TENDER DOCUMENT FOR

Science Lab Equipment(s) for Department of Biology

Advertisement No: UOH/ADV/60-2021-B

The
University of Haripur
Restoring Hope; Building Community

TENDER DOCUMENT FOR PURCHASE, SUPPLY & INSTALLATION OF SCIENCE LAB EQUIPMENTS FOR DEPARTMENT OF BIOLOGY.

Bids **[Technical]** shall be opened on **August 3, 2021** at **11:30 A.M** whereas financial bid will be opened on **August 10, 2021** at **11:30 am** /Completion of Evaluation in the Office of Convener, Procurement Committee for Goods Committee, The University of Haripur, Off-Hattar Road, Haripur

Name of Firm/Contractor/Company (Block Letter) _____

_____

Address (Block Letter): _____

_____

_____

Telephone No:

Fax No:

E-mail:

Signature &Seal

Stationary Charges of Rs. 2,000/-(Non-Refundable) vide Demand Drat/Pay Order No:_____date_____

Earnest Money of (Refundable) vide CDR Order No:_____ Date_____

Date of Bid Submission:

Tender Notice (UOH/ADV/60-2021-B)

Subject: **Tender Notice Supply & Installation of Science Lab Equipments**

Sealed Bids/Quotations are invited from reputed firms/companies (Local/Non Local), registered with FBR, having active tax payer status as well as with Khyber Pakhtunkhwa Revenue Authority for the "***Purchase and Installation of Science Lab Equipments,*** for **Department of Biology**, The University of Haripur.

TERMS & CONDITIONS:

- The detailed specifications along with terms & conditions have been set forth in Tender Document for each reference No, which is available in the **Procurement Office** The University of Haripur, on Payment of Rs.2,000/-Non-Refundable (Stationery Charges) in the form of Bank Draft/Pay order in favor of **Treasurer,** The University of Haripur.
- In case of Tender documents downloads from The University of Haripur website (www.uoh.edu.pk) for each reference No. should be submitted along with pay order/demand draft of Rs.2,000/- (Stationery Charges) Non-Refundable. No bid will be accepted without Stationery Charges.
- The Bidding firm/contractor shall attach bid Security @2% **(Refundable)** of total bid price for each reference No. separately with each Financial Bid of each reference shall be submitted from the account of firm/bidder/contractors who submit the bid in the form of Call Deposit Receipt in favor of **Treasurer, The University of Haripur**.
- The Tender (Technical & Financial) for each reference should reach this office by **August 3, 2021** before **11:00 am**. Technical Bids will be opened on same date at 11:30am whereas Financial Bids will be opened on **August 10, 2021** at **11:30 am/**completion of Technical Evaluation, in the office of Convener Procurement Committee of Goods.
- **Pre-Bid meeting** will be held on **July 29, 2021** at **11:30am** in the office of Convener Procurement Committee of Goods, The University of Haripur.
- Quotation/Bid must be submitted through Courier/Postal Service. No Quotation/Bid will be received by hand and receipt after due date & time.
- The University reserves the right to accept or reject any or all bids as per KPPRA's & PPRA's rules.
- Errors and omissions, if any, shall be subject to rectification by the University. Incase of any query, bidder may contact (Dr. Muhammad Israr, WhatsApp No: 0306-5818359, Email: m.israr@uoh.edu.pk) during office hours. (8:00am to 4:00pm, Monday to Friday)

In-Charge Procurement

The University of Haripur**,** Hattar road Haripur**, Ph. No. 0995-615694**

TENDER FOR SCIENCE LAB EQUIPMENT(s)

Tender No	No.UOH/Adv/60-2021-B
Bidding Procedure	Single Stage Two Envelope procedure as per KPPPRA's & PPRA's rules
Stationery Charges	Rs.2,000/- in form of DD/Pay Order in favour of Treasurer The University of Haripur. In case of Tender Document is downloaded from University of Haripur website **(www.uoh.edu.pk)** it should be submitted along with Pay Order/Demand Draft of Rs. 2,000/-. (To be attached with Technical Proposal) No bid will be accepted without stationery charges.
Earnest Money	@2% amount of total bid price shall be submitted from the account of firm/bidder/contractors who submit the bid. (Will be attached with Financial bid) in the form of Call Deposit Receipt in favor of **Treasurer, The University of Haripur**.
Submission	(Technical & Financial Bids) Upto **August 3, 2021** at **11:00 am** in Procurement Office Through Currier
Opening	(Technical Bids) Upto **August 3, 2021** at **11:30 am** in the Office of Convener Procurement Committee
	(Financial Bids) Upto **August 10, 2021** at 11:30 am/ Completion of Evaluation in the Office of Convener Procurement Committee
Pre-Bid Meeting	**July 29, 2021** at **11:30 am** in the office of Convener, Procurement Committee for Goods.
Contact Person	Dr. Muhammad Israr (Assistant Professor, Department of Biology) WhatsApp No: 0306-5818359, Email: m.israr@uoh.edu.pk).

Note: Tender notice is also available on The University of Haripur website (www.uoh.edu.pk) as well as on KPPRA's website (www.kppra.gov.pk).

BASIC ELIGIBILITY CRITERIA

Bidders/Firms/Company must fulfill the following basic eligibility criteria without which their bids shall not processed.

Table No.1 Basic Eligibility Criteria

S.No	Description	Remarks
1	Certificate of Company / Firm Registration/ Incorporation under the laws of Pakistan	Mandatory
2	Organizational profile, list of clients and references;	Mandatory
3	Valid Income Tax Registration (NTN).	Mandatory
4	Valid General Sales Tax Registration (Status = Active with FBR as on the date of submission)	Mandatory
5.	Valid Registration of Khyber Pakhtunkhwa Regulatory Authority	Mandatory
6.	Relevant experience and past performance;	Mandatory
7.	Financial position for the last one years including bank statements	Mandatory
8.	Submission of undertaking on legal valid and duly attested stamp paper (original) mentioning a. The firm/company/contractor is not blacklisted by any of Provincial or Federal Government Department, Agency, Organization or autonomous body or Private Sector Organization anywhere in Pakistan. b. The firm/company/contractor has not provided the equipment less than the quoted price in any other Govt/Public Sector Organization c. In full compliance of the execution schedule and delivery period mentioned in tender documents. d. Certified that, Bid security is @2% is attached with Financial Bid. e. Certified that, the information/documents provided by me/firm/company/contractor are correct and nothing has been concealed. Signing Authority of the documents shall be responsible if any information provided is found fake/incorrect at later stage.	Mandatory
9.	Written statement of acceptance of Time Line for delivery period (maximum 05 weeks after issuance of Purchase/Supply Order) Minimum will be preferred.	Mandatory
10.	Cost of each item shall be quoted in Pak Rupee inclusive of all applicable taxes/duties/delivery charges etc.	Mandatory
11	The Bid Security @2% **(Refundable)** of total bid price shall be submitted from the account of firm/bidder/contractors who submit the bid. (Will be attached with Financial bid) in the form of Call Deposit Receipt in favor of Treasurer**, The University of Haripur**.	Mandatory
12	Authorized person (Officer/Official) of the Firm/Company/Contactor shall initial all the pages of the Tender Documents along with official seal/stamp.	Mandatory

Note: Documents regarding "Basic Eligibility Criteria" should be enclosed with the Bids. Bids of only eligible firms shall be considered for further consideration. Incomplete documents shall not be entertained.

Table No.2 Bid Technical Evaluation Criteria

EVALUATION CRITERIA (Total Marks = 60)					
SECTION-A (Total Marks = 33)					
Parameter	**Sub-Parameter**	**Supporting Documents**	**Marks**		**Remarks**
			Total	**Obtained**	
Compliance to Specifications	90-100% compliance with End User's specifications	Certificate from the Original Manufacturer mentioning about the Specifications & Valid Auhtorization Certificate	21-30		
	80-89% compliance with End User's specifications subject to Main Function is NOT Affected		11 to 20		
	Below 80% compliance		1 to 10		
Special Feature (s)	Special Feature (s) NOT mentioned by the End User's, provided by the firm which enhances the feature and function (s) of the product (s)	Documentary evidence of the special feature (s)	0 to 3		
		Sub Total (A)	**33**		
SECTION-B (Total Mars = 15)					
Product Quality/Service Quality International Quality/Local Quality	Global performance Certificates from ISO or any other international certification agency (Valid & relevent Registration Certificate)	Worldwide Satisfactory Performance Certificates OR Globally Recognized Certification Bodies (Other than Pakistan).	0-10		Performance Certificates mentioning **"Satisfactory"** will get **ZERO marks**
	Performance of the respective supplied equipment in Public Sector Institution and/or Autonomous Institution within Pakistan	Performance Certificate from the user mentioning **"Excellent/very good Performance"** of the respective equipment. The Certificate should NOT be older than 05 years.	0-5		
		Sub Total (B)	**15**		
SECTION-C					
FIRM/COMPANY EVALUATION (Total Marks = 12)					
Operating capabilities	Testing, Commissioning & Calibration of equipment		0-5		
	Warranty Period/After sale services		0-5		
	Post warranty maintenances services including provision of spare parts		0-2		Warranty period of 1 years is Mandatory
		Sub Total (C)	**12**		
		Sub Total (A+B+C)	**60**		

Overall Bid Scoring Method

1. Technical Bids: 60 Points
    - Weightage Technical: 60 Points
2. Financial Bids: 40 Points
    - Weightage Financial Bid: 40 Points

Total Points (100) = Technical (60) + Financial (40)

Securing highest points (Technical + Financial) will be considered as lowest bid.

SECTION-1 GENERAL INSTRUCTIONS TO BIDDERS (GITB)

Bidders should read these conditions carefully and comply strictly while sending their tenders. If the bidder finds any discrepancy, error, or omission in the tender documents he may intimate it to the **Convener, Procurement Committee** in writing two days before the closing date for Tender.

The **Procurement Committee** reserves the right to accept or reject any or all quotations/tenders/bids without giving any reason. The decision of the **Procurement Committee** will be final and shall not be challenged in in any court of law.

1. Introduction

1.1. **Name and Address:** Procurement Office, The University of Haripur, Off Hattar Road, District Haripur-Khyber Pakhtunkhwa

1.2. **Eligible Bidders:** General sales tax registered. National tax number registered. Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by the Government of Pakistan.

1.3. **Cost of Bidding:** The Bidder shall bear all costs associated with the preparation and submission of its bid, and the procuring agency will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

2. Content of Bidding Document:

2.1. The Goods required, bidding procedures, and contract terms are prescribed in the bidding documents. In addition to the invitation for Bids, the bidding documents include:

a. General Instructions to Bidders (GITB)

b. Bid Data Sheet (BDS)

c. Schedule of Requirements

d. Technical Specifications

e. Bid Forms and Price Schedules

2.2. The Bidder is expected to examine all instructions, forms, terms and specifications in the bidding documents. 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 will be at the Bidder's risk and may result in the rejection of its bid.

3. Clarification of Bidding Documents: A prospective Bidder requiring any clarification of the bidding documents may notify in writing. The University will response in writing to any request for clarification of the bidding documents which it receives no later than five (05) days prior to the deadline for the submission of bids prescribed in the Bid Data Sheet. Written copies of the response (including an explanation of the query but without identifying the source of inquiry) will be sent to all prospective bidders that have received the bidding documents directly from the University.

4. Preparation of Bids and Bidding Procedure

4.1. Language of Bid: The bid prepared by the Bidder, as well as all correspondences and documents relating to the bid exchange by the Bidder and the University shall be written in English language.

4.2. Documents Comprising the Bid: The bid prepared by the Bidder shall comprise the following components:

a. Mandatory documents given in the eligibility criteria without which bid shall not be processed

b. Technical Bid Form with stationary charges in the form demand draft or pay order **sealed in separate envelop marked as technical proposal**

c. Financial Bid Form including specifications of all items and a Price Schedule as well as bid security in the form of CDR **sealed in separate envelop and marked as financial proposal**.

d. **Bidding Procedure:** Single Stage Two Envelop Bidding Procedure shall be followed.

5. General Instructions to Bidders (GITB)

5.1. All bids should reach the undersigned within due date and time as specified in the advertisement through registered post.

5.2. The submission of bids by hand is not acceptable. Bidders are bound to submit complete form issued by The University of Haripur with stamp and signature on each page.

5.3. Tenders must be enclosed in a properly sealed envelope. Both technical and financial proposals shall sealed in separate envelops and properly marked. Any cutting/ correction in bid will make the bid/quotation/offer invalid.

5.4. Tenders forms shall be filled in ink or typed. No tender filled through pencil shall be considered.

5.5. Rates shall be written both in words and figures. There should not be errors and / or over-writings. Corrections if any should be made clearly and initiated with dates.

5.6. In case quoting alternate prices, separate tender shall be purchased. If the tenderer quoted alternate rates on same bid documents, only lowest offer will be consider for evaluation.

5.7. The bidder shall mention validity of offer, terms of payment, guarantee/warranty period and schedule of delivery.

5.8. The evaluation will be based on the comparison of specification/model/ makes and expiry. University of Haripur reserves the right to choose the specification/ models/ makes at its own discretion.

5.9. Bidder, interested in bidding for one or more items separately, is allowed to do so. However, University of Haripur reserves the right to award tender for accepting the bid for each item or bid of the whole items and can also change the quantity or specification of the purchases

5.10. Supply order/ contract will be issued subject to the availability of funds as well as subject to Transfer from Funding agency.

5.11. The contractor shall notify forth in written form to The University of Haripur with any change in the constitution of the firm, etc. and such change shall not relieve any former member of the firm, etc., from any liability under the contract.

5.12. The University of Haripur reserves the right to accept any tender not necessarily the lowest, reject any tender without assigning any reasons and accept tender for all or anyone or more of the articles for which bidder has been given or distribute items of stores to more than one firm/ supplier.

5.13. The contractor, in respect of the contract, shall accept no new partner/ partners in the firm unless he / they agree to abide by all its terms, conditions and deposits with the University of Haripur a written agreement to this affect. The contractor's receipt for acknowledgement or that of any partners subsequently accepted as above shall bind all of them.

5.14. The contractor shall not assign or sub-let his contract or any substantial part thereof to any other agency.

5.15. The tender shall remove the rejected articles within 15 days of intimation of rejection, after which University of Haripur shall not be responsible for any loss, shortage or damage and shall have the right to dispose of such articles as it thinks fit, at the tenderers risk and on his account.

6. BID Price and Validity

6.1. The Bidder shall indicate price of his offer, list of items with specifications, standard accessories, make and origin, the unit price and total bid prices of the goods in Pak Rupees (PKR).

6.2. Prices of the optional accessories should be quoted separately. Rates quoted should be F.O.R and C & F, (Pak Rupees) University of Haripur, Haripur.

6.3. All kind of taxes levied by the government shall be paid by the bidder and must be included in the quoted prices. University of Haripur is exempted from the whole of customs duties under to the Ministry of finance, economic affairs statistics and revenue rules.

6.4. In case of items supplied from local stock, sales Tax and Income Tax will be deducted at source from the supplier's bill as per government rules. GST will be refunded subject to the provision of Sale Tax invoice.

6.5. The Bid will remain valid and open for acceptance for a period of 120 days from the specified date of opening or closing of financial year on the case may be.

7. Earnest Money or Bid Security

7.1. The bid must be accompanied with a call deposit receipt (CDR) of 2% of the total quoted prices with their offer in favor of "Treasurer-The University of Haripur" (refundable) shall be submitted from the account of firm/bidder/contractors who submit the bid.

7.2. The earnest money shall be denominated in Pakistani rupees and shall be in the form of call deposit receipt issued by Pakistani bank or branch of a foreign bank, operating in Pakistan,

7.3. Unsuccessful bidders' bid security will be returned as promptly as possible after completion of codal formalities.

7.4. The successful Bidder's bid security will be discharged upon the Bidder's successful supply of Goods duly acceptable to the University.

7.5. The earnest money may be forfeited in the following cases:

7.5.1. When bidder withdraws or modifies the offer, after opening of tender but before acceptance of tender

7.5.2. When bidder does not execute the agreement if any, prescribed within the specified time.

7.5.3. When the bidder submitted fake or forged documents, company authorization or misinterpretation of facts or other acts comes under the category of fraudulent practices defined in Clause-14 sub-clause14.2

8. Format and Signing of BIDS

8.1. 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 or the contract. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid.

9. Submission of Bids

9.1. Deadline for Submission of Bids

9.1.1. Bids must be received by the University at the address specified in the Bid Data Sheet no later than the time and date specified in the Bid Data Sheet

9.1.2. The University reserve the right at its discretion, extend this deadline for the

submission of bids by amending the bidding documents, in which case all rights and obligations of the University and bidders previously subject to the deadline will thereafter be subject to the deadline as extended

9.1.3. **Late Submission:** Any bid received by the University after the deadline for submission of bids prescribed by the University will be rejected and returned unopened to the Bidder.

10. Opening, Clarification and Evaluation of Bids

10.1. Opening of Bids

10.1.1. The University will open all bids in the presence of bidders' representatives who choose to attend, at the time, on the date and at the place specified in the Bid Data Sheet. The bidders' representatives who are present shall sign a register/attendance sheet evidencing their attendance

10.1.2. The bidders' names, bid modifications or withdrawals, bid prices, discounts, and the presence or absence of requisite bid security and such other details as the University, at its discretion, may consider appropriate, will be announced at the opening. No bid shall be rejected at bid opening, except for late bids, which shall be returned unopened to the Bidder.

10.1.3. Bids that are not opened and read out at bid opening shall not be considered further for evaluation, irrespective of the circumstances. Withdrawn bids will be returned unopened to the bidder.

10.2. **Clarification of Bids:** During evaluation of the bids, the University 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

10.3. Preliminary Examination:

10.3.1. The University will 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.

10.3.2. Arithmetical errors will be rectified on the following basis.

10.3.2.1. 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.

10.3.2.2. If the Supplier does not accept the correction of the errors, its bid will be rejected, and its bid security may be forfeited.

10.3.2.3. If there is a discrepancy between words and figures, the amount in words will prevail.

10.3.3. The University 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.

10.3.4. Prior to the detailed evaluation, the University will 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 reservation to critical provisions, such as those concerning Bid Security and Taxes and Duties will be deemed to be a material deviation. The University's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

10.3.5. If a bid is not substantially responsive, it will be rejected by the University and

may not subsequently be made responsive by the Bidder by correction of the nonconformity.

10.4. **Evaluation and Comparison of Bids**

10.4.1. The University will evaluate and compare the bids which have been determined to be substantially responsive.

10.4.2. The University evaluation of a bid, further elaborated under Bid Data Sheet, will be on delivered duty paid (DDP) price inclusive of prevailing duties, taxes and transportation charges, and it will exclude any allowance for price adjustment during the period of execution of the contract, if provided in the bid.

10.4.3. 60% weightage will be given to technical evaluation while 40% weightage to financial evaluation.

10.5. **Contacting**

10.5.1. No Bidder shall contact 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 University, it should do so in writing.

10.5.2. Any effort by a Bidder to influence the University in its decisions on bid evaluation, bid comparison, or contract award may result in the rejection of the Bidder's bid

10.5.3. Counseling or canvassing staff or elected representatives by any Bidder will become liable to disqualification.

11. Conforming Tender

11.1. A conforming tender is defined as follows:

11.1.1. It is submitted on time.

11.1.2. It is lodged at the nominated place.

11.1.3. All required forms are completed.

11.1.4. Documents are properly signed.

11.1.5. It complies with the tender conditions.

11.1.6. There are no commercial and contractual qualifications to the tender.

11.1.7. A non-conforming tender is one, which does not satisfy the above requirements and it may be rejected.

12. Award of Contract

12.1. **Qualification**

12.1.1. In the absence of prequalification, the University will determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated responsive bid is qualified to perform the contract satisfactorily.

12.1.2. The determination will take into account the Bidder's compliance with the qualification criteria defined in the bidding document.

12.1.3. The University will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily

12.2. **The University Right to Increase or Decrease Quantities at the time of Award**

12.2.1. The University reserves the right at the time of contract award to increase or decrease, by the percentage indicated in the Bid Data Sheet, the quantity of

goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.

12.3. **University Right to Accept any Bid and to Reject any or All Bids**

12.3.1. The University reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the affected Bidder or bidders. The University will inform the affected Bidder or bidders of the grounds for the PA's action, if so requested by, the University shall not be required to justify the grounds.

12.4. **Notification of Award**

12.4.1. Prior to the expiration of the period of bid validity and subject to GITB the University will notify the successful Bidder in writing by registered letter or by cable, to be confirmed in writing by registered letter, that its bid has been accepted.

12.4.2. The notification of award under GITB will constitute the formation of the Contract.

12.5. **Signing of Contract**

12.5.1. At the same time as the University notifies the successful Bidder that its bid has been accepted,

12.6. **Performance Security**

12.6.1. Within one week of issuance of the purchase order successful bidders shall furnish to University of Haripur, the performance security bond as per equivalent to 10% of the bid price, the performance security shall be payable to University of Haripur as compensation for any loss resulting from the suppliers failure to complete its obligation.

12.6.2. The performance security will be discharged by the University and returned to the supplier after completion of the supplier's performance obligations under the contract.

13. Mode of Payment

13.1. Payment shall be made in the form of cross cheque following inspection of IT equipment's supplied in accordance with the stated specifications.

13.2. No advance payment will be made. Payments will be made subject to the clearance of account and audit cells.

14. Disqualification of Tender

14.1. The bidder shall observe all relevant statutory and legal requirements when complete the tender. Any Tender engaged in corrupt or fraudulent practices shall be disqualified from tendering.

14.2. **Corrupt or Fraudulent Practices**

14.2.1. The University observes the highest standard of ethics during the procurement and execution of such contracts. In pursuance of its policy, the PA: (a) defines, for the purposes of this provision, the terms set forth below as follows:

14.2.2. "corrupt and fraudulent practices" includes the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official or the supplier or contractor in the procurement process or in contract execution to the detriment of the procuring agencies; or misrepresentation of facts in order to influence a procurement process or the execution of a contract, collusive practices among bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the

procuring agencies of the benefits of free and open competition and any request for, or solicitation of anything of value by any public official in the course of the exercise of his duty

14.2.3. The University will;

14.2.3.1. 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;

14.2.3.2. Declare a firm ineligible, either indefinitely or for a stated period of time, if it at any time determines that the firm has engaged in corrupt and fraudulent practices in competing for, or in executing, a KPPRA & PPRA financed contract.

14.2.3.3. Declare a firm ineligible if the firm is blacklisted by any government and non-government organization. And a certificate to this effect by bidder must be attached with the bid.

15. Delay in Assignment

In case of extension in the delivery period, the recovery shall be made on the basis of following percentages of value of goods stores / work completion which the bidder has failed to supply / complete the work.

13.1. Conditions with Percentage

a. Delay up to one fourth period of the prescribed delivery period. **2.5 %**

b. Delay exceeding one fourth but not exceeding half of the prescribed period. **5.0 %**

c. Delay exceeding half but not exceeding three fourth of the prescribed period. **7.5 %**

d. Delay exceeding three fourth of the prescribed period. **10.0 %**

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the general instructions to Bidders (GITB): Section I. Whenever there is a conflict, the provisions herein shall prevail over those in GITB.

A-The Bidding Document		
GITB-4.1	Language of the Bid	English
B-Preparation of Bid		
Basic Eligibility Criteria	The price quoted shall be:	In Pak Rupees (PKR) inclusive of all applicable taxes & transportation charges
	The price shall be:	Fixed and must include the Income and General Sales Taxes (GST) and other taxes and duties, where applicable as per law. If there is no mention of taxes, the offered / quoted price(s) will be considered as inclusive of all prevailing taxes / duties.
	Qualification requirement	1. The bidder must comply with the specifications of items provided in the tender document. 2. The bidder must have minimum three years' experience in manufacturing or supplying of similar items as requisitioned in the bid. 3. Documentary evidence to this effect must be provided with the bid, which includes copy of contract / purchase order, etc. 4. The bidder must submit National Tax No., Sales Tax. No. Certificates, as well as Certificate of Incorporation / registration of the firm. 5. The bidder must submit with the bid documents the delivery plan, particularly the completion time for subject procurement. 6. Bid must be submitted in accordance with Evaluation Criteria as mentioned in Schedule of Requirements. 7. Bid will be evaluated in accordance with Evaluation Criteria as mentioned in Schedule of Requirements. 8. The bidder shall submit proper documentary evidence for financial soundness of the firm. 9. The bidder shall not be under a declaration of ineligibility for corrupt and fraudulent practices and should not be black listed by any Government/Non-government Organization. An affidavit duly attested by notary public shall be attached with the bidding document in this regard
GITB-7.1	Amount and Form of Bid Security	1. 2% of the total quoted bid price in the form of CDR 2. The tenders found deficient of the amount as bid security compared to total bid price will not be considered. 3. The Bid security should be in the form of CDR in Favor Treasurer-The University of Haripur 4. No personal cheques will be acceptable at any cost. 5. The previous bid security if any will not be considered or carried forward.
GITB-12.6	Performance Security	10% of the total quoted bid price

GITB-6.5	Bid validity period.	Bid should remain valid for 120 days from the closing date.
C-Submission		
GITB-1.1	Address for Bid Submission	Procurement Office The University of Haripur, Off Hattar Road, District Haripur-Khyber Pakhtunkhwa, Phone No: 0995-615694
GITB-9.2	Deadline for Bid Submission	August 3, 2021
D-Opening of Bid		
Tender Invitation	Bid Opening	Technical Bids will be opened on same date at 1130 hours, whereas Financial Bids will be opened on August 10,201 **at 1130 hours /**after completion of Technical Evaluation.

3.1. Schedule of Requirements

3.2. Technical Specifications

3.3. Standards Forms

3.1. Schedule of Requirements

A-Technical Evaluation

1. Evaluation Purpose

1.1. All bids will be evaluated for technical soundness

2. Eligible Criteria

2.1. Eligibility evaluations are given on the Table 1 & 2.

2.2. All bids will be evaluated as per the given Evaluation Sheets.

2.3. All the information shall be strictly submitted in accordance with the above formats / forms. Technical Evaluation of Company/Firms will be done on the basis of information/data given on these forms/formats. Company brochures, etc. could be forwarded as supplementary but will not be entertained in lieu of the prescribed formats and no data will be extracted from such pre-printed documents

2.4. All certificates should be filled in properly.

3.2. Technical Specification

Technical Specification are given in technical proposal form

3.3. Standard Forms

3.3.1. Bid Form/ Cover Letter

3.3.2. Technical Proposal Form

3.3.3. Financial Proposal Form (Price Schedule)

3.3.4. Form of Tender Security

3.3.5. Undertaking

3.3.1. Bid Form/ Cover Letter

Date: _____

No: _____

To
In-Charge Procurement
The University of Haripur

Subject: **Submission of Tender Documents in Response to Your Advertisement.**

Dear Sir,

1. Having examined the bidding documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver the goods in conformity with the said bidding documents.
2. We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.
3. If our Bid is accepted, we hereby agree that our Bid Security as being provided herewith this "Bid Form", will remain with the University according to Clause GITB-7.1 of Instructions to Bidders.
4. We also agree to abide by this Bid for a period of 120 days from the date fixed for Bid opening under Clause GITB-6.5 of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
5. Until formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

Dated this _____ day of _____ 20_____

_____ _____

[Signature] [In the capacity of]

Duly authorized to sign Bid for and on behalf of _____

3.3.2. Technical Proposal (TP) Forms

Following forms shall be attached with Technical Proposal

TP Form-3.3.2.1. Mandatory Requirements		
Name of Firm		
Authorized Person Name and Signature		
Sr. No	**Particular Description**	**Attached as Annexure**
1.	Certificate of Company / Firm Registration/ Incorporation under the laws of Pakistan	**1.1.**
2.	Organizational profile, list of clients and references;	**1.2**
3.	Valid Income Tax Registration (NTN).	**1.3**
4.	Valid General Sales Tax Registration (Status = Active with FBR as on the date of submission)	**1.4**
5.	Valid Registration of Khyber Pakhtunkhwa Regulatory Authority	**1.5**
6.	Relevant experience and past performance	**1.6**
7.	Financial position for the last one years including bank statements	**1.7**
8.	Submission of undertaking on legal valid and duly attested stamp paper (original) mentioning f. The firm/company/contractor is not blacklisted by any of Provincial or Federal Government Department, Agency, Organization or autonomous body or Private Sector Organization anywhere in Pakistan. g. The firm/company/contractor has not provided the equipment less than the quoted price in any other Govt/Public Sector Organization h. In full compliance of the execution schedule and delivery period mentioned in tender documents. i. Certified that, Bid security is @2% is attached with Financial Bid. j. Certified that, the information/documents provided by me/firm/company/contractor are correct and nothing has been concealed. Signing Authority of the documents shall be responsible if any information provided is found fake/incorrect at later stage	**1.8**
9.	Written statement of acceptance of Time Line for delivery period (maximum 05 weeks after issuance of Purchase/Supply Order) Minimum will be preferred.	**1.9**
10.	The Bid Security @2% **(Refundable)** of total bid price shall be submitted from the account of firm/bidder/contractors who submit the bid. (Will be attached with Financial bid) in the form of Call Deposit Receipt in favor of Treasurer**, The University of Haripur**.	**1.10**

Technical Proposal Form-3.3.2.2.

S. No	Description	Unit	Qty
1	**Micro Centrifuge, Digital**: **Specification:** Maximum speed: 16000 rpm. Fitted with microprocessor based LCD panel for 0-59 minute's countdown timer, digital rpm meter and programmable speed controller. Stand by temperature from -20°C to room temperature is controlled by microprocessor based digital temperature controller cum indicator. Working temperature from -8°C. Prices are complete with rotor head. Capacity 12 micro tubes of 2ml / 1.5ml also supplied with adopters for 0.2/0.5ml micro tubes.	No.	1
2	**Vortex Mixer:** **Specifications:** Speed range: 250 - 2500 rpm Speed display Scale Mixing Motion & Orbital Diameter Orbital, 4mm Motor type: Shaded pole motor Motor rating input: 58W Motor rating output: 10W Run Type: Touch operation/Continuous Dimension [W×H×D]: 127×130×160mm Weight: 3.5kg Voltage: 110V, 60Hz Power: 60W Permissible ambient temp: 5-40°C Permissible relative humidity: 80% RH	No.	1
3	**pH Meter** **Specification:** **Measuring range:** pH range: 0.00- 14.00 mV range: -1999- 1999 Temp range: -5 ºC - 105 ºC **Resolution:** pH:0.01 mV: 1mV temp: 0.1ºC pH calibration : up to 3 points Isoelectric point: pH 7.00 Power supply:DC5V-1W Size/Weight: 200×210×70(mm)/0.5kg		1
4	**Ultrasonic bath with digital temperature** **Specification:** **Electric Supply:** 170 - 245 VAC 50Hz Single Phase **Ultrasonic Power:** As per Model watts average, 1000 Watts peak (with heater) **Ultrasonic Frequency:** 33 +/- 3 KHz **Timer:** LED display 0 - 20 / 90 minutes Timer with settable & On/Off Keys **Heater (Optional):** S.S. sheathed cartridge type immersion heater having power capacity around 1000 / 1500 Watts. **Temperature Control (Optional):** Blind Thermostat type & maximum allowable temperature is 65ºC. 2) Digital Temperature Controller LED Display settable & On/Off Key. 3) Power Sweep Energy Technology is Faster Safer & Cleaner. **Transducers:** PZT Sandwich type, bonded on the base of S.S. Tank, Crystal used	No.	1

	Of PZT4 , of matrock Morgon Make. High temperature & good quality wires for Connection & epoxy for bonding of transducers are used. **Tank MOC:** Stainless Steel 316 grade & buffed form inside. 1.6mm Thickness **Tank Capacity :** Capacity: 3.5 liters & Inner Size: 9" X 6" X 4"		
5	**Colony Counter Digital** **Specification :** Power rating of lamp: 16W Total power consumption: 20W Capacity of counter: 0-99 Diameter of the counting plate : 115mm	NO.	1
6	**Autoclave, vertical:** **Specification** Valid volume:18L Working pressure..0.22MPa Working temperature 134ºC Max working pressure 0.23 Mpa Heat average.≤±1ºC Timer 0~99min or0~99hour Fully stainless steel structure Indicator light indicates working state Over temperature & over pressure auto-protection Double scale indication pressure gauge Safe protection of water lacking Automatically shut off with beep reminding after sterilization Easy to operate, safe and reliable With two stainless steel sterilizing baskets	No	1
7	**Hot plate** **Specification :** Heating Plate Size: 250 x 300mm 250 x 400mm 300 x 455mm 455 x 605mm 605 x 605mm 605 x 900mm MOC Body: Mild Steel Sheet Powder Coated Heating Elements: Placed Underneath Insulated Temperature Controller: Microprocessor Based PID Digital Temperature Controller Cum Indicator Max. Temperature Range: Continues Heating Up to 350ºc Electric Supply: 220/230V AC, 50/60Hz	No.	1
8	**Digital Magnetic Stirrer (with Heating)** **Specification:** Hotplate/Stirrer :MS-H280-Pro Temp range: 25 - 280°C Speed range :200-1500rpm (10rpm increments) Temp increments:1°C Speed/Heat display: LED Motor type: DC Brushless Motor Heat Output: 500W Stirring capacity:3L Plate diameter :5.3" Plate material: Ceramic Dimensions: 10.2"L x 6"W x 3.2"H Weight :5lbs Voltage: 220Volts 60Hz, 515W	No.	2
9	Herbarium Sheet (Plants):used for plant collection 100 sheets per pack	Pack	10
10	**Safety goggles** **Specification :** Lens Thickness: 3mm Lens Size (Vertical): 60mm Lens Size (Horizontal): 140mm Overall Length (lens edge): 182mm (Approx.) Strap Length: 240mm (Approx.) Height: 75mm	No.	10

	Width: 88mm Weight: 63g (Approx.)		
11	**Watch Glass, Clear Flint Glass,** **Specification:** 200 mm (Pack of 12)	Packs	2
12	**Square cover glasses** **Specification:** Size : 22 mm × 22 mm Thickness : (0.13-0.16 mm)	Packets	1
13	**Dissection box** **Specification :** Dissection Kit for Medical Students for Practical's 20 pcs set	No.	2
14	**Forceps** **Specification:** Dissecting Forceps Size: 12 cm 10 per set	Set	1
	Forceps **Specification:** 20cm 10 per set	Set	1
15	**Wittman's Filter paper** **Specification:** packaging : 500 per pack parameter : 0.25 psi wet burst diam. : 15 mm thickness : 180 µm pore size : 11 µm (Particle retention) type: circles	Packs	2
16	**Blotting paper sheets** **Specification:** Grade: 222 Weight (g/m2): 290 Thickness (mm): 0.83 Flow Rate (ml/min): 180 Capillary Rise (mm/min): 52 % Cotton Fiber: 100 Compare to: GB003 100 sheets per pack	Packs	2
17	**Staining rods and racks:** **Specification:** Slides staining racks for 60 pieces 25.4mmx76.2mm(1""x3"") slides stubble for GT209-0560 staining jar Materials : Stainless steel"	No.	10
18	**Heating Blocks:** **Specification**: LCD display. Cool and compact designed appearance. Temperature Range: Ambient +5° to 150°C Temperature Stability: ±1° at 37°C (±3° at 60°C) Heat-up Time to 100°C: 45 minutes Dimensions (L x W x H): 12.4 x 8 x 3.5 in (31.5 x 20.3 x 8.9 cm) Electrical Requirements: 120V, 50/60Hz, 0.9A, 110W	No.	1
19	**Electric Grinder** **Specification:** Voltage/Frequency: 220-240V,50/60Hz Capacity: 1Kg Disc Diameter: 230mm, 9 Inch Max Motor Speed: 6600rpm	No.	1
20	**Galvanic stimulator** **Specification:** 2mm Lead Wires x 3 Electrode Pads x 2 Adapter, main unit, user manual, black plastic shell	No.	3

21	**Plant survey Quadrates** **Specification:** Made of durable hard wood slats, frame is 3 feet×3 feet	No.	5
22	**Soil and water analysis kit** **Specification:** "1st Lab-60 : Deluxe Water and Soil Analysis Kit 3 1/2 digit LCD display covering 7 parameters : pH, Conductivity, TDS, Salinity, Turbidity, D.O &Temp. with rechargeable battery complete with accessories, fitted in briefcase. 1st Lab-61 : Digital Water and Soil Analysis Kit 3 1/2 digit LCD display covering 6 parameters: pH, Conductivity TDS,ORP,D.O.& Temp. Battery cum mains operated, complete with accessories, fitted in briefcase. 1st Lab-62 : Water and Soil Analysis Kit 3 1/2 digit LCD display covering 5 Parameters: pH, Conductivity, TDS, ORP & Temperature. Battery cum mains operated, complete with accessories, fitted in briefcase."	No.	2
21	**Wooden plant press** **Specification:** Made of durable hard wood slats, frame is 3 feet×3feet	No.	5
22	**<u>Olfactometer</u>** **Specification:** Operating voltage: 100-240 V AC Weight: Ca. 16 kg Dimensions (Length x Height x Depth): 51.5 x 44.0 x 29.5 cm Flow rate: Up to 1000 mL/min	No.	3
23	**Balance open pan** **Specification**: Maximum capacity : 510 g Minimum Weight (USP, 0.1%, typical) : 140 mg Repeatability (Test Weight): 0.1 mg (500 g) Settling Time: 2 second Dimensions (DxHxW): 411 mm x 368 mm x 214 mm	No.	3
24	**Thermometer** **Specification:** Laboratory thermometers measure temperature with a high level of precision for applications such as experiment monitoring, instrument calibration, materials testing, and maintaining a sterile work environment. Options include differential and digital logging thermometers; portable units that measure pH, ORP, and temperature; and millikelvin thermometers for applications with a low measuring uncertainty of 0.01–0.001 °C	No.	10
25	**UV lamp** **Specification:** 1w to 160w up / 265 to 410nm	No.	2
26	**Glass Desiccators** **Specification:** 6L, Material: glass	No.	2
27	**Calorimeter** **Specification:** Model Digital Colori Meter Display Microprocessor with numeric Display Stand Glass Filters07Zero Adjustment Auto Display Digits 2 ½Sample Holder Rectangular 10mm (0.5mL)Range405-660nmOutput OD (0-1.99)Mini Volume0.5 ml Detector Photo Diode Light Source Long Life- Bread Spectrum LED Battery Backup Yes Power Supply	No.	1
28	Auto pipette 1 to 10ul	No.	1
29	Auto pipette 5 to 50ul	No.	1
30	Auto pipette 10 to 100ul	No.	1
31	Auto pipette 100 to 1000ul	No.	1
32	Pipette (10 ml)	No.	10

33	Pipette (25ml)	No.	10
34	Spirit Lamps 150 ml	No.	10
35	**Pipetting Device (pipette filler)** **Specification:** Operating Principle: Manual Equipment Type: Junior Capacity: 0.5 ml to 25 ml	No.	5
36	**Insects collecting kit** **Specification:** 12” diameter nylon aerial collecting net with an 18” hardwood handle; fiberboard insect box with pinning bottom (9” x 13” x 2-1/2”); two pocket-type, 4 oz. killing jars with plaster; 8 dram vial of nontoxic ethyl acetate killing fluid; spade tip, nickel-plated forceps; spreading board with 12” foam pinning surfaces and variable groove of 1/8” to 3/4”; three-step hardwood pinning block; pack of 100 insect pins, size 2 or 3; 50 glassine envelopes (2-3/4” x 4-1/4”); 60 blank labels, index stock (7/8” x 1/2”); two fumidors, naphthalene cones on mounting pins;	No.	5
37	**Microwave oven** **Specification:** 20 Liter	No.	1
38	**Orbital flask shaker** **Specification:** Low energy consumption and low noise. Adjustable speed, Suitable for use in freezer rooms. LCD display, simple and convenience. The time controller can alarm automatically. Replaceable trays for different containers. Speed 50-300rpm	No.	1
39	P**etri dishes** **Specification:** Size: 100 mm × 20 mm Per pack 500	Pack	15
40	P**etri dishes (small and medium)** **Specification:** Size: 55 mm × 16 mm Per pack 500	Pack	15
41	**Measuring cylinders** **Specification:** 50ml	No.	1
	Measuring cylinders **Specification:** 100ml	No.	2
	Measuring cylinders **Specification:** 200ml	No.	2
42	**Incubator** **Specification:** Capacity: 22 Liters High-quality cold rolling steel electrostatic spraying exterior. Favin stainless steel or cold rolling steel inner chamber; Foursquare semicircle transition, convenient for cleaning; Space between shelves is adjustable. Optional pointer type temperature controller or intelligent type temperature Controller with PID program, digital display and light touching operation key; And with function of timing and over-temperature protection. Door with wide double-glass observation window, adjustable air-tight buckle lock, and silicon rubber seal, which provide good sealing effect and efficiently prevent heat loss.	No.	1
43	**Funnels** **Specification:** Size :50mm	No.	5
44	**Funnels**		5

	Specification: Size :75mm,	No.	
45	**Funnels** **Specification:** Size :100mm	No.	5
46	**Eppendorf tube** Size: 1.5ml 500 per pack	Packs	10
47	**Fume Hood 2x2f ptl** Speciation: Dimensions : (W x D x H) 1020x621x1920 Dimensions of the work chamber, mm (W x D x H) 1020x621x1120 Mass of assembled cabinet with the stand, kg, not more than------- 84 Input power of the cabinet, W, not more than (exclusively of the load on the built-in outlets)----60 Input power of the fan, W, not more than--31 Maximum load allowed on the sockets, ---W1000 Luminance level in the working zone, lux, not less than-----1000	No.	1
48	**Water Bath 6 holes type, hh-s6** **Specification:** Double-row Six-hole Digital Thermostatic Water Bath Power Supply: AC 220V/110V 50Hz/60HzTemperature control range Room temperature to 100 Celsius Temperature fluctuation: 0.5 Celsius Heating power: 1500W Working room size: L50 W30 H15cm Digital display: Yes Laboratory water bath of easy to use, quality stainless steel material, good reliability.	No.	1
49	Beakers 50 mL	No.	10
50	Beakers 100 mL	No.	10
51	Beakers 250 mL	No.	10
52	Beakers 500mL	No.	10
53	Beakers 1L	No.	10
54	**Chemiluminescence analyzer** **Specification:** 19" rack-mount, 3RU (133.5mm) height, 525mm depth, 35Kg weight	No.	1
55	**Heating Mantle** **Specification:** 500mL AC/DC input : 230v, 240v Material: aluminum parameter : 0-450 °C temp. range diam. × H : 275 mm × 220 mm	No.	1

Financial Proposal Form:

S. No	Description	Unit	Qty	Unit Price (Inclusive of all Taxes)	Total Price (Inclusive of all Taxes)
1	**Micro Centrifuge, Digital**: **Specification:** Maximum speed: 16000 rpm. Fitted with microprocessor based LCD panel for 0-59 minute's countdown timer, digital rpm meter and programmable speed controller. Stand by temperature from -20°C to room temperature is controlled by microprocessor based digital temperature controller cum indicator. Working temperature from -8°C. Prices are complete with rotor head. Capacity 12 micro tubes of 2ml / 1.5ml also supplied with adopters for 0.2/0.5ml micro tubes.	No.	1		
2	**Vortex Mixer:** **Specifications:** Speed range: 250 - 2500 rpm Speed display Scale Mixing Motion & Orbital Diameter Orbital, 4mm Motor type: Shaded pole motor Motor rating input: 58W Motor rating output: 10W Run Type: Touch operation/Continuous Dimension [W×H×D]: 127×130×160mm Weight: 3.5kg Voltage: 110V, 60Hz Power: 60W Permissible ambient temp: 5-40°C Permissible relative humidity: 80% RH	No.	1		
3	**pH Meter** **Specification:** **Measuring range:** pH range: 0.00- 14.00 mV range: -1999- 1999 Temp range: -5 ºC - 105 ºC **Resolution:** pH:0.01 mV: 1mV temp: 0.1ºC pH calibration : up to 3 points Isoelectric point: pH 7.00 Power supply:DC5V-1W Size/Weight: 200×210×70(mm)/0.5kg		1		
4	**Ultrasonic bath with digital temperature** **Specification:** **Electric Supply:** 170 - 245 VAC 50Hz Single Phase **Ultrasonic Power:** As per Model watts average, 1000 Watts peak (with heater)	No.	1		

	Ultrasonic Frequency: 33 +/- 3 KHz **Timer:** LED display 0 - 20 / 90 minutes Timer with settable & On/Off Keys **Heater (Optional):** S.S. sheathed cartridge type immersion heater having power capacity around 1000 / 1500 Watts. **Temperature Control (Optional):** Blind Thermostat type & maximum allowable temperature is 65ºC. 2) Digital Temperature Controller LED Display settable & On/Off Key. 3) Power Sweep Energy Technology is Faster Safer & Cleaner. **Transducers:** PZT Sandwich type, bonded on the base of S.S. Tank, Crystal used Of PZT4 , of matrock Morgon Make. High temperature & good quality wires for Connection & epoxy for bonding of transducers are used. **Tank MOC:** Stainless Steel 316 grade & buffed form inside. 1.6mm Thickness **Tank Capacity :** Capacity: 3.5 liters & Inner Size: 9" X 6" X 4"				
5	**Colony Counter Digital** **Specification :** Power rating of lamp: 16W Total power consumption: 20W Capacity of counter: 0-99 Diameter of the counting plate : 115mm	NO.	1		
6	**Autoclave, vertical:** **Specification** Valid volume:18L Working pressure..0.22MPa Working temperature 134ºC Max working pressure 0.23 Mpa Heat average.≤±1ºC Timer 0~99min or0~99hour Fully stainless steel structure Indicator light indicates working state Over temperature & over pressure auto-protection Double scale indication pressure gauge Safe protection of water lacking Automatically shut off with beep reminding after sterilization Easy to operate, safe and reliable With two stainless steel sterilizing baskets	No	1		
7	**Hot plate** **Specification :** Heating Plate Size: 250 x 300mm 250 x 400mm 300 x 455mm 455 x 605mm 605 x 605mm 605 x 900mm MOC Body: Mild Steel Sheet Powder Coated Heating Elements: Placed Underneath Insulated Temperature Controller: Microprocessor Based PID Digital Temperature Controller Cum Indicator Max. Temperature Range: Continues Heating Up to 350ºc	No.	1		

	Electric Supply: 220/230V AC, 50/60Hz				
8	**Digital Magnetic Stirrer (with Heating)** **Specification:** Hotplate/Stirrer :MS-H280-Pro Temp range: 25 - 280°C Speed range :200-1500rpm (10rpm increments) Temp increments:1°C Speed/Heat display: LED Motor type: DC Brushless Motor Heat Output: 500W Stirring capacity:3L Plate diameter :5.3" Plate material: Ceramic Dimensions: 10.2"L x 6"W x 3.2"H Weight :5lbs Voltage: 220Volts 60Hz, 515W	No.	2		
9	Herbarium Sheet (Plants):used for plant collection 100 sheets per pack	Pack	10		
10	**Safety goggles** **Specification :** Lens Thickness: 3mm Lens Size (Vertical): 60mm Lens Size (Horizontal): 140mm Overall Length (lens edge): 182mm (Approx.) Strap Length: 240mm (Approx.) Height: 75mm Width: 88mm Weight: 63g (Approx.)	No.	10		
11	**Watch Glass, Clear Flint Glass,** **Specification:** 200 mm (Pack of 12)	Packs	2		
12	**Square cover glasses** **Specification:** Size : 22 mm × 22 mm Thickness : (0.13-0.16 mm)	Packets	1		
13	**Dissection box** **Specification :** Dissection Kit for Medical Students for Practical's 20 pcs set	No.	2		
14	**Forceps** **Specification:** Dissecting Forceps Size: 12 cm 10 per set	Set	1		
	Forceps **Specification:** 20cm 10 per set	Set	1		
15	**Wittman's Filter paper** **Specification:** packaging : 500 per pack parameter : 0.25 psi wet burst diam. : 15 mm thickness : 180 µm pore size : 11 µm (Particle retention) type: circles	Packs	2		
16	**Blotting paper sheets** **Specification:** Grade: 222	Packs	2		

	Weight (g/m2): 290 Thickness (mm): 0.83 Flow Rate (ml/min): 180 Capillary Rise (mm/min): 52 % Cotton Fiber: 100 Compare to: GB003 100 sheets per pack				
17	**Staining rods and racks:** **Specification:** Slides staining racks for 60 pieces 25.4mmx76.2mm(1""x3"") slides stubble for GT209-0560 staining jar Materials : Stainless steel"	No.	10		
18	**Heating Blocks:** **Specification**: LCD display. Cool and compact designed appearance. Temperature Range: Ambient +5° to 150°C Temperature Stability: ±1° at 37°C (±3° at 60°C) Heat-up Time to 100°C: 45 minutes Dimensions (L x W x H): 12.4 x 8 x 3.5 in (31.5 x 20.3 x 8.9 cm) Electrical Requirements: 120V, 50/60Hz, 0.9A, 110W	No.	1		
19	**Electric Grinder** **Specification:** Voltage/Frequency: 220-240V,50/60Hz Capacity: 1Kg Disc Diameter: 230mm, 9 Inch Max Motor Speed: 6600rpm	No.	1		
20	**Galvanic stimulator** **Specification:** 2mm Lead Wires x 3 Electrode Pads x 2 Adapter, main unit, user manual, black plastic shell	No.	3		
21	**Plant survey Quadrates** **Specification:** Made of durable hard wood slats, frame is 3 feet×3 feet	No.	5		
22	**Soil and water analysis kit** **Specification:** "1st Lab-60 : Deluxe Water and Soil Analysis Kit 3 1/2 digit LCD display covering 7 parameters : pH, Conductivity, TDS, Salinity, Turbidity, D.O &Temp. with rechargeable battery complete with accessories, fitted in briefcase. 1st Lab-61 : Digital Water and Soil Analysis Kit 3 1/2 digit LCD display covering 6 parameters: pH, Conductivity TDS,ORP,D.O.& Temp. Battery cum mains operated, complete with accessories, fitted in briefcase. 1st Lab-62 : Water and Soil Analysis Kit 3 1/2 digit LCD display covering 5 Parameters: pH, Conductivity, TDS, ORP & Temperature. Battery cum mains operated, complete with accessories, fitted in briefcase."	No.	2		

21	**Wooden plant press** **Specification:** Made of durable hard wood slats, frame is 3 feet×3feet	No.	5		
22	**<u>Olfactometer</u>** **Specification:** Operating voltage: 100-240 V AC Weight: Ca. 16 kg Dimensions (Length x Height x Depth): 51.5 x 44.0 x 29.5 cm Flow rate: Up to 1000 mL/min	No.	3		
23	**Balance open pan** **Specification**: Maximum capacity : 510 g Minimum Weight (USP, 0.1%, typical) : 140 mg Repeatability (Test Weight): 0.1 mg (500 g) Settling Time: 2 second Dimensions (DxHxW): 411 mm x 368 mm x 214 mm	No.	3		
24	**Thermometer** **Specification:** Laboratory thermometers measure temperature with a high level of precision for applications such as experiment monitoring, instrument calibration, materials testing, and maintaining a sterile work environment. Options include differential and digital logging thermometers; portable units that measure pH, ORP, and temperature; and millikelvin thermometers for applications with a low measuring uncertainty of 0.01–0.001 °C	No.	10		
25	**UV lamp** **Specification:** 1w to 160w up / 265 to 410nm	No.	2		
26	**Glass Desiccators** **Specification:** 6L, Material: glass	No.	2		
27	**Calorimeter** **Specification:** Model Digital Colori Meter Display Microprocessor with numeric Display Stand Glass Filters07Zero Adjustment Auto Display Digits 2 ½Sample Holder Rectangular 10mm (0.5mL)Range405-660nmOutput OD (0-1.99)Mini Volume0.5 ml Detector Photo Diode Light Source Long Life- Bread Spectrum LED Battery Backup Yes Power Supply	No.	1		
28	Auto pipette 1 to 10ul	No.	1		
29	Auto pipette 5 to 50ul	No.	1		
30	Auto pipette 10 to 100ul	No.	1		
31	Auto pipette 100 to 1000ul	No.	1		

32	Pipette (10 ml)	No.	10		
33	Pipette (25ml)	No.	10		
34	Spirit Lamps 150 ml	No.	10		
35	**Pipetting Device (pipette filler)** **Specification:** Operating Principle: Manual Equipment Type: Junior Capacity: 0.5 ml to 25 ml	No.	5		
36	**Insects collecting kit** **Specification:** 12" diameter nylon aerial collecting net with an 18" hardwood handle; fiberboard insect box with pinning bottom (9" x 13" x 2-1/2"); two pocket-type, 4 oz. killing jars with plaster; 8 dram vial of nontoxic ethyl acetate killing fluid; spade tip, nickel-plated forceps; spreading board with 12" foam pinning surfaces and variable groove of 1/8" to 3/4"; three-step hardwood pinning block; pack of 100 insect pins, size 2 or 3; 50 glassine envelopes (2-3/4" x 4-1/4"); 60 blank labels, index stock (7/8" x 1/2"); two fumidors, naphthalene cones on mounting pins;	No.	5		
37	**Microwave oven** **Specification:** 20 Liter	No.	1		
38	**Orbital flask shaker** **Specification:** Low energy consumption and low noise. Adjustable speed, Suitable for use in freezer rooms. LCD display, simple and convenience. The time controller can alarm automatically. Replaceable trays for different containers. Speed 50-300rpm	No.	1		
39	**Petri dishes** **Specification:** Size: 100 mm × 20 mm Per pack 500	Pack	15		
40	**Petri dishes (small and medium)** **Specification:** Size: 55 mm × 16 mm Per pack 500	Pack	15		
41	**Measuring cylinders** **Specification:** 50ml	No.	1		
	Measuring cylinders **Specification:** 100ml	No.	2		
	Measuring cylinders **Specification:** 200ml	No.	2		
42	**Incubator** **Specification:** Capacity: 22 Liters High-quality cold rolling steel electrostatic spraying exterior.				

	Favin stainless steel or cold rolling steel inner chamber; Foursquare semicircle transition, convenient for cleaning; Space between shelves is adjustable. Optional pointer type temperature controller or intelligent type temperature Controller with PID program, digital display and light touching operation key; And with function of timing and over-temperature protection. Door with wide double-glass observation window, adjustable air-tight buckle lock, and silicon rubber seal, which provide good sealing effect and efficiently prevent heat loss.	No.	1		
43	**Funnels** **Specification:** Size :50mm	No.	5		
44	**Funnels** **Specification:** Size :75mm,	No.	5		
45	**Funnels** **Specification:** Size :100mm	No.	5		
46	**Eppendorf tube** Size: 1.5ml 500 per pack	Packs	10		
47	**Fume Hood 2x2f ptl** Speciation: Dimensions : (W x D x H) 1020x621x1920 Dimensions of the work chamber, mm (W x D x H) 1020x621x1120 Mass of assembled cabinet with the stand, kg, not more than------- 84 Input power of the cabinet, W, not more than (exclusively of the load on the built-in outlets)----60 Input power of the fan, W, not more than--31 Maximum load allowed on the sockets, ---W1000 Luminance level in the working zone, lux, not less than-----1000	No.	1		
48	**Water Bath 6 holes type, hh-s6** **Specification:** Double-row Six-hole Digital Thermostatic Water Bath Power Supply: AC 220V/110V 50Hz/60HzTemperature control range Room temperature to 100 Celsius Temperature fluctuation: 0.5 Celsius Heating power: 1500W Working room size: L50 W30 H15cm Digital display: Yes Laboratory water bath of easy to use, quality stainless steel material, good reliability.	No.	1		
49	Beakers 50 mL	No.	10		
50	Beakers 100 mL	No.	10		
51	Beakers 250 mL	No.	10		

52	Beakers 500mL	No.	10		
53	Beakers 1L	No.	10		
54	**Chemiluminescence analyzer** **Specification:** 19" rack-mount, 3RU (133.5mm) height, 525mm depth, 35Kg weight	No.	1		
55	**Heating Mantle** **Specification:** 500mL AC/DC input : 230v, 240v Material: aluminum parameter : 0-450 °C temp. range diam. × H : 275 mm × 220 mm	No.	1		
			Total Inclusive of all applicable taxes		

Sr. No	Total Bid Value (PKR)	CDR Amount (PKR)	CDR No. and Bank Details

UNDERTAKING

I have read the terms and conditions thoroughly regarding "Tender dated _____, I hereby undertake to abide by these terms & conditions in letter and spirit. In case of false, fake information or documents, I shall be liable to disqualification and subsequently my CDR be forfeited by the Procuring Entity.

Signature: _____

Name of Authorize Person: _____

Company/Firm Name: _____

Seal: _____