



**H. E. J. RESEARCH INSTITUTE OF CHEMISTRY**  
**INTERNATIONAL CENTER FOR CHEMICAL & BIOLOGICAL SCIENCES**  
University of Karachi, Karachi-75270, Pakistan



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Ref. No. NIT/CTV/HEJ/12349\_060318/0

Date: Feb-15<sup>th</sup>, 2018

**Sindh Public Procurement Regulatory Authority**

Government of Sindh,  
Block – 8, Sindh Secretariat No. 4-A,  
Court Road,  
Karachi.  
Tel + 021-99205356

Dear Sir

Subject : TENDER NOTICE NO. ICCBS/HEJ/PRF\_12349/CTV-060318

Please find enclosed herewith the original signed copy of our Tender Notice No. ICCBS/HEJ/PRF\_12349/CTV-060318 for hosting on your website, the tender is being sent to the newspapers, as the estimated cost of the tender is above Rs. 1.0 Million.

With kind regards,

Yours truly,

**PURCHASE OFFICER**

Attachment(s) :

- 1: NIT
2. Bidding Documents
3. Annual Procurement Plan
4. Notification for Complaint Redressal Committee
5. Re-Constitution of Procurement Committee
6. Advance Cheque No. 15086426 dt. 09.02.2018 of Rs. 2,000.00

SPPRA INWARD DIARY

NO : 5913

DATED : 16-2-18

INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES  
UNIVERSITY OF KARACHI  
KARACHI-75270

**TENDER NOTICE NO. ICCBS/HEJ/PRF 12349/CTV-060318**

Sealed tenders are invited from the sales tax registered firms with Sindh Revenue Board and income tax department (where applicable) for the supply and installation of "*CCTV Security Cameras with all Accessories*" on *FOR Basis* and on *Single-Stage One-Envelope* procedure basis for the Center.

The tender documents can be collected from Purchase Office of the Center, on any working day between 9.00 a.m. to 12.30 p.m., from **16-02-2018** or from the date of publication of the advertisement in the newspaper or notification of this advertisement on the websites, on payment of Rs. 300/- (non-refundable), in shape of a pay order (Demand Draft by the out of Karachi suppliers), in favor of the Director, H.E.J., or downloaded from the websites [www.iccs.edu](http://www.iccs.edu), [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk). The last date of issuing the tender documents is **05-03-2018**. The tenders can be submitted with 2% of the bid value as earnest money in shape of a pay order in favor of the Director, H.E.J, latest by 02:30 p.m. on **06-03-2018**. The tender will be opened in Meeting Room of the Center at 03:00 p.m. on the same day in presence of the bidders or their representatives. Alternate bid/option should accompany separate earnest money pay orders and bidding documents pay orders. The Procuring Agency may reject all or any bid subject to the relevant provision of SPP Rule No. 25.

For any information and detail:

**Purchase & Store Dept.**

Tel # 34819011; 111-222-292 (109, 108)

Email Add. : [store.iccs@hotmail.com](mailto:store.iccs@hotmail.com)



**DIRECTOR**

**H.E.J RESEARCH INSTITUTE OF CHEMISTRY**  
**INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES**  
**UNIVERSITY OF KARACHI**  
**KARACHI-75270**

**Contact Person: Mr. Muhammad Asif**  
*Lab No. CCTV, Intercom No. 111-222-292 (Ext. 166)*  
 University of Karachi, Karachi-75270

**Specification of CCTV Security Cameras with all Accessories in T.W.C.**

S. No	Description	Quantity
1	IP Camera 4 Megapixel 2.8mm wide angle lens 1984(H) x 1105 (V) up to 2000(H) x 1121 (V) Pixels Min. Illumination 0Lux (IR-On)	50
2	Pole Clamps for cameras (for two camera)	10
3	Pole Clamps for cameras ( for three camera)	10
4	PoE giga switch 4 port with rack	6
5	Media Converter (giga, two ports)	12 Pairs
6	Cat 6 Data Cable (3M or equivalent)	3000rft (aprox)
7	Optical Fiber Cable (Single Mode, 8 Core)	6500rft (aprox)
8	Optical Fiber Cable (Single Mode, 4 Core)	2000rft (aprox)
9	Power Cable	6500rft (aprox)
10	Fiber Joint Box	12
11	Cable Tester ( NO3NF-8108 or equivalent, Multifunctional )	1
12	Crimping tool kit (for Network and Coaxial Cables)	1
13	Fiber Optic Tools Optical Fiber Cable Splicing Machine With LCD Display Brand Name : CFO, Model Number : CFO4108	1
14	Seagate 6TB BarraCuda Pro 7200RPM SATA 6Gb/s 256MB Cache 3.5- Inch Internal Hard Drive (ST6000DM004)	10
15	Installation Testing commissioning with all good quality accessories like channel, fiber joint, patch cord, splicing, Complete Job	

**Estimated Cost: Above 1.0Million**

**NOTE:-**

1. Country of origin, make and model of each and every item must be mentioned.
2. The bidder should quote a single manufacturer based Equipment (might be Japanese, USA/American, Korean, Germany and UK brand or Equivalent).
3. Survey related to cables and other necessary item must be done before submission of the bids.
4. At least five years experience of executing project of similar size is essential for companies participating in the tender, relevant document must be submitted.
5. Only GST, SRB & NTN registered companies will be entertained.
6. Rate quoted should be valid for least 90 days.
7. Quoted price in Pak Rs. should be inclusive of GST and all other prevailing duties and taxes.
8. Earnest Money amounting 2% of total bids Value in shape of pay order have to be submitted along with quotation, success full bidder will submit 5% as performance guarantee.
9. Minimum 2 years replacement warranty for all equipments and cameras should be required.
10. SPP Rules as well as General conditions mentioned at the website of ICCBS for procurement should be obeyed.

## **Instructions to bidders**

### **Preparation of Bids**

- 1. Scope of Work**      The, I.C.C.B.S., plans to develop / acquire a comprehensive integrated solution for all the functional needs and requirements of *CCTV Security Cameras with all Accessories*, as described in later pages.
- 2. Method and procedure of Procurement**      National Competitive Bidding **Single-Stage One-Envelope Procedure** as per SPP Rules 2010 (updated 2017)

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 the English language
- 2. Language of 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.
- 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 "fixed" and in Pak Rupees (in case of FOR price)
- 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 Pak Rupees (in case of FOR basis) or equivalent to Pak rupees in case when the prices are being quoted on C&F basis.
- 7. Documents Establishing Bidder's**      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.

## **Eligibility and Qualification**

- (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.

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 on detailed description of the essential technical and performance characteristics of the systems.

## **8. Documents' Eligibility and Conformity to Bidding Documents**

### **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 (updated 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 the number of copies 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 03:00 P.M. on 06-03-2018.**"
- 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 7 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 2017), the Procuring agency 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.
- 23.2 Pursuant to Rule 45 of SPP Rules 2010 (updated 2017), Procuring agency shall hoist the evaluation report on Authority's web site, and intimate to all the bidders seven 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 26, 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 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 25 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;
- a. **"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;
- b. **"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;

- c. **“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;
  
- d. **“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 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.

<b>Introduction</b>	
<b>ITB 1</b>	<b>Name and address of Procuring Agency:</b> HEJ Research Institute of Chemistry, International Center for Chemical and Biological Sciences, University of Karachi Karachi-75270.
<b>ITB 1</b>	<b>Name of Contract.</b> <i>Supply and Installation of "CCTV Security Cameras with all Accessories" for the Center.</i>
<b>Bid Price and Currency</b>	
<b>ITB 4</b>	Prices quoted by the Bidder shall be <i>"fixed" and in FOR prices</i> .
<b>Preparation and Submission of Bids</b>	
<b>ITSB 19</b>	<b>Qualification requirements:</b> <ol style="list-style-type: none"><li>1. Complete Company profile</li><li>2. Valid Registration with tax authorities is required</li><li>3. Relevant experience at least Six (06) Months.</li><li>4. Rs. 100,000.00 Turn-over of at least last three years</li></ol>
<b>ITB 7</b>	<b>Amount of bid security.</b> 2 % of Bid
<b>ITB 8</b>	<b>Bid validity period.</b> 90 days
<b>ITB-9</b>	<b>Performance Guarantee</b> 5% of the P.O. Value

ITB 10	<b>Number of copies.</b> One original One copy
ITB 11	
ITB 19.1 ITB 19.2	<p><b>Deadline for bid submission.</b> 06-03-2018 at 02:30 p.m.</p> <p><b>Bid Opening Date:</b> 06-03-2018 at 03:00 p.m.</p> <p><b>Note:</b> In case of Holiday or any unavoidable circumstances on the day of bid submission / opening, the tender will be submitted / opened on the next working day at the same time.</p>
ITB 20	<b>Bid Evaluation:</b> Lowest evaluated bid
	<p><b>Under following conditions, Bid will be rejected:</b></p> <ol style="list-style-type: none"> <li>1. Conditional and Telegraphic tenders/bids;</li> <li>2. Bids not accompanied by bid security (Earnest Money);</li> <li>3. Bids received after specified date and time;</li> <li>4. Bidder submitting any false information;</li> <li>5. Black Listed Firms by Sindh Government or any Entity of it</li> <li>6. The tender will liable to be rejected, if this Summery sheet utterly filled does not accompany the tender bid / quote.</li> </ol>

## Summary Sheet

### TENDER NOTICE NO. ICCBS/HEJ/PRF 12349/CTV-060318

The tender will liable to be rejected, if this Summary sheet utterly filled does not accompany the tender bid / quote.

Serial No. with Item's Name	Make & Country of Origin	Model No. / CAT No.	Bid Value	Foreign Currency(If applicable)	Conversion Rate (If applicable)	Price in PKR	Warranty Period	Freight Charges(If applicable)

Bid Value in PKR		
GST applicable in PKR		
SRB applicable in PKR		
Total Bid Value in PKR		
Earnest Money @ 2% of Total Bid Value in PKR		
Pay Order/ Demand Draft No:		Date:
Signature:	Seal:	

*Note: Delivery time for items quoted in FOR is Five (5) weeks and C&F is Twelve (12) weeks. This condition over rules any excessive delivery time mentioned in the bid.*

*The soft copy of this summary sheet is available on:  
URL Address: [goo.gl/eZJAex](http://goo.gl/eZJAex)*

**SCHEDULE OF REQUIREMENTS**

<b>S. No.</b>	<b>Description of service / goods</b>	<b>Quantity</b>	<b>Required Delivery Schedule in Days from the Date of Contract Award</b>	<b>Location</b>
1	Supply and Installation of CCTV Cameras	As per tender Specifications	05 weeks on FOR order	I.C.C.B.S., Karachi



**Sample Forms**

Date: \_\_\_\_\_

To:

International Center for Chemical and Biological Sciences  
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 system 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 develop the system 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 90days from the date fixed for Bid opening under Clause 16 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 goods and services]* (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]*

**H.E.J. RESEARCH INSTITUTE OF CHEMISTRY  
THIRD WORLD CENTER FOR CHEMICAL SCIENCES  
DR. PANJWANI CENTER FOR MOELCULAR MEDICINE AND DRUG RESEARCH  
( INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES )  
UNIVERSITY OF KARACHI**

**NOTICE**

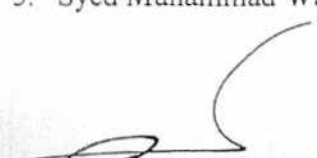
This is for the information of all concerned that the composition of the ICCBS "Procurement Committee" is being reconstituted due to a change in one of the External Members. Members of the reconstituted committee are as follows:

**Internal (International Center for Chemical and Biological Sciences)**

1. Prof. Dr. M. Shaiq Ali (Chairman)
2. Prof. Dr. Farzana Shaheen (Member)
3. Dr. Hafizur Rehman (Member)

**External**

4. Syed Jehnazeab, Manager Finance (Institute of Business Administration)
5. Syed Muhammad Wajeeh Zaidi, Manager IT (Institute of Business Administration)

  
**PROF. DR. M. SHAIQ ALI, T.I.**  
*Director (Acting)*

**COPY TO:-**

1. Prof. Dr. M. Shaiq Ali
2. Prof. Dr. Farzana Shaheen
3. Dr. Hafizur Rehman
4. Dr. Shakeel Ahmed (IAC)
5. Mr. Javaid Riaz
6. Accounts Section (HEJ, TWC, PCMD)
7. Mr. Haris Qureshi
8. Mr. Umair Waqar
9. Ms. Sadia Jabeen Asim
10. Mr. Anis Ur Rab Siddiqui
11. ICCBS Library In-charge


INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES

UNIVERSITY OF KARACHI

NOTIFICATION FOR COMPLAINT REDRESSAL COMMITTEE

In compliance of the Rule#31 of prevailing Sindh Public Procurement Rules 2010 (Amended 2013), the International Center for Chemical and Biological Sciences (University of Karachi) constitutes the Institutional "Complaint Redressal Committee" to address the complaints of bidders that may occur during the procurement proceedings. The composition of the said Committee is given as under:

- Sr. Prof. Dr. Khalid M. Khan (Convener)
- Representative of Accountant General Sindh (Member)
- An independent professional (Member)
- End User (by invitation, non signatory)
- SPPRA Audit Advisor (by invitation, non signatory)

  
PROF. DR. M. IQBAL CHOUDHARY  
Director

**INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES  
UNIVERSITY OF KARACHI  
KARACHI-75270  
ANNUAL PROCUREMENT PLAN**

(WORKS, GOODS & SERVICES)

Financial Year 2017-18

S.No.	Description of procurement	Quantity (where applicable)	Estimated unit cost (where applicable)	Estimated total cost	Funds allocated	Source of funds (ADP/Non ADP)	Proposed procurement method	Timing of procurements			
								1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr
1.	Purchase of Cluster Server System	1 No.	Rs. 850,000/	Rs. 850,000/	Rs. 850,000/	PCMD	Single-stage single envelope (website)	/			
2.	Supply and Installation of Fan Coil Unit	3 Nos.	Rs. 900,000/	Rs. 900,000/	Rs. 900,000/	PCMD	Single-stage single envelope (website)	/			
3.	Supply of Benchtop Centrifuge	1 No.	Rs. 900,000/	Rs. 900,000/	Rs. 900,000/	PCMD	Single-stage single envelope (website)	/			
4.	Supply of Class II Biological Safety Cabinet	1 No.	Rs. 700,000/	Rs. 700,000/	Rs. 700,000/	PCMD	Single-stage single envelope (website)	/			



5.	Supply of Chemicals	3 Nos.	Rs. 500,000/	Rs. 500,000/	Rs. 500,000/	PCMD	Single-stage single envelope (website)	/			
6.	Purchase of Steam Sterilizer	01 No.	Rs. 5.5 million	Rs. 5.5 million	Rs. 5.5 million	HEJ	Single-stage single envelope (news paper/website)	/			
7.	Supply of Lab Equipments	2 Nos.	Rs. 250,000/	Rs. 250,000/	Rs. 250,000/	HEJ	Single-stage single envelope (website)	/			
8.	Supply of Equipments	2 Nos.	Rs. 700,000/	Rs. 700,000/	Rs. 700,000/	HEJ	Single-stage single envelope (website)	/			
9.	Supply of Chemicals	30 Nos.	Rs. 1.5 million	Rs. 1.5 million	Rs. 1.5 million	TWC	Single-stage single envelope (news paper/website)	/			
10.	Supply Body composition Analyzer	01 No.	Rs. 9 million	Rs. 9 million	Rs. 9 million	HEJ	Single-stage single envelope (news paper/website)			/	
11.	Supply of Chemicals (a chymotrypsin,...)	41 Nos.	Rs. 990,000/-	Rs. 990,000/-	Rs. 990,000/-	HEJ	Single-stage single envelope (website)		/		
12.	Supply of	02 Nos.	Rs. 600,000/-	Rs. 600,000/-	Rs. 600,000/-	HEJ	Single-stage single envelope	/			

	Chemicals						(website)				
13.	Supply of Chemicals	02 Nos.	Rs. 400,000/-	Rs. 400,000/-	Rs. 400,000/-	HEJ	Single-stage single envelope (website)	/			
14.	Purchase of Chemicals and Equipments	68 Nos.	Rs. 995,000/-	Rs. 995,000/-	Rs. 995,000/-	HEJ	Single-stage single envelope (website)	/			
15.	Purchase of Chemicals	01 No.	Rs. 500,000/-	Rs. 500,000/-	Rs. 500,000/-	HEJ	Single-stage single envelope (website)	/			
16.	Supply and installation of Gas fired Generator with Control Panel	01 No.	Rs. 11 million	Rs. 11 million	Rs. 11 million	TWC	Single-stage single envelope (news paper/website)	/			
17.	Purchase of Chemicals	01 No.	Rs. 990,000/-	Rs. 990,000/-	Rs. 990,000/-	HEJ	Single-stage single envelope (website)	/			
18.	Purchase of Chemicals	01 No.	Rs. 500,000/-	Rs. 500,000/-	Rs. 500,000/-	TWC	Single-stage single envelope (website)	/			
19.	Purchase/Import of Solvents	02 Nos.	Rs. 350,000/-	Rs. 350,000/-	Rs. 350,000/-	HEJ	Single-stage single envelope (website)	/			
20.	Purchase of Computer / Accessories	02 Nos.	Rs. 615,000/-	Rs. 615,000/-	Rs. 615,000/-	HEJ	Single-stage single envelope (website)	/			

21.	Purchase of Chemicals	69 Nos.	Rs. 990,000/-	Rs. 990,000/-	Rs. 990,000/-	HEJ	Single-stage single envelope (website)	/			
22.	Services required for Strengthening Financial Management leading to ERP implementation	01 No.	Rs. 10 million	Rs. 10 million	Rs. 10 million	ICCBS	Quality and Cost Based Selection Method (news paper/website)	/			
23.	Purchase of DC Inverter AC	25 Nos.	Rs. 2 million	Rs. 2 million	Rs. 2 million	HEJ	Single-stage single envelope (news paper/website)	/			
24.	Purchase of Equipment	05 Nos.	Rs. 200,000/-	Rs. 200,000/-	Rs. 200,000/-	HEJ	Single-stage single envelope (website)	/			
25	Purchase of GPU Server	01 No.	Rs. 450,000/-	Rs. 450,000/-	Rs. 450,000/-	PCMD	Single-stage single envelope (website)	/			
26	Purchase of Scientific Equipments and Laboratory Supplies	02 Nos.	Rs. 1.25 million	Rs. 1.25 million	Rs. 1.25 million	PCMD	Single-stage single envelope (news paper/website)	/			
27	Paint and other renovation work	01 No.	Rs. 2.2 million	Rs. 2.2 million	Rs. 2.2 million	HEJ	Single-stage single envelope (news	/			





							paper/website)				
28	Purchase of Chemicals	63 Nos.	Rs. 990,000/-	Rs. 990,000/-	Rs. 990,000/-	HEJ	Single-stage single envelope (website)	/			
29	Supply and Installation of Equipments	04 Nos.	Rs. 12 million	Rs. 12 million	Rs. 12 million	HEJ	Single-stage single envelope (news paper/website)	/			
30	Purchase of Chemicals	30 Nos.	Rs. 1.6 million	Rs. 1.6 million	Rs. 1.6 million	TWC	Single-stage single envelope (news paper/website)	/			
31	Purchase / Import of Machinery / Equipments	02 Nos.	Rs. 24 million	Rs. 24 million	Rs. 24 million	HEJ	Single-stage single envelope (news paper/website)	/			
32	Purchase of Chemicals and Equipments	68 Nos.	Rs. 995,000/-	Rs. 995,000/-	Rs. 995,000/-	HEJ	Single-stage single envelope (website)	/			
33	Purchase / Import of Lab Equipments	02 Nos.	Rs. 250,000/-	Rs. 250,000/-	Rs. 250,000/-	HEJ	Single-stage single envelope (website)	/			
34	Purchase of Chemicals	02 Nos.	Rs. 400,000/-	Rs. 400,000/-	Rs. 400,000/-	HEJ	Single-stage single envelope (website)	/			
35	Purchase of	01 No.	Rs. 650,000/-	Rs. 650,000/-	Rs. 650,000/-	HEJ	Single-stage single envelope	/			

	Chemicals						(website)				
36	Purchase of Chemicals (Liquid Nitrogen Dewars)	02 Nos.	Rs. 950,000/-	Rs. 950,000/-	Rs. 950,000/-	HEJ	Single-stage single envelope (website)			/	
37	Purchase of Chemicals	03 Nos.	Rs. 900,000/-	Rs. 900,000/-	Rs. 900,000/-	HEJ	Single-stage single envelope (website)	/			
38	Purchase of Equipments	06 Nos.	Rs. 9 million	Rs. 9 million	Rs. 9 million	HEJ	Single-stage single envelope (news paper/website)	/			
39	Purchase / Import of Machinery / Equipments	10 Nos.	Rs. 19 million	Rs. 19 million	Rs. 19 million	HEJ	Single-stage single envelope (news paper/website)	/			
40	Purchase of Equipments	01 No.	Rs. 5.3 million	Rs. 5.3 million	Rs. 5.3 million	HEJ	Single-stage single envelope (news paper/website)	/			
41	Purchase of Chemicals	01 No.	Rs. 500,000/-	Rs. 500,000/-	Rs. 500,000/-	TWC	Single-stage single envelope (website)	/			
42	Construction of Girls Hostel	01 No.	Rs. 75 million	Rs. 75 million	Rs. 75 million	TWC	Single-stage single envelope (news paper/website)	/			



43	Security Services required	01 No.	Rs. 13.5 million	Rs. 13.5 million	Rs. 13.5 million	HEJ	Single-stage single envelope (news paper/website)	/		
44	Purchase of Safety Equipments	05 Nos.	Rs. 200,000/-	Rs. 200,000/-	Rs. 200,000/-	HEJ	Single-stage single envelope (news paper/website)	/		
45	Purchase of Scientific Equipment	01 No.	Rs. 600,000/-	Rs. 600,000/-	Rs. 600,000/-	PCMD	Single-stage single envelope (website)	/		
46	Consultancy for Detailed design and supervision of the Laboratory building under the project "Establishment of National Facility for Laboratory Animal research and care at PCMD"	01 No.	Rs. 5 million	Rs. 5 million	Rs. 5 million	PCMD	QCBM (news paper/website)	/		
47	Supply of Scientific Equipments	02 Nos.	Rs. 2 million	Rs. 2 million	Rs. 2 million	PCMD	Single-stage single envelope (news paper/website)	/		
48	Supply of Scientific Equipments	06 Nos.	Rs. 25 million	Rs. 25 million	Rs. 25 million	PCMD	Single-stage single envelope (news	/		



							paper/website)				
49	Supply of Chemicals	01 No.	Rs. 500,000/-	Rs. 500,000/-	Rs. 500,000/-	HEJ	Single-stage single envelope (website)		/		
50	Supply of Chemicals	01 No.	Rs. 500,000/-	Rs. 500,000/-	Rs. 500,000/-	HEJ	Single-stage single envelope (website)		/		
51	Purchase of Electrical Industrial Flour Dough mixer	01 No.	Rs. 360,000/-	Rs. 360,000/-	Rs. 360,000/-	HEJ	Single-stage single envelope (website)		/		
52	Purchase/Import of Chemicals	02 Nos.	Rs. 2.5 million	Rs. 2.5 million	Rs. 2.5 million	HEJ	Single-stage single envelope (news paper/website)		/		
53	Purchase of Chemicals	69 Nos.	Rs. 990,000/-	Rs. 990,000/-	Rs. 990,000/-	HEJ	Single-stage single envelope (website)		/		
54	Purchase of Chemicals	05 No.	Rs. 805,000/-	Rs. 805,000/-	Rs. 805,000/-	HEJ	Single-stage single envelope (website)		/		
55	Purchase of Computer Workstation	01 No.	Rs. 900,000/-	Rs. 900,000/-	Rs. 900,000/-	HEJ	Single-stage single envelope (website)			/	
56	Construction of overhead water tank	01 No.	Rs13.5 million	Rs13.5 million	Rs13.5 million	HEJ	Single-stage single envelope (news		/		



							paper/website)				
57	Supply of Equipments	03 Nos.	Rs 2 million	Rs 2 million	Rs 2 million	HEJ	Single-stage single envelope (news paper/website)	/			
58	Supply of -80 c freezer	01 No.	Rs 850,000/-	Rs 850,000/-	Rs 850,000/-	HEJ	Single-stage single envelope (website)	/			
59	Supply and installation of NMR Consoles	03 Nos.	Rs 8 million	Rs 8 million	Rs 8 million	HEJ	Single-stage single envelope (news paper/website)	/			
60	Service and maintenance of CCTV System	01 No.	Rs 900,000/-	Rs 900,000/-	Rs 900,000/-	HEJ	Single-stage single envelope (news paper/website)		/		
61	Purchase of refrigerated centrifuge	01 No.	Rs 500,000/-	Rs 500,000/-	Rs 500,000/-	PCMD	Single-stage single envelope (website)	/			
62	Purchase / Import of Machinery / Equipment	02 Nos.	Rs 5 million	Rs 5 million	Rs 5 million	HEJ	Single-stage single envelope (news paper/website)	/			
63	Purchase / Import of Machinery / Equipment	02 Nos.	Rs 11 million	Rs 11 million	Rs 11 million	HEJ	Single-stage single envelope (news paper/website)	/			



64	Purchase / Import of Machinery / Equipment	02 Nos.	Rs. 250,000/-	Rs. 250,000/-	Rs. 250,000/-	HEJ	Single-stage single envelope (website)		/		
65	Purchase of Chemicals	03 Nos.	Rs. 900,000/-	Rs. 900,000/-	Rs. 900,000/-	HEJ	Single-stage single envelope (website)		/		
66	Purchase of GPU based server	01 No.	Rs. 2.2 million	Rs. 2.2 million	Rs. 2.2 million	HEJ	Single-stage single envelope (news paper/website)		/		
67	Purchase of UV-VIS Spectrophotometer	01 No.	Rs. 1.5 million	Rs. 1.5 million	Rs. 1.5 million	HEJ	Single-stage single envelope (news paper/website)			/	
68	Purchase of different capillary columns	05 Nos.	Rs. 600,000/-	Rs. 600,000/-	Rs. 600,000/-	HEJ	Single-stage single envelope (website)			/	
69	Purchase of Air conditioners	03 Nos. (64 units)	Rs. 5 million	Rs. 5 million	Rs. 5 million	HEJ (Project)	Single-stage single envelope (news paper/website)		/		
70	Supply, installation of furniture/fixture for incubate building	01 No.	Rs. 13.5 million	Rs. 13.5 million	Rs. 13.5 million	HEJ (Project)	Single-stage single envelope (news paper/website)		/		
71	Supply of various columns	04 Nos.	Rs. 300,000/-	Rs. 300,000/-	Rs. 300,000/-	HEJ	Single-stage single envelope		/		

							(website)				
72	Supply of various chemicals (CMP-N-acetyneuraminic acid sodium salt...)	30 Nos.	Rs. 1.5 million	Rs. 1.5 million	Rs. 1.5 million	TWC	Single-stage single envelope (news paper/website)		/		
73	Purchase of Flake Ice Maker	01 No.	Rs. 250,000/-	Rs. 250,000/-	Rs. 250,000/-	PCMD	Single-stage single envelope (website)			/	
74	Purchase of Equipments (Dual Bank Vacuum manifold etc..)	03 No.	Rs. 560,000/-	Rs. 560,000/-	Rs. 560,000/-	HEJ	Single-stage single envelope (website)		/		
75	Fire Extinguishers required	05x20 Nos.	Rs. 200,000/-	Rs. 200,000/-	Rs. 200,000/-	HEJ	Single-stage single envelope (website)		/		
75	Fire Extinguishers required	05x20 Nos.	Rs. 200,000/-	Rs. 200,000/-	Rs. 200,000/-	HEJ	Single-stage single envelope (website)		/		
76	UV / Visible Spectrophotometer and Thermal Cyclor required	02 Nos.	Rs. 1.6 million	Rs. 1.6 million	Rs. 1.6 million	TWC	Single-stage single envelope (news paper/website)		/		
77	Purchase of various chemicals (Fullerene C <sub>60</sub> .....)	23 Nos.	Rs. 300,000/-	Rs. 300,000/-	Rs. 300,000/-	HEJ	Single-stage single envelope (website)		/		
78	Purchase of various equipments (HPLC	08 Nos.	Rs. 680,000/-	Rs. 680,000/-	Rs. 680,000/-	HEJ	Single-stage single envelope			/	

	column oven.....)						(website)				
79	Purchase of Garden accessories (sprinklers, hedge shears....)	11 Nos.	Rs. 800,000/-	Rs. 800,000/-	Rs. 800,000/-	PCMD	Single-stage single envelope (website)		/		
80	Purchase of Ependorf MiniSpin, Thermostat and SmartBlock	3 Nos.	Rs. 600,000/-	Rs. 600,000/-	Rs. 600,000/-	HEJ	Single-stage single envelope (website)		/		
81	Purchase of Various General Items, Computer Accessories and Stationery Items	119 Nos.	Rs. 5.8 million	Rs. 5.8 million	Rs. 5.8 million	HEJ	Single-stage single envelope (news paper/website)		/		
82	Purchase of Various General Items, Computer Accessories and Stationery Items	119 Nos.	Rs. 5.8 million	Rs. 5.8 million	Rs. 5.8 million	TWC	Single-stage single envelope (news paper/website)		/		
83	Purchase of 60 KVA UPS	01 No.	Rs. 2 million	Rs. 2 million	Rs. 2 million	HEJ	Single-stage single envelope (news paper/website)		/		
84	Purchase of Casting Machine	01 No.	Rs. 550,000/-	Rs. 550,000/-	Rs. 550,000/-	HEJ	Single-stage single envelope (website)		/		
85	Redevelopment /	01 No.	Rs. 800,000/-	Rs. 800,000/-	Rs. 800,000/-	HEJ	Single-stage			/	



	Redesign of website						single envelope (website)				
86	Purchase / Import of TEM, STEM, SEM, ED	01 No.	Rs. 22 million	Rs. 22 million	Rs. 22 million	HEJ	Single-stage single envelope (news paper/website)	/			
87	Purchase of Electrical Cables	02 Nos.	Rs. 2 million	Rs. 2 million	Rs. 2 million	HEJ	Single-stage single envelope (news paper/website)	/			
88	Purchase of Workstation GPU	01 No.	Rs. 600,000/-	Rs. 600,000/-	Rs. 600,000/-	TWC	Single-stage single envelope (website)	/			
89	Purchase of Cytidine-5-diphosphate, EN300-72286,.....	07 Nos.	Rs. 450,000/-	Rs. 450,000/-	Rs. 450,000/-	TWC	Single-stage single envelope (website)	/			
90	EOI leading to RFP for complete solar power generation units for ICCBS	01 No.	Rs. 20 million	Rs. 20 million	Rs. 20 million	HEJ	QCBS (news paper/website)	/			
91	Purchase of Mult. Aff. Rem. Spin cartr.	01 No.	Rs. 150,000/-	Rs. 150,000/-	Rs. 150,000/-	HEJ	Single-stage single envelope (website)	/			
92	Purchase of Eliza Micro Plate Reader, Chemistry	03 Nos.	Rs. 7 million	Rs. 7 million	Rs. 7 million	HEJ	Single-stage single envelope (news	/			



	Analyzer.....						paper/website)				
93	Purchase of Module Model Quaternary Pump and Evaporative Light scattering detector	02 Nos.	Rs. 4.1 million	Rs. 4.1 million	Rs. 4.1 million	HEJ	Single-stage single envelope (news paper/website)			/	
94	Purchase of Analytical Weighing balance	01 No.	Rs. 200,000/-	Rs. 200,000/-	Rs. 200,000/-	PCMD	Single-stage single envelope (website)			/	
95	Purchase of Ethyl Acetate, Methanol, .....	05 Nos.	Rs. 5 million	Rs. 5 million	Rs. 5 million	HEJ	Single-stage single envelope (news paper/website)			/	
96	Purchase of Ethanol and Acetone	02 Nos.	Rs. 2 million	Rs. 2 million	Rs. 2 million	TWC	Single-stage single envelope (news paper/website)			/	
97	Purchase of Magnetic Stirrer with Plate	01 No.	Rs. 500,000/-	Rs. 500,000/-	Rs. 500,000/-	HEJ	Single-stage single envelope (website)			/	
98	Purchase of TSKgel G3000SW HPLC Column, Transferrin, ...	04 Nos.	Rs. 550,000/-	Rs. 550,000/-	Rs. 550,000/-	HEJ	Single-stage single envelope (website)			/	
99	Vehicle Maintenance	01 No.	Rs. 550,000/-	Rs. 550,000/-	Rs. 550,000/-	HEJ	Single-stage single envelope			/	



							(website)				
100	Purchase of Desktop PC's	1x03 Nos.	Rs. 350,000/-	Rs. 350,000/-	Rs. 350,000/-	HEJ	Single-stage single envelope (website)			/	
101	Purchase of Mult. Aff. Rem. Spin Cartr .....	05 Nos.	Rs. 550,000/-	Rs. 550,000/-	Rs. 550,000/-	HEJ	Single-stage single envelope (website)			/	
102	Operation and Maintenance of Centralized Air Conditioning	01 No.	Rs. 1.8 million	Rs. 1.8 million	Rs. 1.8 million	PCMD	Single-stage single envelope (news paper/website)			/	
103	Supply of PTM Scan Phosphotyrosine Mouse MAb (P-Tyr-100)	01 No.	Rs. 250,000/-	Rs. 250,000/-	Rs. 250,000/-	PCMD	Single-stage single envelope (website)			/	
104	Purchase of Nano DSC and DSA Auto Differential Scanning Calorimeter	01 No.	Rs. 10 million	Rs. 10 million	Rs. 10 million	HEJ	Single-stage single envelope (news paper/website)			/	
105	Purchase of Diesel Generator	01 No.	Rs. 3.5million	Rs. 3.5 million	Rs. 3.5 million	HEJ	Single-stage single envelope (news paper/website)			/	
105	Purchase of FITC Annexin V Apoptosis .....	03 No.	Rs. 600,000/-	Rs. 600,000/-	Rs. 600,000/-	TWC	Single-stage single envelope (website)			/	



106	Purchase of Ependorf MiniSpin	1 No.	Rs. 300,000/-	Rs. 300,000/-	Rs. 300,000/-	HEJ	Single-stage single envelope (website)			/	
107	Purchase of Split AC and accessories	10 Nos.	Rs. 400,000/-	Rs. 400,000/-	Rs. 400,000/-	HEJ	Single-stage single envelope (website)			/	
108	Purchase of Electronic Balance, Dessicator Cabinet Units, ....	8 Nos.	Rs. 15 million	Rs. 15 million	Rs. 15 million	HEJ	Single-stage single envelope (news paper/website)			/	
109	Purchase of Chemicals (Benzotriazol-1-.....)	31 Nos.	Rs. 910,000/-	Rs. 910,000/-	Rs. 910,000/-	TWC	Single-stage single envelope (website)			/	
110	Purchase of Chemistry Analyzer	01 No.	Rs. 6 million	Rs. 6 million	Rs. 6 million	HEJ	Single-stage single envelope (news paper/website)			/	
111	Purchase of Genetic Analyzer	01 No.	Rs. 15 million	Rs. 15 million	Rs. 15 million	PCMD	Single-stage single envelope (news paper/website)			/	
112	Supply and Installation of Security Cameras	15 Nos.	Rs. 3 million	Rs. 3 million	Rs. 3 million	HEJ	Single-stage single envelope (news paper/website)			/	
113	Purchase of CO <sub>2</sub>	01 No.	Rs. 300,000/-	Rs. 300,000/-	Rs. 300,000/-	TWC	Single-stage			/	



