553	4x0.5 ml	5	Kits	78,000.00	390,000	7,800
409	Variant 11 Hemoglobin A1C Re-order	1000 test	3	Kits	281,520.00	844,560	16,891
410	Lyphocheck Diabetes control Cat # 740	6x0.5 ml	4	Kits	47,000.00	188,000	3,760
	General Clinical Chemistery						
411	Riqas General Clinical Chemistary Program 10 Parameters	12x5 ml	1	Kit	118,750.00	118,750	2,375
412	Riqas General Clinical Chemistary Program 17 Parameters	12x5 ml	1	Kit	118,750.00	118,750	2,375
413	Riqas General Clinical Chemistary Program 50 Parameters	12x5 ml	1	Kit	118,750.00	118,750	2,375
414	Riqas Haematology Program 10	3x2 ml	1	Kit	125,377.00	125,377	2,508
	Platelet Aggregation (Stago-France)						
415	ADP	3x1 ml	8	Kits	108,799.00	870,392	17,408
416	Ristocetin	10x0.5 ml	15	Kits	318,597.00	4,778,955	95,579
417	Epinephrine	3x1 ml	8	Kits	79,134.00	633,072	12,661
418	Collagen	3x1 ml	8	Kits	118,686.00	949,488	18,990
419	Stir Bar (for PRP and Whole Blood)	1000 / pack	15	Packs	278,802.00	4,182,030	83,641
420	Arachidonic Acid	3x1 ml	10	Kits	158,253.00	1,582,530	31,651
421	Trap 6	3x1 ml	10	Kits	110,451.00	1,104,510	22,090
422	STA vWF Ricof/ ABP vWF Ricof Assay Kit	3x20 tests	8	Kits	529,598.00	4,236,784	84,736
	PLATELET AGGREGATION (CHRONOLOG) SECTION						
423	ADP		5	Vials	76,030.00	380,150	7,603
424	Ristocetin		10	Vials	222,640.00	2,226,400	44,528
425	Epinephrine		5	Vials	55,300.00	276,500	5,530
426	Collagen		5	Vials	82,940.00	414,700	8,294
427	Thrombin		5	Vials	19,917.00	99,585	1,992
428	Arachidonic Acid		5	Vials	110,590.00	552,950	11,059
429	Reaction Tubes	144 / Pack	5	Packs	20,500.00	102,500	2,050
430	Stir Bar (for PRP and Whole Blood)	1000 / Pack	18	Packs	194,830.00	3,506,940	70,139
	Chemical Haematology (Immulite						
431	Serum Ferritin	200 tests	14	Kits	44,805.60	627,278	12,546
432	Serum B12	200 tests	5	Kits	86,800.00	434,000	8,680

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024	Unit Pirce (Rs.)	Total Amount (Rs.)	2% Bid Security
433	Serum Folate	200 tests	5 Kits	47,313.00	236,565	4,731
434	Substrate	2x1000 tests	6 Kits	102,510.80	615,065	12,301
435	Probewash	2000 Nos.	8 Kits	11,813.26	94,506	1,890
436	Reaction Tubes	1000 Nos.	7 Packs	25,613.41	179,294	3,586
437	Lyphocheck Immuno Assay Control level 1, 2, 3	6 Vials / Pack	4 Packs			
438	Eppendorf Cups 1.5ml	(1000 / pack)	10 Packs	2,140.00	21,400	428
	CBC XN - 1000 (XN-20 A1)-2 (Sysmex)					
439	Cell Pack DCL Sysmex	20 liters	200 Packs	12,580.00	2,516,000	50,320
440	Control Low & High		8 Nos.	25,000.00	200,000	4,000
441	Sulfolyser Sysmex	5 liters x 1	20 Kits	70,400.00	1,408,000	28,160
442	WDF Lysercell Sysmex	5 L x1	20 Kits	41,335.00	826,700	16,534
443	WDF Flurocell Sysmex	42ml x 2	15 Kits	203,559.00	3,053,385	61,068
444	Cell Pack DFL Sysmex	1 L x 1	10 Kits	10,626.00	106,260	2,125
445	Ret Flurocell Sysmex	12ml x 2	10 Kits	124,390.00	1,243,900	24,878
446	Cell Clean Autosysmex	20 x 4ml	25 Kits	23,444.46	586,112	11,722
447	XNL Check 11 Sysmex	3.0ml x 1	12 Kits	18,250.00	219,000	4,380
448	XNL Check L2 Sysmex	3.0ml x 1	12 Kits	18,250.00	219,000	4,380
449	Lysercell WNR	5L x 1	20 Kits	16,022.00	320,440	6,409
450	Flurocell WNR	82ml x 2	20 Kits	52,800.00	1,056,000	21,120
451	Lysercell WPC	1.5L x 2	15 Kits	63,360.00	950,400	19,008
452	Flurocell WPC	12ml x 2	15 Kits	171,600.00	2,574,000	51,480
453	XN Check L1	3.0ml x 1	12 Kits	18,250.00	219,000	4,380
454	XN Check L2	3.0ml x 1	12 Kits	18,250.00	219,000	4,380
	CBC XN - 1000 (XN-20 A1)-2 (Sysmex) BMT					0
455	Cell Pack DCL Sysmex	20 liters	15 Kits	12,580.00	188,700	3,774
456	Sulfolyser Sysmex	5L x 1	10 Kits	70,400.00	704,000	14,080
457	WDF Lysercell Sysmex	5L x 1	15 Kits	41,335.00	620,025	12,401
458	WDF Flurocell Sysmex	42ml x 2	10 Kits	203,559.00	2,035,590	40,712
459	Cell Pack DFL Sysmex	1 L x 1	10 Kits	10,626.00	106,260	2,125
460	Ret Flurocell Sysmex	12ml x 2	10 Kits	124,390.00	1,243,900	24,878
461	Cell Clean Autosysmex	20x4ml	10 Kits	23,444.46	234,445	4,689
462	XNL Check L1 Sysmex	3.0ml x 1	3 Kits	18,250.00	54,750	1,095
463	XNL Check L2 Sysmex	3.0ml x 1	3 Kits	18,250.00	54,750	1,095
	Compact Stago-3					
464	Neoplastine (Prothorombine Time kit)	12x10 ml	150 Kits	71,779.00	10,766,850	215,337
465	APTT Reagent	12x5 ml	150 Kits	93,244.00	13,986,600	279,732
466	CaCl2	24x15 ml	35 Kits	27,203.00	952,105	19,042
467	Desorb U	24x15 ml	45 Kits	51,916.00	2,336,220	46,724
468	Coagulation Control	12x2x1 ml	40 Kits	78,661.00	3,146,440	62,929
469	System Control	12x2x1 ml	30 Kits	156,965.00	4,708,950	94,179
470	Fibrinogen	12x4 ml	12 Kits	183,497.00	2,201,964	44,039
471	Thrombin Time	12x2 ml	6 Kits	26,887.00	161,322	3,226
472	Protein C	6x3 ml	35 Kits	390,663.00	13,673,205	273,464
473	Protein S	3x2 ml	30 Kits	140,309.00	4,209,270	84,185
474	Antithrombin III	4x3 ml	30 Kits	124,540.00	3,736,200	74,724
475	FDPS	1x1.3 ml	10 Kits	92,371.00	923,710	18,474

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476	D-Dimers	1x1.3 ml	25 Kits	117,198.00	2,929,950	58,599
477	vWF: Ag	4x5 ml	20 Kits	252,957.00	5,059,140	101,183
478	Unicalibrator	6x1 ml	3 Kits	37,405.00	112,215	2,244
479	STA VWF Calibrator	6x1 ml	3 Kits	43,087.00	129,261	2,585
480	STA Liatest Control N+P	12x2x1 ml	3 Kits	101,214.00	303,642	6,073
481	STA-Cuvette	6x1000	50 Kits	483,821.00	24,191,050	483,821
482	STA-Washing Solution	6x2500 ml	65 Kits	52,417.00	3,407,105	68,142
483	Factor V	6x1 ml	10 Kits	14,152.00	141,520	2,830
484	Factor VII	6x1 ml	10 Kits	113,907.00	1,139,070	22,781
485	Factor VIII	6x1 ml	30 Kits	63,250.00	1,897,500	37,950
486	Factor IX	6x1 ml	15 Kits	63,250.00	948,750	18,975
487	Factor X	6x1 ml	6 Kits	40,096.00	240,576	4,812
488	Factor XIII	1x6 ml	10 Kits	418,281.00	4,182,810	83,656
489	STA Owren Koller	24x15 ml	8 Kits	33,058.00	264,464	5,289
490	Anti-Xa	6x4 ml	6 Kits	156,336.00	938,016	18,760
491	Multi hep Calibrator	4x5x1 ml	1 Kit	113,549.00	113,549	2,271
492	UFH Control	6x2x1 ml	1 Kit	41,141.00	41,141	823
493	LMWH Control	6x2x1 ml	1 Kit	44,432.00	44,432	889
494	ABG's Machine (Nova Biomedical) Callibrator Cartridge for pHox Ultra	600 Tests / Kit	80 Kits	236,115.00	18,889,200	377,784
495	Control pHox Ultra / CCX Multi 1,2,3	3x10x1.7 ml	1 Kit	22,666.00	22,666	453
496	Control pHox Ultra / CCX Chemist	2x10x1.7 ml	1 Kit	22,666.00	22,666	453
497	Na / pHox Conditioning Solution	100 ml	1 Kit	16,055.00	16,055	321
498	Performance Solution	1x30x1.7 ml	1 Kit	5,667.00	5,667	113
499	Nova pHox Syringe Clot Catcher	200 / pack	1 Kit	12,278.00	12,278	246
500	PCO2 Membrane	1x3	10 Kits	40,926.00	409,260	8,185
501	PO2 Membrane	1x6	3 Kits	40,926.00	122,778	2,456
502	Lactate Membrane	1x3	20 Kits	39,352.00	787,040	15,741
503	Pump Tubing Kit	1's	5 Kits	42,500.00	212,500	4,250
504	S-line	1's	2 Kits	47,223.00	94,446	1,889
505	General Items Retics Solution 500ml	500 ml	10 Bottles	18,135.00	181,350	3,627
506	ESR Solution	500 ml	40 Bottles	500.00	20,000	400
507	Giemsa Stain	1 Liter	20 Bottles	9,500.00	190,000	3,800
508	PAS Stain	(2x250ml) Kit	10 Kits	20,000.00	200,000	4,000
509	Sudan Black Stain	(2x250ml) Kit	10 Kits	17,000.00	170,000	3,400
510	Perls/ Iron Stain	3x250 ml	10 Kits	12,000.00	120,000	2,400
511	Filter paper rounded shape		400 Nos.	1,000.00	400,000	8,000
512	Thermal Roll Paper small	1 Roll	15000 Nos.	80.73	1,210,950	24,219
513	WBC Solution	500 ml	30 Bottles	950.00	28,500	570
514	Glass Slides Frosted	72 / pack	2500 Packs	760.00	1,900,000	38,000
515	G: MICROBIOLOGY LAB Automated Bacterial ID Cards	Pack of 20	3,000 Nos.	995.00	2,985,000	59,700
516	Automated Bacterial AST Cards	Pack of 20	3,000 Nos.	995.00	2,985,000	59,700
517	Amikacin (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
518	Amoxycillin (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
519	Imipenem (Sensivity Disc)	Pack of 5 vial	60 Vials	1,980.00	118,800	2,376
520	Vancomycin (Sensivity Disc)	Pack of 5 vial	80 Vials	1,980.00	158,400	3,168

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024	Unit Price (Rs.)	Total Amount (Rs.)	2% Bid Security
521	Amoxycillin+Clavulanic Acid (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
522	Ampicillin (sensitivity disc)	Pack of 5 vial	60 Vials	1,980.00	118,800	2,376
523	Bacitracin (diagnostic sensitivity disc)	Pack of 5 vial	5 Vials	12,400.00	62,000	1,240
524	Cefixime (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
525	Cefoperazone + Sulbactam (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
526	Cefotaxime (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
527	Cefoxitin (sensitivity disc)	Pack of 5 vial	90 Vials	1,980.00	178,200	3,564
528	Ceftazidime (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
529	Ceftriaxone (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
530	Cefuroxime (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
531	Chloramphenicol (sensitivity disc)	Pack of 5 vial	40 Vials	1,980.00	79,200	1,584
532	Ciprofloxacin (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
533	Clarithromycin (sensitivity disc)	Pack of 5 vial	10 Vials	1,980.00	19,800	396
534	Co-trimoxazole (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
535	Erythromycin (sensitivity disc)	Pack of 5 vial	60 Vials	1,980.00	118,800	2,376
536	Fosfomycin (sensitivity disc)	Pack of 5 vial	70 Vials	1,980.00	138,600	2,772
537	Fusidic Acid (sensitivity disc)	Pack of 5 vial	60 Vials	1,980.00	118,800	2,376
538	Gentamicin (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
539	Levofloxacin (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
540	Meropenem (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
541	Metronidazole (sensitivity disc)	Pack of 5 vial	6 Vials	1,980.00	11,880	238
542	Moxifloxacin (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
543	Naladixic acid (sensitivity disc)	Pack of 5 vial	30 Vials	1,980.00	59,400	1,188
544	Nitrofurantoin (sensitivity disc)	Pack of 5 vial	30 Vials	1,980.00	59,400	1,188
545	Norfloxacin (sensitivity disc)	Pack of 5 vial	30 Vials	1,980.00	59,400	1,188
546	Novobiocin (sensitivity disc)	Pack of 5 vial	8 Vials	1,980.00	15,840	317
547	Optochin (diagnostic disc)	Pack of 5 vial	5 Vials	12,400.00	62,000	1,240
548	Ceftazidime avibactam (sensitivity disc)	Pack of 5 vial	40 Vials	12,400.00	496,000	9,920
549	Oxacillin (sensitivity disc)	Pack of 5 vial	10 Vials	1,980.00	19,800	396
550	Penicillin (sensitivity disc)	Pack of 5 vial	60 Vials	1,980.00	118,800	2,376
551	Azithromycin (sensitivity disc)	Pack of 5 vial	40 Vials	1,980.00	79,200	1,584
552	Cefaclor (sensitivity disc)	Pack of 5 vial	10 Vials	1,980.00	19,800	396
553	Clindamycin (sensitivity disc)	Pack of 5 vial	40 Vials	1,980.00	79,200	1,584
554	Piperacillin + Tazobactam (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
555	Rifampin (sensitivity disc)	Pack of 5 vial	10 Vials	1,980.00	19,800	396
556	Tobramycin (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
557	Colistin Sulphate (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
558	Polymyxin B (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
559	Linezolid (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
560	Teichoplanin (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
561	Ampicillin / Salbactam (sensitivity disc)	Pack of 5 vial	24 Vials	1,980.00	47,520	950
562	Cefepime (sensitivity disc)	Pack of 5 vial	120 Vials	1,980.00	237,600	4,752
563	0.5 Mac Farland Turbidity Standard Box	Pack of 5 vial	3 Packs	19,890.00	59,670	1,193
564	ATCC Corynebacterium Diphtheriae	2 Cartidges / pack	2 Packs	35,100.00	70,200	1,404
565	ATCC Haemophilus influenzae	2 Cartidges / pack	2 Packs	35,100.00	70,200	1,404

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024	Unit Price (Rs.)	Total Amount (Rs.)	2% Bid Security
566	ATCC Streptococcus pneumoniae	2 Cartidges / pack	2 Packs	35,100.00	70,200	1,404
567	ATCC Vibrio Cholera	2 Cartidges / pack	1 Packs	35,100.00	35,100	702
568	ATCC Candida	2 / pack	2 Packs	35,100.00	70,200	1,404
569	Biological Indicator Ampules		2 Nos.	6,000.00	12,000	240
570	Biological Indicator Tape		15 Nos.	2,000.00	30,000	600
571	Bijou Bottle		10 Bottles	8,000.00	80,000	1,600
572	Albert's Staining Set	500 ml x 2	6 Set	16,380.00	98,280	1,966
573	Anaerobic Gas Kit	10 sachet / pack	10 Kits	7,950.00	79,500	1,590
574	API 20 NE Kit (bio merieux)	25 strips+25 media	12 Kits	44,700.00	536,400	10,728
575	API NH Kit (bio merieux)	10 strips+10 media	4 Kits	38,200.00	152,800	3,056
576	API 20 E Kit with API20E without reagents (bio merieux)	25 strips+6 Amp.	24 Kits	39,200.00	940,800	18,816
577	API 10S Kit with 20 E Reagents (bio merieux)	50 strips+6 Amp.	50 Kits	45,100.00	2,255,000	45,100
578	API Candida	50 strips+6 Amp.	4 Nos.	45,100.00	180,400	3,608
579	Blood Agar Base	500 grams / bottle	156 Bottles	7,956.00	1,241,136	24,823
580	Occult blood slide test for stool	(30 pcs pack) each	60 Packs			-
581	Chocolate Agar Supplement	2x5 vials / box	72 Vials	17,199.00	1,238,328	24,767
582	Citrate Agar	500 grams / bottle	24 Bottles	12,051.00	289,224	5,784
583	CLED Agar (without andrade indicator)	500 grams / bottle	45 Bottles	8,184.15	368,287	7,366
584	DNase Agar	500 grams / bottle	6 Bottles	18,720.00	112,320	2,246
585	Ethanol (molecular grade)	2.5 liter	10 Bottles	1,600.00	16,000	320
586	Glycerol	5 liter	6 Bottles	8,000.00	48,000	960
587	G.C. Agar	500 gm	36 Packs	17,500.00	630,000	12,600
588	Gram Staining Kit	5x500 ml	36 Kits	13,000.00	468,000	9,360
589	H. Pylori stool antigen detection kit	Test	12 Kits	195.00	2,340	47
590	Hydrogen Peroxide	1 liter	12 Bottles	7,560.00	90,720	1,814
591	Haemoglobin Powder	400 gm	36 Packs	24,500.00	882,000	17,640
592	Indian Ink	100 ml	9 Bottles	5,500.00	49,500	990
593	Kovac's Indole Reagent	100 ml	36 Bottles	3,900.00	140,400	2,808
594	Lysine Iron Agar	500 grams / bottle	12 Bottles	29,250.00	351,000	7,020
595	L.J Slopes	100 slant	6 Nos.	68,000.00	408,000	8,160
596	MacConkey agar	500 grams / bottle	156 Bottles	7,605.00	1,186,380	23,728
597	Motility Indole Ornithime	500 gm	12 Packs	13,500.00	162,000	3,240
598	Conical Flask (Borosil)					-
	a. 500ml	each	24 Nos.	1,485.90	35,662	713
	b. 1000ml	each	24 Nos.	2,398.50	57,564	1,151
599	E-Test Azithromycin	10 strips/ Pack	20 Packs	18,000.00	360,000	7,200
600	E-Test Vancomycin	10 strips/ Pack	5 Packs	18,000.00	90,000	1,800
601	Mueller Hinton Agar for bacterial sensivity	500 grams / bottle	164 Bottles	8,775.00	1,439,100	28,782

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024	Unit Price (Rs.)	Total Amount (Rs.)	2% Bid Security
602	Occult blood slide test for stool	(30 pcs pack) each	9 Packs	167.31	1,506	30
603	Nichrome Wire Loops 5ul	25 pcs / pack	6 Packs	9,360.00	56,160	1,123
604	Alkaline Peptone Water	500 grams / bottle	3 Bottles	16,965.00	50,895	1,018
605	Chromogenic media for candida	500 grams / bottle	2 Bottles	58,500.00	117,000	2,340
606	Sodium Biselenite Powder	100 gm	4 Packs	18,252.00	73,008	1,460
607	Selenite F Broth	500 grams / bottle	12 Bottles	22,230.00	266,760	5,335
608	Saboraud Dextrose Agar (with Chloramphenicol)	500 grams / bottle	4 Bottles	13,104.00	52,416	1,048
609	Sputum Digestant	10 / box	8 Packs	14,500.00	116,000	2,320
610	Cedarwood Oil	500 ml	6 Packs	12,636.00	75,816	1,516
611	Staphylococcal Latex Agglutination Kit	300 tests / kit	12 Kits	30,420.00	365,040	7,301
612	Streptococcal Lancefield Grouping Kit	60 tests / kit	6 Kits	30,420.00	182,520	3,650
613	TCBS Agar	500 gm	3 Packs	11,500.00	34,500	690
614	TSI Agar	500 grams / bottle	18 Bottles	8,073.00	145,314	2,906
615	Urea Agar Media	500 gm	12 Packs	9,300.00	111,600	2,232
616	Urea Solution 40%	100 ml / bottle	50 Bottles	5,265.00	263,250	5,265
617	XLD Agar	500 gm	10 Packs	9,250.00	92,500	1,850
618	ZN Staining Set	4x500 ml	12 Packs	13,000.00	156,000	3,120
619	Clostridium difficile kit	10 tests	6 Nos.	7,100.00	42,600	852
620	PCR tube 0.1 ml compatible Rotor Gene Q (Sterile, Dnase, Rnase, Pyrogen free)	1000 /Pack	4 Packs	19,500.00	78,000	1,560
621	PCR tube 0.2 ml compatible with CFX-96 (Sterile, Dnase, Rnase, Pyrogen free)	1000 / Pack	4 Packs	8,000.00	32,000	640
622	PCR tube 0.2ml with flat cap (sterile, Dnase, Rnase, Pyrogen free)	1000 / Pack	4 Packs	8,000.00	32,000	640
623	HCV Real time PCR kits with (including) RNA extration kit, CE-IVD/FDA/JIS	96 tests	6 Kits	220,000.00	1,320,000	26,400
624	HBV Real time PCR with (including) DNA extration kit CE-IVD/FDA/JIS	96 tests	2 Kits	220,000.00	440,000	8,800
625	CMV real time complete kit with (including) DNA extraction kit CE-IVD/FDA/JIS	96 tests	18 Kits	340,000.00	6,120,000	122,400
626	HCV genotyping real time complete kit (including) RNA extraction kit CE-IVD/FDA/JIS	100 tests	6 Kits	437,500.00	2,625,000	52,500
627	CMV Real Time PCR Kit (E-IVD/FDA Vial)	96 tests	2 Kits	280,000.00	560,000	11,200
628	HCVA Real Time PCR Kits (E-IVD/FDA Vial)	96 tests	3 Kits	160,000.00	480,000	9,600
629	Extraction Kit (E-IVD/FDA Vial)	50 tests	8 Kits	28,500.00	228,000	4,560
630	BK virus real time kit with (including) DNA extraction kit CE-IVD/FDA/JIS	24 tests	1 Kits	129,500.00	129,500	2,590
631	HSV real time complete kit with (including) DNA extraction kit CE-IVD/FDA/JIS	96 tests	1 Kits	365,000.00	365,000	7,300
632	Bile Esculin Media	500 gm/bottle	2 Bottles	65,000.00	130,000	2,600
633	Mannitol Salt Agar	500 gm/bottle	2 Bottles	40,000.00	80,000	1,600
634	Thayer Martin Media	500 gm/bottle	1 Bottle	65,000.00	65,000	1,300

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024	Unit Price (Rs.)	Total Amount (Rs.)	2% Bid Security
635	V factor sensitivity Discs	50 Discs /vial	10 Vials	2,500.00	25,000	500
636	X+V factor sensitivity Discs	50 Discs /vial	10 Vials	2,500.00	25,000	500
637	Vibrio cholerae polyvalent antisera	2 ml/vial	6 Vials	20,000.00	120,000	2,400
638	X factor sensitivity Discs	50 Discs /vial	10 Vials	2,500.00	25,000	500
639	E. coli O157:H7 antisera	2 ml/vial	6 Vials	20,000.00	120,000	2,400
640	Anerobic Transport Medium	Vial	200 Vials	200.00	40,000	800
	H: Bone Marrow Transplant (BMT)					
641	Platelet Aphaeresis kit single needle with ACD (Uniplan Amicus) Fresenius Kabi		100 Kits	29,250.00	2,925,000	58,500
642	Platelet Aphaeresis kit double needle with ACD (Uniplan Amicus) Fresenius Kabi		100 Kits	28,250.00	2,825,000	56,500
643	PBSC Buffy Coat collection with ACD Solution (H-971E) (Haemonetics USA)		40 Kits	29,500.00	1,180,000	23,600
644	Platelet Aphaeresis Kit with ACD Solution (H-996E)(Haemonetics USA)		100 Kits	29,500.00	2,950,000	59,000
	I: Apheresis Section Haematology					
646	Fersenius Plasma Apheresis Kit with ACD Sol.		500 Kits	32,000.00	16,000,000	320,000
647	Trima Accel Platelet Apheresis Kit With ACD Sol. (Double Bag)		150 Kits	24,000.00	3,600,000	72,000
648	Fersenius Platelet Apheresis Kit with ACD Sol. (Double Bag)		100 Kits	28,250.00	2,825,000	56,500
	COVID SECTION (MAGLUMI 800)					-
649	CRP	100 / Kit	10 Kits	59,500.00	595,000	11,900
650	Ferritin	100 / Kit	10 Kits	26,250.00	262,500	5,250
651	D-dimer	100 / Kit	10 Kits	92,000.00	920,000	18,400
652	NT Pro BNP	100 / Kit	10 Kits	105,000.00	1,050,000	21,000
653	TROP-I	100 / Kit	10 Kits	77,500.00	775,000	15,500
654	Reaction Modules	64 x 6 x 1 Box	10 Boxes	22,815.00	228,150	4,563
655	Starter (1+2)	2 x 230 ml	10 Packs	10,296.00	102,960	2,059
656	Wash Concentrate Package	714 ml	10 Packs	10,296.00	102,960	2,059
657	Light check	5x2ml	3 Packs	7,000.00	21,000	420
658	IL6	100 / Kit	5 Kits	153,500.00	767,500	15,350
659	PCT	100 / Kit	10 Kits	172,500.00	1,725,000	34,500
660	2019-nCoV IgG	100 / Kit	10 Kits	80,200.00	802,000	16,040
661	2019-nCoV IgM	100 / Kit	10 Kits	80,200.00	802,000	16,040
	J: DISPOSABLE / GLASSWARE					0
662	Agarose (certified molecular biology)	500mg/bottle	1 Bottles	25,000.00	25,000	500
663	Dream Taq Green Master Mix (2X)		3 Nos.	24,000.00	72,000	1,440
664	Syber safe DNA gel stain		3 Nos.	24,000.00	72,000	1,440
665	Falcon's Tubes (sterilized) with screw cap		700 Nos.	31.00	21,700	434
666	Plastic droppers for sample transfer		7000 Nos.	6.00	42,000	840
667	Lithium Heparin 3 ml	Each	600 Nos.	12.00	7,200	144
668	Glass slides plain	72 / pack	7000 Packs	228.15	1,597,050	31,941

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024	Unit Price (Rs.)	Total Amount (Rs.)	2% Bid Security
669	Microtome Disposable Knife Blade (Low / High Profile) For Microtomy	1x50	80 Nos.	18,800.00	1,504,000	30,080
670	Cover Slips 18 x 18 mm 22 x 22 mm 24 x 50 mm	200 / Pkt 200 / Pkt 100 / Pkt	1200 Packs 1400 Packs 600 Packs	390.00 500.00 590.00	468,000 700,000 354,000	- 9,360 14,000 7,080
671	Bar Coated Slides (Positive charge)	100 / Pkt	70 Packs	29,250.00	2,047,500	40,950
672	Tissue Cassettes for Processing	250 pcs / pkt	150 Packs	3,750.00	562,500	11,250
673	Pipette Tips a) Yellow Tips 100 µl b) Blue Tips 1000 µl	Pack of 1000 1000 pcs pack	700 Packs 700 Packs	315.00 747.63	220,500 523,341	- 4,410 10,467
674	Cytofunnel	50 / pack	40 Packs	140,000.00	5,600,000	112,000
675	Mega funnel slide	50 / pack	40 Packs	52,000.00	2,080,000	41,600
676	Mega funnel with filter card		20 Packs	60,000.00	1,200,000	24,000
677	Thermal Roll large	1 Roll (57mm)	300 Nos.	80.73	24,219	484
678	Micropipettes (1000ul)	1000 ul	5 Packs	10,530.00	52,650	1,053
	Micropipettes (5ul)	5 ul	4 Packs	10,530.00	42,120	842
679	Eppendorf Cups 1.5ml	(1000 / pack)	800 Packs	2.14	1,712	34
680	Blood Culture Bottle a) 15 ml (pack of 250) b) 25 ml (pack of 250) c) (I) Paeds Plus Blood Culture Bottle with Resins for Antibiotic Neutralisation and Fluorescent Sensor on bottom, 40 ml Media Volume, Minimum Draw volume 1ml blood d) Automated Blood Culture / TB Culture System, 80ml Media Bottle range of blood draw volume i.e. 1 ml -10 ml	250 / Pkt 250 / Pkt 50 / Pack 50 / pack	96 Packs 96 Packs 72 Packs 360 Packs	33,345.00 34,515.00 61,964.76 29,600.00	3,201,120 3,313,440 4,461,463 10,656,000	- 64,022 66,269 89,229 213,120
681	Urine Strips (10 parameters)		1000 Nos.	975.00	975,000	19,500
682	Culture Swab Sterilized without media		10000 Nos.	18.05	180,500	3,610
683	Culture Swab Sterilized with media		10000 Nos.	110.00	1,100,000	22,000
684	Sterile Screw Capped Cryovials	50 / Pack	240 Packs	2,350.00	564,000	11,280
685	Aluminum Foil	Roll	120 Nos.	550.00	66,000	1,320
686	Sterile Disposable CSF Collection Tubes with cap 3-5ml	100 pcs	180 Packs	2,080.00	374,400	7,488
687	Pertri Dishes Plastic	1 Pc	400000 Nos.	20.39	8,156,000	163,120
688	Autoclave Deodorant Beads	100 / pack	15 Bottles	12,000.00	180,000	3,600
689	Urine Container	1x100 Nos.	250 Packs	1,081.08	270,270	5,405
690	Disposable Loops a. 1 µl b. 10 µl	3000 pcs / pack 3000 pcs / pack	60 Packs 60 Packs	29,835.00 34,398.00	1,790,100 2,063,880	- 35,802 41,278
691	Cryovial Box	each box	10 Boxes	936.00	9,360	187

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024	Unit Price (Rs.)	Total Amount (Rs.)	2% Bid Security
692	Vaccumed Sterilized Vial				-	-
	(a) CBC Vial	3 ml	550000 Vials	18.66	10,263,000	205,260
	(b) Gell Vial	3 ml	550000 Vials	25.68	14,124,000	282,480
	c) Co-agulation PT / APTT Vial	1.8 ml	230000 Vials	18.66	4,291,800	85,836
	d) Viral Transport Medium (VTM) vial	No.	40000 Vials	29.00	1,160,000	23,200
693	Blood Collection Set with Needle	No.	250000 Nos.	33.35	8,337,500	166,750
694	Blood Lancet	200 / Pack	1000 Packs	253.89	253,890	5,078
695	ESR pipette		1 Nos.	22,800.00	22,800	456
696	Glass Test Tube 3ml	250 / pack	300000 Packs	6.00	1,800,000	36,000
697	Glass Test Tube 5ml		125000 Nos.	8.19	1,023,750	20,475
698	Glass Test Tube 15ml		2400 Nos.	16.38	39,312	786
699	Plastic Test Tube 5ml		250000 Nos.	3.08	770,000	15,400
700	Cation Adjusted Mueller Hinton Broth	500 grams /	6 Bottles	28,080.00	168,480	3,370
701	Lactophenol Cotton Blue	100 ml	3 Bottles	3,900.00	11,700	234
702	Glass Beakers					-
	a). 50 ml	each	10 Nos.	327.60	3,276	66
	b). 100 ml	each	10 Nos.	327.60	3,276	66
	c). 400 ml / 500 ml	each	10 Nos.	432.90	4,329	87
	d). 600 ml	each	10 Nos.	456.30	4,563	91
703	STB capalleries	10x100	60 Packs	4,000.00	240,000	4,800
704	ABG's cappleries	250x4	60 Packs	19,000.00	1,140,000	22,800
	K: TPN SECTION					
705	Sodium chloride	Kg	30 Packs	2,800.00	84,000	1,680
706	Citric Acid	Kg	220 Packs	4,100.00	902,000	18,040
707	Posassium Citrate	Kg	220 Packs	4,200.00	924,000	18,480
708	Sodium Citrate	Kg	200 Packs	2,800.00	560,000	11,200
709	Disodium Hydrogen Phosphate	Kg	120 Packs	4,200.00	504,000	10,080
710	Orthophosphoric Acid	Bottle	30 Bottles	6,500.00	195,000	3,900
711	Bleaching Power	Kg	15 Packs	2,800.00	42,000	840
712	Boric Acid	Kg	15 Packs	3,300.00	49,500	990
713	Zinc Acetate	Kg	30 Packs	4,200.00	126,000	2,520
714	Sodium Benzoate	Kg	90 Packs	3,500.00	315,000	6,300
715	Lactose	Kg	30 Packs	4,200.00	126,000	2,520
716	Zinc Sulphate	Kg	50 Packs	4,200.00	210,000	4,200
717	Dextrose	Kg	50 Packs	2,500.00	125,000	2,500

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LIST OF FRAMEWORK FOR LABORATORY KITS ON REAGENT RENTAL BASIS FOR THE YEAR 2023-24

No. PC-7-CH&UCHS/2023/20051

Dated:- 21-03-2023

Sr. No.	Items Name	Pack Size	Annual Demand 2023-2024		Unit Price (Rs.)	Total Amount (Rs.)	2% Bid Security
	CBC Analyzer (Blood Bank) 3-Part Diff (Consumable and Controls will be provided by the firm)						
1	CBC test		50,000	Tests	65.00	3,250,000.00	65,000
2	CHEMISTER ANALYZER (REAGENT RENTAL) (Consumable and Controls will be provided by the firm) Albumin		15		29,645.00	444,675.00	8,894
3	Calcium		35		49,085.00	1,717,975.00	34,360
4	Cholestrol		4		10,500.00	42,000.00	840
5	Glucose		4		54,000.00	216,000.00	4,320
6	Urea UV		40		67,500.00	2,700,000.00	54,000
7	Total Protin		4		34,500.00	138,000.00	2,760
8	Uric Acid		7		48,076.00	336,532.00	6,731
9	Triglycerides		4		75,000.00	300,000.00	6,000
10	Alkaline Phosphate		40		40,000.00	1,600,000.00	32,000
11	ALT/GPT		40		51,000.00	2,040,000.00	40,800
12	AST/GOT		5		55,000.00	275,000.00	5,500
13	Tortal Bilirubin		25		106,000.00	2,650,000.00	53,000
14	Direct Billirubin		15		16,700.00	250,500.00	5,010
15	Creatinine Jeffe		40		42,000.00	1,680,000.00	33,600
16	Iron		4		54,000.00	216,000.00	4,320
17	Amaylase		5		117,000.00	585,000.00	11,700
18	LDH		15		61,000.00	915,000.00	18,300
19	Gamma GT		7		32,000.00	224,000.00	4,480
20	Micro total Protien		10		60,000.00	600,000.00	12,000
21	Phosphorous		15		33,000.00	495,000.00	9,900
22	CK NAC		4		44,000.00	176,000.00	3,520
23	Sodium		2		20,000.00	40,000.00	800
24	Pattasium		2		20,000.00	40,000.00	800
25	Chloride		2		20,000.00	40,000.00	800
26	Wash Solution 1		5		55,000.00	275,000.00	5,500
27	Wash Solution 2		5		55,000.00	275,000.00	5,500
	ESR AUTOMATION (REAGENT RENTAL) (Consumable and Controls will be provided by the firm)						
28	ESR Test Card	1x1000 test	38000	Nos.	52.00	1,976,000.00	39,520
29	I Wash (Cleaning Solution)	6x62ml (300 Tests)	30		13,800.00	414,000.00	8,280

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