TENDER DOCUMENT FOR

Science Lab Equipment(s) for Department of Chemistry

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

The
University of Haripur
Restoring Hope; Building Community

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

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-D)

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 Chemistry**, 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 (WhatsApp No: 0302-8873946, Email: muzaffar.iqbal@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-D
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	WhatsApp No: 0302-8873946, Email: muzaffar.iqbal@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 of last 2 years 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	Names with Description	Unit	Qty
1	**Hot Plate With Magnetic Stirring:** **Speed Range:** 60 rpm to 1600 rpm, **Temperature Range:** Ambient + 5 °C – 500 °C, **Temperature Stability*:** +/-3 % Plate, below 100 °C +/-2 °C and +/-1 % Probe, below 100 °C +/-1 °C **Capacity:** 15 L **Power:** 230V, 0.5A, 50/60Hz (Stirring) **Power:** 230V, 6.0A, 50/60Hz (Heating) **Power Consumption:** 104 W (230V) (Stirring) **Power Consumption:** 1242 W (230V) (Heating) **Control:** Digital, Net Weight: 2.6 kg	No.	2
2	**Digital Weighing Balance:** **Capacity (g):** 220, **Readability (g):** 0.0001, **Stabilization Time (s):** 3 **Typical Minimum Weight USP (USP K=2, U=0.10%):** 200 mg, **Optimized Minimum Weight (USP, U=0.10%, K=2) SRP≤0.41d*:** 82 mg, **Units:** Milligram, Gram, Ounce, Carat, Pennyweight, Ounce Troy, Newton, Grain **Applications:** Basic Weighing, Parts Counting, Percent Weighing, **Platform Size (diameter):** 3.5 inch / 9 cm **Tare Range:** Full range, **Power Supply: Power Input:** 100–240V ~ 200mA, 50–60Hz 12–18VA **Power Output:** 12 VDC 0.5A **Assembled Dimensions (W × D × H):** 8 x 13 x 12 inch / 201 × 317 × 303 mm, **Operating Temperature Range:** Operating conditions for ordinary lab application: +10-30°C (operability guaranteed between +5 and 40°C) **Humidity:** maximum relative humidity 80% for temperatures up to 30 °C, decreasing linearly to 50% relative humidity at 40 °C	No.	1
3	**UV Lamp/TLC Visualizer:** **Power supply:** 230 V, Plastic coated light metal casing, main operation 420 V, 220V. **Short wavelength:** 254nm, **long wavelength:** 366 nm, multiple wave which switch for required wavelength	No.	1
4	**TLC Developing Chamber:** Rectangular chamber with lid, One for 20x20 TLC plate; two for 10x10 TLC	No.	1
5	**Micro Pipette Set:** • Microlit Lab Pipettor (0.5-10ul, 10-100ul, 100-1000ul) • Universal Tipcone – compatible with most internationally accepted tips • Fully autoclavable at 20° C, 15psi. for 10 – 15 mins • Calibration certificate provided – Conforms to ISO 8655 standards	No.	1

	• Certificates – ISO 9001, ISO 13485, ISO 17025, CE 2-20ul,		
6	**pH Meter** : **Power Supply:** 110V ± 10%, **Frequency:** 50-60Hz, **Relative Humidity:** <85%, **Temperature:** 0-80°C, **Output Load:** <350 Ω, Automatic, **Calibration:** up to five-point, Eight standard buffers available (1.68, 3.00, 4.01, 6.86, 7.01, 9.18, 10.01,12.45) and five custom buffers. ±0.1 pH, ±0.01 pH, ±0.002 pH ±1 LSD	No.	1
7	**Hydrothermal Autoclave: (**One of each size) Vertical Cylinder of Stainless Steel, **Size:** 500ml, 250 ml, 100 ml, **Inner Tube:** Teflon (PTFE), **Safe Temperature:** 200 °C, **Safe Pressure:** 3MPa	No.	3
8	**Desiccator Cabinet:** **Volume:** 6L, Borosilicate Glass, Screw thread in lid and base with stopcock	No.	1
9	**Vacuum Filtration Apparatus:** For 47 mm filters with glass support, NS 40/35 joints, 4 L flask, funnel top, funnel stem/membrane support Borosilicate glass Made up of: - 1 Erlenmeyer flask with cone 40/35, 1000 ml (cod. PBH030) - 1 Body with fritted glass disk for 47 mm membranes (cod. PJD003) - 1 Filtration funnel, 300 ml (cod. PJD002) - 1 Anodized aluminium clamp (cod. PJD006) - Vacuum pump diagphram type-oil free, 21L/min, AC220V, 60 Hz	No.	1
10	**Magnetic Stirrer Heating Blocks:** (One of each size) Made of an anodised aluminium alloy, **Usage:** Magnetic Stirrer Heating, **Size:** 100mL, 250mL, 500mL	No.	3
11	**Thermometer:** Long cylindrical upto 0 to 150 ^{0}C point, Mercury bulb**,** **Length:** 12cm	No.	4
12	**300W Xeon Lamp:** Housing (TSH-X300) + power supply (TSP-X300) +Lamp (TSL-X300). **Power Stability:** 0.3%, **Output power range:** 150-300V, Air cooling & cooling module, **The filter with different cutoff:** 420nm, 400nm, 250nm	No.	1
13	**Viscometer :** **Power:** Electronic, 110V/60Hz or 220V/50Hz, **Measuring Range:** 1-200000, **Measuring error:** 0.5%, **Rotation Speed:** 0.3-60/s, **Rotors:** 1-4,	No.	1
14	**Conductometer:**	No.	1

	Accuracy: Meter: ±1.0%FS, meter comes with electrode: ±1.5%FS, **Resolution:** 0.1/1μS/cm 0.01/0.1mS/cm, **Electrode constant:** 0.1/1/10, **Storage content:** Number, measuring value, measuring unit, temperature value, **Power:** DC9V power adapter		
15	**Polarimeter :** **Measuring range:** -180° Arc: ±180°Z, Scale interval: 1°, **Verier scale interval:** 0.05°, Magnification factor of the magnifying glass: 4 times, **Light source:** Sodium lamp, **Optical wavelength:** 589.44nm, **Tube length:** 100mm,200mm	No.	1
16	**Safety Goggles:** **Material:** PC, **Size:** 16.5*5.5*3CM, Anti-Fog Wide-Vision Lab Safety Goggle Eye Protection for Classroom Lab Home and Workplace Safety **Nitrile Gloves: (3 Box)** **Size:** Custom, **Material:** Nitrile, **Color:** Blue, **Feature:** Comfortable	No. Pairs	30 200
17	**1st aid kit:** 30 individually wrapped sterile adhesive dressings (assorted sizes) appropriate for the activity (detectable dressings (coloured blue) should be available if catering is to be undertaken) 10 sterile eye pads 4 individually wrapped triangular bandages (preferably sterile), 10 medium sized individually wrapped sterile unmediated wound dressings (approx. 12cm × 12cm) 5 large sterile individually wrapped unmediated wound dressings (approx. 18cm × 18cm) 20 pairs of disposable gloves, sterile normal saline solution (0.9%) in sealed disposable containers, Scissors, Tweezers, Needle, Moistened towelettes, Antiseptic, Thermometer, Tongue depressor blades (2), Tube of petroleum jelly or other lubricant, Povidone-iodine, Burnol,	No.	1
18	**Heating Mantle: (**One of each size) Laboratory Heating Equipment with magnetic stirring, , **Speciality:** Be resistant to chemical corrosivity, **Power Supply:** 100V-220V, **Function:** Heating & stirring, **Size:** 250mL, 1L, 2L, **Display:** Digital	No.	3
19	**Melting Point, Boiling Point Apparatus:** **Power Supply:** 230V, **Frequency:** 50Hz, **Max temp:** 300 °C , Cylindrical block material of aluminum	No.	1
20	**Automatic Round Bath:** **Capacity:** 10L, **Power Supply:** 230V, **Temperature Range:** 300 °C, **Shape:** round, Stainless steel	No.	1

21	**Bunsen Burner:** **Material:** Aluminum burner mixing tube,brass flame stabilizer,and a die cast zinc alloy base, vertical, automatic, **Size:** 80*155cm	No.	10
22	**Test Tube Rack:** **Material:** Plastic, **Capacity:** 12 tubes	No.	10
23	**Iron Stand With Clamps and ring:** **Material:** Metal, Boss head clip and clamp, **Height:** Customizable, **Base:** 21*13.5cm**,** **Flask Holder:** 19cm**,** **Opening:** 6.5cm, **Ring Size:** 12.5*5cm, 15*7.5cm, 19*6cm, 15*5cm	No.	5
24	**Steel Spatula:** **Material:** Stainless steel, Double edged, one side is flat and another one is little bent or U form, **Lenght:** 12.5cm, 15cm, 18cm, 20cm,	No.	10
25	**Lab Heating Oven:** **Capacity:** 176 L, **Temp range:** 50-300 °C , temp control, microprocessor control, Temperature Range 5°C above ambient to 300°C maximum **Safety device:** Over temperature protection Electric leakage breaker Temperature safety as per DIN 12880 Class 3.1 **Exterior Chamber** MS powder coated **Interior Chamber** 304 stainless steel **Insulation** Mineral Wool	No.	1
26	**Sonication Bath:** Titanium stainless steel plate, **Temp Range:** 30-200 °C **Power Rating:** 1000 watts; Frequency: 37 kHz; **Dimensions** (W x L x H): 8 x 15.25 x 8.5 in. (203 x 387 x 216 mm); **Voltage:** 110V, 50/60 Hz	No.	1
27	**Fume Hood :** **Max Opening:** 520mm **Blower:** Built-in Centrifugal Blowers. **Work Surface Height:** 750mm. **Air Velocity:** 0.3~0.8m/S. **Gross Weight:** 230kg/253kg /280kg/310kg. **Consumption:** 400W/400W/500W/500W. **Fluorescent Lamp:** 18W*1/18W*1/36W*1/36W*1. **Noise:** ≤60dB. **UV Lamp:** Emission of 253.7 Nanometers for Most Efficient De **Power Supply:** 110/220V±10%, 60/50Hz	No.	1
28	**UV/ Visible Spectrophotometer:** **Optical system Double beam**, Wavelength range 190 to 1,100nm, Spectral bandpass 1.5nm, Stray light 0.05% or less, Photometric range –3 to 3Abs, 0 to 300%T, Photometric accuracy Wavelength scan speed 10, 100, 200, 400, 800, 1,200, 2,400, 3,600nm/min Baseline stability 0.0003Abs/h (at 500nm, 2 hours after power-on), Light source WI and D2 lamps, Light source changeover Auto (user selectable from 325 to 370nm), Detector Silicon photodiode, Display U-2900: color LCD with backlight (26.4cm)	No.	1

29	**Flame Photometer:** **Focal Length:** 0.3nm, **Measuring Range:** 0.01ppm, **Wavelength Range:** 190-1100nm, **Sensitivity:** K, Na, Li, Ca, Ba, **Display:** 7 inch touch screen LCD, Air Compressor	No.	1

Financial Proposal Form:

S. No	Names with Description	Unit	Qty	Unit Price (Inclusive of all taxes)	Total Price (Inclusive of all taxes)
1	**Hot Plate With Magnetic Stirring:** **Speed Range:** 60 rpm to 1600 rpm, **Temperature Range:** Ambient + 5 °C – 500 °C, **Temperature Stability*:** +/-3 % Plate, below 100 °C +/-2 °C and +/-1 % Probe, below 100 °C +/-1 °C **Capacity:** 15 L **Power:** 230V, 0.5A, 50/60Hz (Stirring) **Power:** 230V, 6.0A, 50/60Hz (Heating) **Power Consumption:** 104 W (230V) (Stirring) **Power Consumption:** 1242 W (230V) (Heating) **Control:** Digital, Net Weight: 2.6 kg	No.	2		
2	**Digital Weighing Balance:** **Capacity (g):** 220, **Readability (g):** 0.0001, **Stabilization Time (s):** 3 **Typical Minimum Weight USP (USP K=2, U=0.10%):** 200 mg, **Optimized Minimum Weight (USP, U=0.10%, K=2) SRP≤0.41d*:** 82 mg, **Units:** Milligram, Gram, Ounce, Carat, Pennyweight, Ounce Troy, Newton, Grain **Applications:** Basic Weighing, Parts Counting, Percent Weighing, **Platform Size (diameter):** 3.5 inch / 9 cm **Tare Range:** Full range, **Power Supply: Power Input:** 100–240V ~ 200mA, 50–60Hz 12–18VA **Power Output:** 12 VDC 0.5A **Assembled Dimensions (W × D × H):** 8 x 13 x 12 inch / 201 × 317 × 303 mm, **Operating Temperature Range:** Operating conditions for ordinary lab application: +10-30°C (operability guaranteed between +5 and 40°C) **Humidity:** maximum relative humidity 80% for temperatures up to 30 °C, decreasing linearly to 50% relative humidity at 40 °C	No.	1		
3	**UV Lamp/TLC Visualizer:** **Power supply:** 230 V, Plastic coated light metal casing, main operation 420 V, 220V. **Short wavelength:** 254nm, **long wavelength:** 366 nm, multiple wave which switch for required wavelength	No.	1		
4	**TLC Developing Chamber:** Rectangular chamber with lid, One for 20x20 TLC plate; two for 10x10 TLC	No.	1		
5	**Micro Pipette Set:**	No.	1		

	• Microlit Lab Pipettor (0.5-10ul, 10-100ul, 100-1000ul) • Universal Tipcone – compatible with most internationally accepted tips • Fully autoclavable at 20° C, 15psi. for 10 – 15 mins • Calibration certificate provided – Conforms to ISO 8655 standards • Certificates – ISO 9001, ISO 13485, ISO 17025, CE 2-20ul,				
6	**pH Meter** : **Power Supply:** 110V ± 10%, **Frequency:** 50-60Hz, **Relative Humidity:** <85%, **Temperature:** 0-80°C, **Output Load:** <350 Ω, Automatic, **Calibration:** up to five-point, Eight standard buffers available (1.68, 3.00, 4.01, 6.86, 7.01, 9.18, 10.01,12.45) and five custom buffers. ±0.1 pH, ±0.01 pH, ±0.002 pH ±1 LSD	No.	1		
7	**Hydrothermal Autoclave: (**One of each size) Vertical Cylinder of Stainless Steel, **Size:** 500ml, 250 ml, 100 ml, **Inner Tube:** Teflon (PTFE), **Safe Temperature:** 200 °C, **Safe Pressure:** 3MPa	No.	3		
8	**Desiccator Cabinet:** **Volume:** 6L, Borosilicate Glass, Screw thread in lid and base with stopcock	No.	1		
9	**Vacuum Filtration Apparatus:** For 47 mm filters with glass support, NS 40/35 joints, 4 L flask, funnel top, funnel stem/membrane support Borosilicate glass Made up of: - 1 Erlenmeyer flask with cone 40/35, 1000 ml (cod. PBH030) - 1 Body with fritted glass disk for 47 mm membranes (cod. PJD003) - 1 Filtration funnel, 300 ml (cod. PJD002) - 1 Anodized aluminium clamp (cod. PJD006) - Vacuum pump diagphram type-oil free, 21L/min, AC220V, 60 Hz	No.	1		
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11	**Thermometer:** Long cylindrical upto 0 to 150 ^{0}C point, Mercury bulb**,** **Length:** 12cm	No.	4		
12	**300W Xeon Lamp:** Housing (TSH-X300) + power supply (TSP-X300) +Lamp (TSL-X300). **Power Stability:** 0.3%, **Output power range:** 150-300V, Air cooling & cooling module, **The filter with different cutoff:** 420nm, 400nm, 250nm	No.	1		
13	**Viscometer :** **Power:** Electronic, 110V/60Hz or 220V/50Hz, **Measuring Range:** 1-200000, **Measuring error:** 0.5%, **Rotation Speed:** 0.3-60/s, **Rotors:** 1-4,	No.	1		
14	**Conductometer:** **Accuracy: Meter:** ±1.0%FS, meter comes with electrode: ±1.5%FS, **Resolution:** 0.1/1μS/cm 0.01/0.1mS/cm, **Electrode constant:** 0.1/1/10, **Storage content:** Number, measuring value, measuring unit, temperature value, **Power:** DC9V power adapter	No.	1		
15	**Polarimeter :** **Measuring range:** -180° Arc: ±180°Z, Scale interval: 1°, **Verier scale interval:** 0.05°, Magnification factor of the magnifying glass: 4 times, **Light source:** Sodium lamp, **Optical wavelength:** 589.44nm, **Tube length:** 100mm,200mm	No.	1		
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19	**Melting Point, Boiling Point Apparatus:** **Power Supply:** 230V, **Frequency:** 50Hz, **Max temp:** 300 °C , Cylindrical block material of aluminum	No.	1		
20	**Automatic Round Bath:** **Capacity:** 10L, **Power Supply:** 230V, **Temperature Range:** 300 °C, **Shape:** round, Stainless steel	No.	1		
21	**Bunsen Burner:** **Material:** Aluminum burner mixing tube,brass flame stabilizer,and a die cast zinc alloy base, vertical, automatic, **Size:** 80*155cm	No.	10		
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24	**Steel Spatula:** **Material:** Stainless steel, Double edged, one side is flat and another one is little bent or U form, **Lenght:** 12.5cm, 15cm, 18cm, 20cm,	No.	10		
25	**Lab Heating Oven:** **Capacity:** 176 L, **Temp range:** 50-300 °C , temp control, microprocessor control, Temperature Range 5°C above ambient to 300°C maximum **Safety device:** Over temperature protection Electric leakage breaker Temperature safety as per DIN 12880 Class 3.1 **Exterior Chamber** MS powder coated **Interior Chamber** 304 stainless steel **Insulation** Mineral Wool	No.	1		
26	**Sonication Bath:** Titanium stainless steel plate, **Temp Range:** 30-200 °C **Power Rating:** 1000 watts; Frequency: 37 kHz; **Dimensions** (W x L x H): 8 x 15.25 x 8.5 in. (203 x 387 x 216 mm); **Voltage:** 110V, 50/60 Hz	No.	1		
27	**Fume Hood :** **Max Opening:** 520mm **Blower:** Built-in Centrifugal Blowers. **Work Surface Height:** 750mm. **Air Velocity:** 0.3~0.8m/S. **Gross Weight:** 230kg/253kg /280kg/310kg. **Consumption:** 400W/400W/500W/500W. **Fluorescent Lamp:** 18W*1/18W*1/36W*1/36W*1. **Noise:** ≤60dB. **UV Lamp:** Emission of 253.7 Nanometers for Most Efficient De **Power Supply:** 110/220V±10%, 60/50Hz	No.	1		
28	**UV/ Visible Spectrophotometer:** **Optical system Double beam**, Wavelength range 190 to 1,100nm, Spectral bandpass 1.5nm, Stray light 0.05% or less, Photometric range –3 to 3Abs, 0 to 300%T, Photometric accuracy Wavelength scan speed 10, 100, 200, 400, 800, 1,200, 2,400, 3,600nm/min Baseline stability 0.0003Abs/h (at 500nm, 2 hours after power-on), Light source WI and D2 lamps, Light source changeover Auto (user selectable from 325 to 370nm), Detector Silicon photodiode, Display U-2900: color LCD with backlight (26.4cm)	No.	1		
29	**Flame Photometer:** **Focal Length:** 0.3nm, **Measuring Range:** 0.01ppm,	No.	1		

	Wavelength Range: 190-1100nm, **Sensitivity:** K, Na, Li, Ca, Ba, **Display:** 7 inch touch screen LCD, Air Compressor				
(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: _____