

**THE KARACHI INSTITUTE OF BIOTECHNOLOGY
& GENETIC ENGINEERING (KIBGE)
UNIVERSITY OF KARACHI
KARACHI-75270, PAKISTAN**

Tel: +9221-99261180-1

TENDER NOTICE NO. KIBGE/HEC-RP(03)/SEQPT/31-05-18

Sealed tenders are invited from the income tax and sales tax registered authorized agents or firms (where applicable) for purchase of “*SCIENTIFIC EQUIPMENT*” under the following HEC Research Projects on *FOR Basis (in PKR)* on *Single-Stage One-Envelope* procedure for the Institute.

S. No.	Name of the Project	Project No.	Tender fee
1	Association between Genetic Polymorphism of Antioxidant Enzymes System and Risk of Senile Cataract in Type 2 Diabetic patients	6575	1,000
2	Exploration of Microbial Resources for the Production of Chitinase by Utilizing Marine Waste and Structural Characterization of Chitin and its Derivatives Extracted from Crustacean Shells	6549	1,000
3	To Develop Nutritional Strategies as Alternatives to Antibiotic Growth Promoters in Chickens: Implicating Nutrigenomic Approaches	6596	1,000

The tender documents can be collected from Administration Office of the Institute, on any working day between 09:00 a.m. to 01:00 p.m., from the date of publication of this advertisement in the newspapers or notification of this advertisement on the websites, on payment of Rs. 1,000/- each (non-refundable), in shape of a pay order/(Demand Draft by the out of Karachi suppliers), in favor of the “KIBGE, University of Karachi” or downloaded from the websites www.kibge.edu.pk, www.pprasindh.gov.pk. The last date of issuing the tender documents is May 30, 2018. The tenders can be submitted with 2% of the bid value as bid security in shape of a pay order in favor of the “KIBGE, University of Karachi”, latest by 10:30 a.m. on May 31, 2018. The tender will be opened in Conference Room of the Institute at 11:00 a.m. on the same day in presence of the bidders or their representatives. The Procuring Agency may reject all or any bid subject to the relevant provision of SPP Rule No. 25.

DIRECTOR GENERAL

**THE KARACHI INSTITUTE OF BIOTECHNOLOGY
& GENETIC ENGINEERING (KIBGE)
UNIVERSITY OF KARACHI
KARACHI-75270**

Contact Person:

Dr. Afsheen Aman (9221-99261180-1)

The Karachi Institute of Biotechnology & Genetic Engineering (KIBGE)

University of Karachi, Karachi-75270.

S. No.	Item Name with Specifications	Quantity	Estimated Cost (PKR)
1.	<p>FOURIER-TRANSFORM INFRARED (FTIR) SPECTROMETER</p> <p><u>SPECIFICATIONS</u> FT-IR spectrometer should have tough industrial design and integrated diagnostics provide worry-free operation, even in hot, humid operating environments. Designed for fast chemical identification, verifying product quality, and for general troubleshooting. Accessories featuring automatic recognition, diagnostic checks, experiment parameter setup and multimedia tutorials. Software should provide an intuitive user interface for collecting, analyzing, and reporting lab results. Helpful step-by-step getting started tutorials assist new users in learning with detailed explanations of more sophisticated data processing features</p> <p style="text-align: center;">PERFORMANCE</p> <p>a) Spectral range: 7800-350 cm-1 optimized, mid-infrared KBr beam splitter</p> <p>b) Signal-to-noise: 8,000:1 peak to peak in five seconds 22,000:1 peak to peak in one minute</p> <p>c) Spectral resolution: Better than 0.8 cm-1</p> <p>d) Wavelength precision: 0.01 cm-1 at 2000 cm-1</p> <p style="text-align: center;">OPTICS</p> <p>a) Windows: Sealed and Desiccated spectrometer with ZnSe windows with anti- reflection coating</p> <p>b) Detector: Fast recovery deuterated triglycine sulfate (DTGS)</p> <p>c) Source: Mid-infrared Ever-Glo; user replaceable from bottom plate</p> <p>d) Beamsplitter: KBr/Ge mid infrared optimized</p> <p>e) Laser: Temperature controlled solid-state, Near-IR diode laser</p> <p>f) Electronics: Integrated heat and humidity electronic sensors to protect the bench from potential damage due to extreme environments USB 2.0 high-speed bidirectional communication to PC</p> <p>g) ATR: ZnSe ATR compatible and auto-recognition</p>	01	3,000,000/-

<p>h) Regulatory: Regulatory Approvals: CE, ETL</p>		
<p>i) Performance Verification: Automated performance verification as per ASTM E1421 to meet customer ISO/GLP requirements Internal NIST-traceable 1.5 MIL polystyrene film (serialized) Automatic accessory detection and performance verification</p>		
<p>j) Humidity and Vapor Protection: Tightly sealed and desiccated optical bench; Rechargeable desiccant cartridges with humidity indicator</p>		
<p>k) Accessory: Transmission Starter Kit for Liquid & Solid Sampling including press machine, KBr powder, KBr windows, Liquid Cell, Mortar and pestle</p>		
<p>l) Libraries: Polymer Library, Carbohydrate library, Organic Reagents, Organic reagent Solids, Inorganic Reagents, Surfactants, Minerals, Fiber (Should not be quoted as optional item)</p>		
<p>m) Data System: Latest compatible (Corei7, 500 GB HD, 4GB Ram) with FTIR software along with Laser Printer</p>		
<p>n) UPS: 3KVA UPS with 30 minutes backup time</p>		
<p>o) Training: The Supplier must provide training for the users of the instrument at site after installation and commissioning</p>		
<p>p) System Warranty and Technical Support: Onsite installation, commissioning, training and IQ/OQ (on vendor support) by factory trained engineers is mandatory</p>		

INSTRUCTIONS TO BIDDERS

Preparation of Bids

- 1. Scope of Work** The, K.I.B.G.E., plans to develop / acquire a comprehensive integrated solution for all the functional needs and requirements of Scientific Equipment. The purchase will be financed through the cash provided by the Government of Pakistan through Higher Education Commission Islamabad. This tender is issued for the supply, installation and demonstration of the working of the Scientific Equipment as per the schedule of requirements given in this Tender Document.
- 2. Method and Procedure of Procurement** National Competitive Bidding **Single-Stage One-Envelope Procedure** as per SPP Rules 2010 (updated 2013)

The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Procuring agency, shall be written in English language.
- 2. Language of Bid**
- 3. Documents Comprising the Bid** The bid prepared by the Bidder shall comprise the following components:
 - (a) Price Schedule completed in accordance with ITB Clauses 4, 5 and 6.
 - (b) Bid security furnished in accordance with ITB Clause 9.
- 4. Bid Prices**
 - 4.1 The Bidder shall indicate on the appropriate Price Schedule the unit prices (where applicable) and total bid price of the equipment it proposes to supply under the contract.
 - 4.2 The prices shall be quoted on delivery to consignee's end inclusive of all taxes, stamps, duties, levies, fees and installation and integration charges imposed till the delivery location specified in the Schedule of Requirements. No separate payment shall be made for the incidental services.
 - 4.3 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet.
 - 4.4 Prices shall be quoted in Pak Rupees unless otherwise specified in the Bid Data Sheet. The conversion of the foreign currency in Pak rupees should be mentioned in case of C&F prices.
- 5. Bid Form** The Bidder shall complete the Bid Form and the appropriate Price Schedule furnished in the bidding documents, indicating equipment to be supplied, description of the equipment and prices.
- 6. Bid Currencies** Prices Shall be quoted in "fixed" and in Pak rupees (after conversion from foreign currency) in case when the prices are being quoted on C&F basis.

- 7. Documents Establishing Bidder's Eligibility and Qualification**
- The Bidder shall furnish, as part of its bid, documents establishing the Bidder's eligibility to bid and its qualifications to perform the contract if its bid is accepted.
- (a) That the Bidder has the financial and technical capability necessary to perform the contract.
 - (b) That the Bidder meets the qualification criteria listed in the Bid Data Sheet.
- 8. Documents' Eligibility and Conformity to Bidding Documents**
- The documentary evidence of conformity of the EQUIPMENT to the bidding documents may be in the form of cat number, part number etc., and shall consist a detailed description of the essential technical and performance characteristics of the systems.
- 9. Bid Security**
- 9.1 The bid security is required to protect the Procuring agency against the risk of Bidder's conduct, which would warrant the security's forfeiture
- The bid security shall be denominated in the currency of the bid:
- (a) At the Bidder's option, be in the form of either demand draft/call deposit or an unconditional bank guarantee from a reputable Bank
 - (b) Be submitted in its original form; copies will not be accepted;
 - (c) Remain valid for a period of at least 14 days beyond the original validity period of bids, or at least 14 days beyond any extended period of bid validity
- 9.2 Bid securities shall be released to the unsuccessful bidders once the contract has been signed with the successful bidder or the validity period has expired.
- 9.3 The successful Bidder's bid security shall be discharged upon the Bidder signing the contract, and furnishing the performance security.
- 9.4 The bid security may be forfeited:
- (a) If a Bidder withdraws its bid during the period of bid validity or
 - (b) In the case of a successful Bidder, if the Bidder fails:
 - (i) to sign the contract in accordance or
 - (ii) to furnish performance security

**10. Period of
Validity of
Bids**

- 10.1 Bids shall remain valid for the period specified in the Bid Data Sheet after the date of bid submission prescribed by the Procuring agency. A bid valid for a shorter period shall be rejected by the Procuring agency as non responsive.
- 10.2 In exceptional circumstances, the Procuring agency may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The bid security shall also be suitably extended as per Rule-38 of SPP Rules, 2010 (Amended 2017). A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid.

**11. Format and
Signing of Bid**

- 11.1 The Bidder shall prepare an original and one copy of the bid indicated in the Bid Data Sheet, clearly marking each "ORIGINAL BID" and "COPY OF BID," as appropriate. In the event of any discrepancy between them, the original shall govern.
- 11.2 The original and the copy or copies of the bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid.
- 11.3 Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.

Submission of Bids

**12. Sealing and
Marking of
Bids**

- 12.1 The Bidder shall seal the original and each copy of the bid in separate envelopes, duly marking the envelopes as "ORIGINAL BID" and ONE COPY. The envelopes shall then be sealed in an outer envelope. The inner and outer envelopes shall be addressed to the Procuring agency at the address given in the BDS, and carry statement "DO NOT OPEN BEFORE 11:00 A.M. on May 31, 2018."
- 12.2 If the outer envelope is not sealed and marked as required, the Procuring agency shall assume no responsibility for the bid's misplacement or premature opening.

**13. Deadline for
Submission of
Bids**

- 13.1 Bids must be received by the Procuring agency at the address specified in BDS, not later than the time and date specified in the Bid Data Sheet.
- 13.2 The Procuring agency may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in such

case all rights and obligations of the Procuring agency and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

14. Late Bids

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

15. Modification and Withdrawal of Bids

15.1 The Bidder may modify or withdraw its bid after the bid's submission, provided that written notice of the modification, including substitution or withdrawal of the bids, is received by the Procuring agency prior to the deadline prescribed for submission of bids.

15.2 No bid may be modified after the deadline for submission of bids.

15.3 No bid may be withdrawn in the interval between the deadline for submission of bids and the expiry of the period of bid validity. Withdrawal of a bid during this interval may result in the Bidder's forfeiture of its bid security.

Opening and Evaluation of Bids

16. Opening of Bids by the Procuring agency

16.1 The Procuring agency shall 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.

16.2 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 Procuring agency may consider appropriate, will be announced at the opening.

17. Clarification of Bids

During evaluation of the bids, the Procuring agency may 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.

18. Preliminary Examination

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

18.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If the Supplier does not accept the correction of the errors, its bid will be rejected, and its bid security

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

18.3 Prior to the detailed evaluation, the Procuring agency will determine the substantial responsiveness of each bid to the bidding documents. A substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. Procuring agency's determination of a bid's responsiveness is to be based on the contents of the bid itself.

18.4 If a bid is not substantially responsive, it will be rejected by the Procuring agency and may not subsequently be made responsive by the Bidder by correction of the nonconformity.

19. Evaluation and Comparison of Bids

19.1 The Procuring agency will evaluate and compare the bids which have been determined to be substantially responsive.

19.2 The Procuring agency's evaluation of a bid will be on delivery to consignee's end inclusive of all taxes, stamps, duties, levies, fees and installation and integration charges imposed till the delivery location.

20. Contacting the Procuring agency

20.1 No Bidder shall contact the Procuring agency on any matter relating to its bid, from the time of the bid opening to the time of announcement of Bid Evaluation Report. If the Bidder wishes to bring additional information to the notice of the Procuring agency, it should do so in writing.

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

Award of Contract

21. Post-qualification

21.1 In the absence of prequalification, the Procuring agency may determine to its satisfaction whether that selected Bidder having submitted the lowest evaluated responsive bid is qualified to perform the contract satisfactorily.

21.2 The determination will take into account the Bidder's financial and technical capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Clause 4 as well as such other information as the Procuring agency deems necessary and appropriate.

21.3 An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder's bid, in which event the Procuring agency will proceed to the next lowest evaluated bid to make a similar determination of that

Bidder's capabilities to perform satisfactorily.

**22. Award
Criteria**

The Procuring agency 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.

**23. Procuring
agency's Right
to Accept any
Bid and to
Reject any or
All Bids**

23.1 Subject to relevant provisions of SPP Rules 2010 (updated 2013), the Procuring agency reserves the right to accept or reject any bid, and to cancel the bidding process and reject all bids at any time prior to contract award.

23.2. Pursuant to Rule 45 of SPP Rules 2010 (updated 2013), Procuring agency shall host the evaluation report on Authority's web site, and intimate to all the bidders at least 03 days prior to notify the award of contract.

**24. Notification of
Award**

24.1 Prior to the expiration of the period of bid validity, the Procuring agency shall notify the successful Bidder in writing, that its bid has been accepted.

24.2 Upon the successful Bidder's furnishing of the performance security pursuant to ITB Clause 7, the Procuring agency will promptly notify each unsuccessful Bidder and will release their bid security.

**25. Signing of
Contract**

25.1 At the same time as the Procuring agency notifies the successful Bidder that its bid has been accepted, the Procuring agency will send the Bidder the Contract Form provided in the bidding documents, incorporating all agreements between the parties.

25.2 Within the period specified in BDS, of receipt of the Contract Form, the successful Bidder shall sign, stamp and date the contract and return it to the Procuring agency.

**26. Performance
Security**

26.1 Within the period specified in BDS, of the receipt of notification of award from the Procuring agency, the successful Bidder shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the bidding documents, or in another form acceptable to the Procuring agency.

26.2 Failure of the successful Bidder to comply with the requirement of ITB Clause 11 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Procuring agency may make the award to the next lowest evaluated Bidder or call for new bids.

**27. Corrupt or
Fraudulent
Practices**

27.1 The Government of Sindh requires that Procuring agency's (including beneficiaries of donor agencies' loans), as well as Bidders/Suppliers/Contractors under Government-financed contracts,

observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the SPPRA, in accordance with the SPP Act, 2009 and Rules made there under:

- a) **“Corrupt and Fraudulent Practices”** means either one or any combination of the practices given below;
 - i. **“Coercive Practice”** means any impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;
 - ii. **“Collusive Practice”** means any arrangement between two or more parties to the procurement process or contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;
 - iii. **“Corrupt Practice”** means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;
 - iv. **“Fraudulent Practice”** means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
- (b) **“Obstructive Practice”** means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit rights provided for under the Rules.

Bid Data Sheet

The following specific data for Scientific Equipment to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

Introduction	
ITB 1	<p>Name and address of Procuring Agency:</p> <p>The Karachi Institute of Biotechnology & Genetic Engineering, (K.I.B.G.E), University of Karachi Karachi-75270.</p>
ITB 2	<p>Name of Contract. <i>Purchase of SCIENTIFIC EQUIPMENT for the Institute.</i></p>
Bid Price and Currency	
ITB 3	<p>Prices quoted by the Bidder shall be <i>“fixed” in FOR prices (in PKR).”</i> <i>(The rates shall also be quoted in Pak rupees after conversion from foreign currency).</i></p>
Preparation and Submission of Bids	
ITSB 4	<p><i>Qualification requirements:</i></p> <ol style="list-style-type: none"> 1. Authorized Agent (Valid Agency certificate required) 2. Complete Company profile 3. Valid Registration with tax authorities is required 4. Relevant experience at least Six (06) Years. 5. Audited Financial Statement of last 02 years
ITB 5	<p>Amount of Bid Security.</p> <p>2% of Bid Value</p>
ITB 6	<p>Bid Validity period.</p> <p>90 days from the date of tender opening</p>
ITB-7	<p>Performance Security</p> <p>5% of the Bid Value will be required from successful bidder.</p>
ITB 8	<p>Number of copies. One original, One copy</p>
ITB 9	<p>Deadline for bid submission. <u>May 31, 2018</u>, at 10:30 a.m.</p>

	Tender opening. <u>May 31, 2018</u> , at 11:00 a.m.
ITB 10	Bid Evaluation: Lowest evaluated bid
ITB 11	Under following conditions, Bid will be rejected: <ol style="list-style-type: none">1. Conditional and Telegraphic tenders/bids;2. Bids not accompanied by bid security (Earnest Money);3. Bids received after specified date and time;4. Bidder submitting any false information;5. Black Listed Firms by Sindh Government or any Entity of it.

Summary Sheet

TENDER NOTICE NO. KIBGE/HEC-RP(03)/SEQPT/31-05-18

The tender will liable to be rejected, if this form will not accompany the tender bid / quote

Serial No.	Make & Country of Origin	Model No. / CAT No.	Bid Value	Foreign Currency (If applicable)	Conversion Rate (If applicable)	Price in PKR

Total Bid Value in PKR		
Bid Security @ _____% in PKR		
Pay Order/Demand Draft No:		Date:

Sign & Stamp of the firm.

SCHEDULE OF REQUIREMENTS

S.No.	Description of service / goods	Quantity	Required Delivery Schedule in Days from the Date of Contract Award	Location
	Purchase / Import of Scientific Equipment	As per tender document	Within 90 days	K.I.B.G.E., University of Karachi, Karachi

Sample Forms

Date: _____

To:

The Karachi Institute of Biotechnology & Genetic Engineering (KIBGE)

University of Karachi,

Karachi-75270.

Dear Sir:

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

We undertake, if our Bid is accepted, to supply the equipment in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we will obtain the **guarantee of a bank** in a sum equivalent to **Five (5) percent** of the Contract Price/Pay order for the due performance of the Contract, in the form prescribed by the Purchaser.

We agree to abide by this Bid for a period of 90 days from the date fixed for Bid opening under Clause 6 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.

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

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

Dated this _____ day of _____ 2018 _____

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

To: *[name of Procuring agency]*

WHEREAS *[name of Supplier]* (hereinafter called “the Supplier”) has undertaken, in pursuance of Contract No. *[reference number of the contract]* dated _____ 2018 to deploy *[description of scientific equipment]* (hereinafter called “the Contract”).

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a bank guarantee by a reputable bank for the sum specified therein as security for compliance with the Supplier’s performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of *[amount of the guarantee in words and figures]*, and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limits of *[amount of guarantee]* as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the ____ day of _____ 2018 _____

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]