

Medical Teaching Institution (MTI)

Lady Reading Hospital (LRH) Peshawar

Contact No: 091-9211927

BID SOLICITATION DOCUMENTS

For

Pneumatic Tube System

2021-22

Note: The prospective bidder is expected to examine the Bidding Documents carefully, including all Instructions, Terms & Conditions, and Specifications etc. Failure to furnish all information required by the Bidding documents or submission of a Bid not substantially responsive to the Bidding Documents in every respect would result in the rejection of the Bid.

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1. INTRODUCTION:

Medical Teaching Institution (MTI)/ Lady Reading Hospital Peshawar invites item wise sealed bids from the Manufacturer/Authorized Dealers for procurement of **“Pneumatic Tube System Equipment & Other Items 2021-22”** for Hospital Open Competitive Bidding under rule 6(2) (b) **“Single Stage Two Envelope”** bidding procedures of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Rules 2014.

2. INSTRUCTIONS TO BIDDERS:

1. This Bidding procedure will be conducted in light of Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Laws, Rules made there under along with Standard Bidding Documents.
2. Both Technical Bids and Financial Bids must be submitted in two separate sealed inner envelopes marked “1-Technical Bids” and “2-Financial Bids” which should be packed in one outer envelope.
3. The technical bids will be opened on _____ at 11:00 AM in presence of the bidders/representatives who choose to attend while the financial bids will be opened later on after the evaluation of technical bids. Financial bids of only technically qualified responsive bidders will be opened while the financial bids of technically unqualified bidders will be returned unopened.
4. An affidavit is mandatory, without indicating the figure in the Technical Bid that bid security is placed in the financial bid. Duly attested by notary public.
5. Pre-bid meeting with the interested bidders will be held on _____ at 11:00 AM hrs in Conference Room / AHD office / MMD Office of the Institution.
6. Any bid received after the deadline for submission of bids shall not be entertained and shall be returned unopened to the Bidder.
7. All the bidders are required to provide annexure wise complete requisite documents with page marking for their Technical Evaluation / Qualification as prescribed under the rules.
8. The bid should be complete in all respect and must be signed by the bidder.
9. All prices quoted must be in Pak Rupees (PKR) and should include all applicable taxes. If not specifically mentioned in the Quotation, it will be presumed that the prices include all the taxes. LRH Peshawar is exempted from GST.
10. Bidders are essentially required to provide correct and latest postal/email/web addresses, phone/mobile/fax numbers for actively and timely communication.
11. For any query, clarification regarding Services / Bid Solicitation Documents, the applicants may send a written request at least one day prior to the opening date.
12. The Bidder may after its submission withdraw its bid prior to the expiry of the deadline prescribed

for submission of bids. Withdrawn bids will be returned unopened to the Bidders.

13. Any bid not received as per terms and conditions laid down in this document are liable to be ignored. No offer shall be considered if:
 - a. Received without earnest money;
 - b. It is received after the date and time fixed for its receipt;
 - c. The tender document and the bid is unsigned;
 - d. The offer is ambiguous;
 - e. The offer is conditional i.e., advance payment, or currency fluctuations etc.
 - f. The offer is from blacklisted firm in any Federal / Provincial Govt. Dept.:
 - g. Only typed tender on original prescribing letter pad, sealed & signed (Every Page) should be submitted, the quoted Price must be pre printed and hand written quoted price will not be acceptable. The tenders must be according to hospital specification; alternate rates will not be acceptable
14. Usage of correction fluid & corrections are strictly prohibited unless duly initiated.
15. Any erasing / cutting etc. appearing on the offer, must be properly signed by the person signing the tender.
16. Bids will be rejected if the Bid is in some way connected with bids submitted under names different from his own.
17. In case of Bid Tie, the decision will be taken by making toss/draw/Recall sealed quotation in front of the bidders.
18. Any direct or indirect effort by a bidding firm to influence this institution during the process of selection of a bidder or award of contract may besides rejection of its bid result into its disqualification from participation in the LRH Peshawar's future bids.

3. ELIGIBILITY CRITERIA:

- Bidders must give compliance to the below mentioned clauses as these are mandatory to being eligible for the bidding process. Relevant certificates must be attached.
- The bidder must be registered with Income / Sales Tax Department, reflected as Active Tax Payer on the list of FBR.NTN/KNTN and KPK Professional tax
- The bidder shall provide an undertaking that the bidder has not been declared black listed by any Governmental/ Semi-Governmental institutions.
- Bidders shall not be eligible to bid if they are under a declaration of Ineligibility for corrupt and fraudulent practices issued by any government organization in accordance with the Section 44(1) KPP Rules 2014.

4. GENERAL CONDITIONS: -

1. LRH Peshawar shall evaluate the proposal in a manner prescribed in advance, without reference to the price and reject any proposal which does not conform to the specified requirements.
2. Alternative bid shall not be considered and shall be rejected by the Competent Authority.
3. LRH Peshawar may increase or decrease the quantity of the items required, as per KPPRA rules.
4. At any time prior to the deadline for submission of bids, LRH Peshawar may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the bidding documents by amendment.
5. If a bid is not substantially responsive, it will be rejected by the Procuring Entity and may not subsequently be made responsive by the Bidder by correction of the nonconformity.
6. MTI / LRH Peshawar may accept or reject any or all of the bids under Rule 47 of KPPRA Rules, 2014.
7. Additional documents will not be acceptable after Bid Submission.
8. Quantity may be increase or decrease as per requirement.

5. INVITATION FOR BIDS

Lady Reading Hospital
Medical Teaching institute
Peshawar
Phone: 091-9211927

INVITATION FOR BIDS

Hospital Director, Medical Teaching Institute, **Lady Reading Hospital Peshawar** invites sealed bids from Manufacturer/Authorized Distributors under National Competitive Bidding for the procurement of **“Pneumatic Tube System Equipment & Other Items 2021-22”** for Hospital, under rule 6(2)(b) **“Single stage Two envelope procedure”** of KPPRA Rules 2014, from Manufacturer/Authorized Dealers registered with the Income / Sales tax, reflected on Active Taxpayer List of FBR.

The bidders are required to submit bid security @ **2% of Total Bid Value** in the name of Hospital Director LRH Peshawar. Pre-bid meeting with the interested bidders will be held on _____ at 11:00 AM at Committee room of Material Management Department of the institution.

The tenders complete in all respect must reach the undersigned by 11:00 AM on _____, which will be opened at 11:30 AM on the same day in conference room / AHD office of the Hospital in the presence of the procurement committee and the bidders / representatives who may choose to attend.

Competent Authority reserves the right to reject any or all the bids as per provisions contained in Rule 47 of KPPRA Rules 2014.

6. BID Security

Bid security @ **2% of Total Bid Value** (refundable) drawn in favor of “Hospital Director LRH-MTI Peshawar”

The bid security may be forfeited:

- i) If a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Form; or
- ii) In the case of a successful Bidder, if the Bidder fails to sign the contract or to furnish performance Guarantee.

7. BID VALIDITY:

- i) The bids should be valid for 120 days.
- ii) In exceptional circumstances, LRH Hospital may solicit the Bidder’s consent to an extension of the period of validity reasons shall be recorded in writing. The request and the responses there to shall be made in writing. The bid security provided shall also be suitably extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid, except as provided in the bidding document.

8. STATEMENT OF REQUIREMENT WITH SPECIFICATIONS:

PNEUMATIC TUBE SYSTEM

SR.NO	equipment's	QTY
1	Tube 160mm	1000 Meter
2	Front Loading Station	26
3	Bottom Loading Station for Laboratory	02
4	Conveyer Belt	02
5	Three Way Divertor	12
6	Leak Resistant Carrier with Two Chips	56
7	Test Tube Inserts	56
8	Carrier Insert Bags with Safety Buffer	28
9	Shuttle Bungs	28
10	Disinfection Carrier	01
11	Central Control Unit	01
12	Software	01
13	Cable	1100 Meter
14	Sleeves	550

Pneumatic Tube System Equipment's

GENERAL REQUIREMENTS (MANDATORY)

- Pneumatic Tube System should enable fast and efficient transport of items within building or between the neighboring buildings.
- Two Way Directional Operation: The system should be designed for two-way directional operation using the single tube.
- Safe Transportation: System should have RFID technology which prevents sending any item other than the carrier ensuring the safer operation
- Time Saving: Transportation across long distances within just a few moments. The standard transportation speed should be 8 m/sec or better.
- Infection free transportation of the material certificates required validated by third party/customer.

TUBE (160mm) QTY 1000 METER

OD Ø = 160 mm

Material: Polyvinylchloride

Physical Tensile Strength = 55 N/mm² or better

Modulus of Elasticity = 3,000 N/mm² or better

Thermal Conductivity= 0.16 W/mK or better

Stability in dimension= 60⁰ C up to -25⁰ C or better

Electrical surface resistivity = 10^{12} or better

Combustibility= Self- extinguishing

It should endure significant impacts without any fracture

Bend Radius: 800 mm approx.

Bend Length: 1,500 mm approx.

With Complete accessories

FRONT LOADING STATION QTY 26

Micro-processor-controlled Front-loading station

Fully automatic sending and receiving unit.

Complete housing of station must be made of steel.

Plastic parts inside the station should be made of UL- listed material

Status written on display (like SEND, RECEIVE, BUSY, TEST etc.), individually programmable destination number of 8 digits and address of 16 characters, a search key and a list of addresses must be there for convenient handling.

Display should consist of four lines with 16 characters each or more

The station must be controlled by EMC tested, low smoke internal microprocessor boards.

RFID reader must be included to recognize ID card assigned to users for safer operation.

Complete with carrier rack with storage capacity of 4 carriers, Basket, Cushion and arrival signal

With complete accessories

Self-adjusting maintenance-free gaskets

Contactless sensing of the unit positions

Super-dimensioned DC geared-motor

RFID Cards Qty 03 with each loading Stations Should be quoted.

BOTTOM LOADING STATION FOR LABORATORY QTY 02

Micro-processor-controlled Bottom-loading station

Fully automatic sending and receiving unit.

Exquisite design and complete (Not Partial) housing of station is made of steel.

Plastic parts inside the station must be made of UL- listed material

Status written on display (like SEND, RECEIVE, BUSY, TEST etc.), individually programmable destination number of 8 digits and address of 16 characters, a search key and a list of addresses must be there for convenient handling.

Display should consist of four lines with 16 characters each or more

The station must be controlled by EMC tested, low smoke internal microprocessor boards.

No air should exist in lab/Blood Bank while receiving a carrier avoiding contamination of environment

Two carriers can be loaded at the same time with possibility of assigning different destination which saves time.

RFID reader must be included to recognize ID card assigned to users for safer operation.
Complete with motor driven slide valve (above station), carrier rack with storage capacity of 4 carriers and arrival signal
With complete accessories
Self-adjusting maintenance-free gaskets
Contactless sensing of the unit positions
Super-dimensioned DC geared-motor
RFID Cards Qty 03 with each loading Stations Should be quoted.

CONVEYER BELT QTY 02

Type: C4N or equivalent
Length = up to 6000 mm or better
Width = 300 mm or better
Height of side guides = 30 mm or better
Speed = 3 m/s or better
Motor orientation = 0°
Stand height = 1000 mm or better

THREE- WAY DIVERTER QTY 12

Microprocessor controlled One(in)-three(out) type diverter
Sturdy mechanism with soft drive by V-belt or equivalent
Complete housing of diverter should be made of steel
Self-adjusting maintenance-free gaskets
Contactless sensing of the unit positions
Air tight, silent connection of tubes
Super-dimensioned DC geared-motor

LEAK RESISTANT CARRIER WITH 2-CHIPS QTY 02

Carrier with the swivel lid
It should be used for the transportation of transfusion bags, blood samples, blood bags, medicines and files etc.
Disinfection temperature = max. 120° C for 30 sec or better
Loading diameter= 115 mm or better
Loading Length= 330 mm or better
Six different color code rings should be available for color coding of different departments/floors
Two RFID chip must be installed in the carrier ensuring the safer operation
RFID chips of carrier should be reprogrammable on site for home station with different address.

TEST TUBE INSERTS QTY 56

It should have capacity of 24 test tubes of variable sizes
Material: PA/PP

CARRIER INSERT BAGS WITH SAFETY BUFR QTY 28

For the careful transportation of test tubes, medicines and injections etc.

SHUTTLE BUNGS QTY 28

For urine sample or blood bags

Material: PP

DISINFECTION CARRIER QTY 01

The disinfection carrier for the cleaning of the entire tube network.

The use of the germicidal UV lamps with bactericidal radiation specifically combats the dangerous microorganisms.

The used peak wavelength of 265 ~ 278 nm or better

Ensures a 100% more effective disinfection rate in a very short time.

CENTRAL CONTROL UNIT QTY 01

It should control and monitor the operation of all components in all lines of the system.

It must identify the normal and abnormal operation of each device using different colors.

I/O interfaces: 3 USB 2.0, 1 x USB 3.0, 1 x bus interface, 1 x VGA adapter, 2 x Ethernet, 1 x dongle, 1 x programming.

Random Access Memory (RAM) should be 8 GB or better

Operating System must be Linux which is more flexible than any other operating systems.

Complete with UPS as per OEM Recommendations, Monitor TFT 22" or better with Keyboard and mouse.

POWER SUPPLY UNIT QTY 05

It should supply the power to microprocessor cards and motors of diverter and station

Input: 100-120 VAC and 200-240 VAC (auto-range), 50-60 Hz

Output: 30 VDC

BLOWER UNIT QTY 03

Rated Output: 2.6 KW @ 75 Hz or better

Voltage= 3 phase, 380 to 415 V (Y)

Max. Noise = 60 dBA approx. or better

Frequency must be variable from 0 to 75 Hz or better

Air Quantity= 8 m³/min or better

Complete with Air diverter, Frequency controller, Air diode (for safety purpose and to regulate the air flow in the system), Air cleaner and Pressure switch

With complete accessories

SOFTWARE QTY 01

Software should be a user-friendly interface to plan, create, and edit a drawing of system Visualization of all activities e.g., current transaction (mimic), errors occurred etc. should possible on monitor.

Message in the form of email should be sent to Technician or other relevant person in case of fault, arrival of the carrier or any other predefined events in the system.

Time specific send/receive authorization, forwarding of carrier and User pins should be available to configure in this software package.

It should evaluate all past shipments (History) and provide characteristic numbers and chart of the system performance.

Software for RFID Card Reader should be available to read Cards for authorization of users on loading Stations.

CABLE QTY 1100 METER

To prevent data error, foil shielded data cable must get its insulation layer in the cable and a screen

3 supply cables stranded together with a screen element

Each 2 wire in data cable stranded together

Operating temperature = -30⁰ C to + 70⁰ C

Insulated Data cable and insulated supply cable must come under single outside insulation. Two separate cables are not allowed.

With complete accessories

SLEEVE QTY 550

Material: Polyvinylchloride PVC RAL7000 or better

It connects two tubes and prevents air leakage.

09. EVALUATION CRITERIA

The bids / proposals will be evaluated on the basis of advertisement, bid solicitation documents and the point system as specified below.

A proposal shall be rejected during the technical evaluation if the bid does not fulfill the minimum specified requirements OR if it fails to achieve the minimum score as indicated in the below mentioned table. Relevant certificates / documents must be attached.

Evaluation Criteria for Procurement of Instruments:

Total Marks (Technical Criteria + Financial Criteria): TM: 50 + 50 =100 Marks No chance will be provided for re-submission of secondary documentation. The bidders must carefully read the instructions; Non-compliance to the stated instruction may lead to their technical disqualification.

(Technical Evaluation Marks: 50)

S #	Parameters	Sub-parameters	Marks
1	Product Specification		25
	Product that 100% comply with the advertised specifications	Fully compliance with the required specifications as per statement of Requirement (Up to a maximum of four Minor deviations may be accommodated subject to the condition that main function and performance in any aspect would not affect. 1 mark will be deducted on each deviation. However, up to four marks will be deducted.	15
2	Legal Requirement		10
	Sales Tax Registration Certificate		Mandatory
	NTN Registration Certificate		Mandatory
	Registration with Khyber Pakhtunkhwa Revenue Authority		Mandatory
	Non-Shareholder certificate, that no employee of LADY READING HOSPITAL is shareholder in my business		Mandatory
	Manufacturer Authorization Certificate from Principal and must be attested from Embassy		Mandatory
	Firm Experience (2 Marks for Each work) (Work order/P. O/Contract Should be Provided		10
3	Product Certifications		Mandatory
	USFDA	US Food and Drug Administration (FDA) 510 K	
	CE (MDD)	European Community (CE) MDD/Declaration	
	JIS/MHLW		
	One certificates of the above are mandatory for all items.		
4	Product Local Performance		7
	Satisfactory performance certificate from the medical institutions within Pakistan by the same firms/ vendors/ company and can be verify from the Supply Order/ Purchase Order. (Supply Order/Purchase Order will not be considered as per performance certificates) Each Certificate carry 1 mark. (Max up to 3 Performance Certificates)		4
	Satisfactory performance certificate for at least previous provided model of each quoted equipment from the medical institutions within Pakistan by the same firms/vendors (Supply Order/Purchase Order will not be considered as per performance certificates) Each Certificate carry 1 mark. (Max up to 4 Performance Certificates)		3
	At least three project completion certificates of the same Product by the same Firm/ vendor		Mandatory
5	Product's Global Performance Certificates		2
	Valid ISO 9001 Quality Management Certificate		1
	Valid ISO 13485 Quality Management Certificates		1
6	Qualified Technical Staff		5
	Diploma Engineer		2
	Graduate Engineers Bio-Medical/Electronics		3
	Manufacturer Trained Two Engineers (Passport and Ticket to be provided as proof)		Mandatory
7	Financial Capabilities		3

	Turnover in Millions	Turn over verified from IT-1 or IT-2 form of FBR 10 - 30 million.	1
	Audit Report / Bank Statement Should be attached	Turnover will be verified from IT-1 or IT-2 form of FBR 31 - 50 million	2
8	National Office / Peshawar Office		6
	Availability of office in Peshawar		3
	Availability of office at National Level		3
	To be verified with Ownership / Rent Agreement with Owner / Rent Agreement with Company Name. /Physical verification		
9	Additional Warranty		2
	Warranty: 05 Years (Three Years with Parts and two years without parts) is Mandatory, Warranty must be from Original Manufacturer Head office.		Mandatory
	The Firm offering greater warranty with parts will get the 1 mark per year		2
	Total Marks		50

Total Marks in Technical Criteria: **50**

Qualifying Percentage in Technical Criteria: **70%**

Qualifying Marks: **35**

Financial Criteria (50 Marks):

S #	Parameters	Sub-Parameters	Total Marks:
	Price		50
		Lowest Price will get full marks. The formula to calculate the marks for the price submitted is: [Lowest Price (Fm)/Price of Bid under consideration (F)] x100 x 0.50	50

- Bids having items not fulfilling/in compliance with the required specifications shall be treated as non-responsive bids.
- If the supply and installation is not done within the period mentioned in the supply order, cash penalty @ 0.065% per day will be deducted from the Total amount of Purchase order.

10. AWARD OF CONTRACT:

Contracts shall be confirmed through a written agreement signed by the successful bidder and the MTI /LRH Peshawar.

11. PAYMENT:

- No advance payment will be permissible.
- The payment will be made after successful supply, installation/inspection and test run of all requisite items.

LADY READING HOSPITAL
MEDICAL TEACHING INSTITUTION PESHAWAR
TENDER NOTICE 2021-22

Sealed Bids are invited from Manufacturer/Exclusive Authorized Distributors for the supply of following items for LRH Peshawar. Tender should reach to the office of the undersigned on or before _____ at 11.00 AM which will be opened on the same day at **11:30 AM** in presence of bidders or their representatives. The Bid security shall be submitted from the account of the firm/bidder/contractor who submits the bid in favor of Hospital Director, Lady Reading Hospital Medical Teaching Institution Peshawar.

S. No	Name of Item	Required Bid Security (In shape of CDR)	Procurement Method
1.	Pneumatic Tube System	2% of Total Bid Value	Single Stage Two Envelops

TERMS AND CONDITIONS: -

1. Only typed tender on original prescribing letter pad, sealed & signed should be submitted, the quoted Price must be printed and hand written quoted price is not be acceptable. The tenders must be according to hospital specification; **double rates** for one item will not be accepted.
2. No conditional tender will be acceptable.
3. Pre-bid Meeting will be held on _____ at 11:00 Am in the MMD Committee Room of the LRH.
4. A detailed list of specification of required items can be obtained from the Material Management Department of LRH during working hours (**Saturday is not working day**). The specification is also available on our web-site www.lrh.edu.pk
5. The bid security in the shape of Pay order (PO) will not be accepted.
6. The competent Authority has the right to reject all bids under Rule 47 of the Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) Procurement Rules 2014, after assigning valid reasons.
7. KNTN is mandatory.
8. All the Bidders are informed that no additional document will be entertained after tender opening.

Associate Hospital Director
Lady Reading Hospital, Peshawar
Medical Teaching Institute

Hospital Director
Lady Reading Hospital, Peshawar
Medical Teaching Institute

Address of Bid Submission/Opening:

Lady Reading Hospital/MTI Peshawar, Khyber Pakhtunkhwa,
Telephone(s) : 0092-91-9211927 Ext:1702