

No FIR registered for illegal cut on drain-feeder dyke

By Our Staff Correspondent

HYDERABAD: Jamshoro police have not yet registered FIR of the irrigation department regarding an illegal cut in Rabi Nagar 1 feeder at PO-11 to dispose of water from the FICCI drainage sub-station as it is not a public place as per the department's 24 hours log.

The arrangement where the flow of water is common between a pond of HICO-4 and PO-11 Feeder. The application was submitted by Mr. Karim Khan, assistant executive engineer of Jamshoro sub-division. He informed the SDO in Jamshoro police station that some individuals unlawfully made an illegal cut in PO-11 of the feeder in order to divert canal water into the drain.

The official mentioned names of Sub-Engineer, Jamshoro, Engineer and others who were responsible for the cut. He requested the SDO to lodge an FIR against them and initiate legal proceedings as per law. Agri. Asst. A. Q. M. Engineer was not interested in the registration of the FIR against the culprits.

Despite submission of the application on Monday by the A.E.N, the case was not lodged. When contacted, Executive Engineer Mr. Mohammad Chohan told SDO that the SDO needed permission from the SDO to file a complaint. He said that the SDO will file a complaint only if the SDO is not satisfied with the report.

The cut of the drain, allegedly by local residents and some people of the Municipal Committee, Jamshoro in order to regulate water in the pond where the level of drainage and water had increased. Water was overflowing from the embankment located around the pond.

Three beneficiaries were said to be illegal in nature. According to Jamshoro, Deputy Commissioner (Drainage) G. S. Work on the FICCI cut remained suspended.

The cut of the drain is an important pond of the HICO-4 was closed by irrigation officials on Monday so that drainage water could not enter Rabi Nagar Upper or PO-11. Rabi Nagar upper had water in Rabi Nagar Lake in Thatta.

The water level was rising rapidly. The water was overflowing from the drain. The water was overflowing from the drain. The water was overflowing from the drain.

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Fresh studies trace Mohenjo Daro's urban roots to 3300 BC

Radiocarbon dating of objects done in US, excavation reveals more facts, says expert

By A.S. Khatun

LARKANA: Recent excavations and new radiocarbon dating confirm an earlier urban occupation at Mohenjo Daro during the Kot Diji Phase, circa 3300 BC, a move by National Council of Educational Research and Training (NCERT) of the National Fund for Mohenjo Daro (NFMD) has disclosed in Larkana.

New excavations on the plain level to the west of the famous Harappan Mohenjo Daro have provided first new radiocarbon dates for a massive mud brick partition wall of the city.

Dr. Mortimer Wheeler had first discovered the site in 1922, but considered it as a settlement or 'proto-urban' site. The recent archaeological investigations were carried out at Mohenjo Daro under the direction of the NFMD after a lapse of more than 100 years. A Joint Mission of the Directorate General of Archaeology and Anthropology, Delhi, and the South Expedition and Adventure Society (SEAS), Pakistan, carried out the excavation during the summer of 2022, and winter of 2023-24.

The project was led by leading Pakistani Archaeologist, Dr. Amara Sherani and Prof. Landon Roth, with Prof. Jonathan Mark Kenoyer, University of Wisconsin, Madison, US, and a team of Indian and Pakistani team members. Dr. Amara Sherani, who conducted the excavations, said that the recent findings showed that radiocarbon dating of the material recovered during the excavations had been at Mohenjo Daro along with other members of the excavations during the excavations. The new radiocarbon dating facility is not available in Pakistan, so it was carried out in the US. It was the second phase of the excavation at the site, she added.

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US archaeologist Dr. Jonathan Mark Kenoyer along with other experts at the Mohenjo Daro excavation site. —File photo

well built city wall that surrounded the western Ridge. Mortimer Wheeler's 1930 excavations and drawings show that this wall was built in more than one phase and the earliest structure was built on top of an earlier, earlier structure. Despite all the excavations, the excavations have not been able to trace the earlier structure and date the construction of the multiple phases of the mud brick city wall.

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around 2500-2600 BCE, approximately 100 years before the beginning of the Harappan Phase.

Kenoyer's previous excavations had shown that the presence of a substantial Early Harappan occupation before the first city wall was constructed. These findings corresponded with the findings from excavations at the site of Harappa, Pakistan, which also has an Early Harappan, Kot Diji Phase occupation and city wall dating to around 3300-3200 BCE.

Prof. Kenoyer and other members from the Indian and Pakistani teams have been excavating the mud brick city wall at Mohenjo Daro since 2019-2020 BCE.

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more excavations during the Harappan Phase, beginning around 2600 BCE. The walls were supported and reinforced until around 2200 BCE, and after that time, the walls were built on top of the earlier walls. The walls were built on top of the earlier walls. The walls were built on top of the earlier walls.

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PPP buried all conspiracies against Sindh integrity: Khuhro

Says recruitment process started after delays caused by MQM-F

By Our Correspondent

LARKANA: Pakistan Peoples Party (PPP) Sindh Provincial Minister Ahsan Ali Khuhro has said that his party has effectively buried all conspiracies against integrity of the province.

He has requested the recruitment process started after delays caused by MQM-F.

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KE told to pay Rs50.6m to heirs of two men

Continued from Page 11

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INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES
H.E.J. RESEARCH INSTITUTE OF CHEMISTRY
DR. PARVIZAH CENTER FOR MOLECULAR RESEARCH & DRUGS RESEARCH
 UNIVERSITY OF KARACHI, KARACHI-75210

Tender Schedule: Date and Time

Serial Number	Tender Number	Date	Time
20	2025	14.04.2025	11:30 AM
13	2025	14.04.2025	12:00 Noon

PREQUALIFICATION OF SUPPLY & INSTALLATION OF WALK-THROUGH GATES AND UNDER-VEHICLE SURVEILLANCE SYSTEM AT FINANCE & TRADE CENTER, KARACHI

Karachi Water & Sewerage Corporation
 OFFICE OF THE PROCUREMENT COMMITTEE
 (GENERAL & MAINTENANCE WORKS)
 Road 2, Plot 70, T-9, Block C, Annex Station #2, East West
CORRIDOR NO. 2
 Phone No. 33000000/33000011

PREQUALIFICATION OF SUPPLY & INSTALLATION OF WALK-THROUGH GATES AND UNDER-VEHICLE SURVEILLANCE SYSTEM AT FINANCE & TRADE CENTER, KARACHI

Researcher Dr Ehsan Danish' stories launched

Dr. Ehsan Danish, a researcher at the University of Karachi, has launched his stories. The stories are a collection of his research findings and are available in Urdu and English.

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UNIVERSITY OF KARACHI
KARACHI-75270.**

TENDER NOTICE NO: ICCBS-HEJ-PRF-16674-140426.

Sealed tenders are invited from EPADS Vendors/Suppliers, registered with the Sindh Revenue Board and income tax department (where applicable) through EPADS (E-Pak Acquisition and Disposal System) for **“Purchase of Scientific Equipment”** for the project entitled **“Up-gradation/Operation of CPQL and FPTRL at the Department of Plant Protection, Karachi by HEJRIC, ICCBS”** on the **FOR Basis** on **Single Stage One Envelop** procedure for the Center.

Tender Schedule: Date and Time			
Tender Issuance From	Tender Issuance Till	Tender Submission	Tender Opening
30-March-2026.	13-April-2026.	14-April-2026. 11:30 A.M. Through EPADS	14-April-2026. 12:00 Noon Through EPADS

Bidding documents can be obtained or downloaded from EPADS (www.portalsindh.eprocure.gov.pk) or ICCBS websites (www.iccs.edu). Bidding documents (signed & Stamped) along with earnest money must be submitted through EPADS as per the above schedule. The Original Bid Security Pay Order must reach the Purchase Department ICCBS before the deadline for submission of bids

The tender fee of Rs. 1,000/- (non-refundable) must be deposited in United Bank Limited Account No. **1146-291497301** entitled **"International Center for Chemical and Biological Sciences Tender Account"**. The original Deposit Slip / Online Deposit Receipt must be submitted along with the bid.

Earnest Money equivalent to 2% of the bid value must be submitted in the form of a Pay Order in favour of the **"International Center for Chemical and Biological Sciences Tender Account"** at the ICCBS Purchase Office.

An alternate bid/option should accompany a separate pay order for earnest money. The Procuring Agency may reject all or any bid subject to the relevant provision of SPP Rule No. 25,

For any information and details:

Purchase & Store Dept.

Tel # 111-222-292 (159,109, 108),02134819011.

Email Add.: tenders@iccs.edu

store.iccs@hotmail.com.


DIRECTOR (I.C.C.B.S)

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

Contact Person: Prof. Dr. G. M. Musharraf / Dr. Nayab Khan
Lab No: IAC / 006 Mass Lab,
Email: nayab_kan@yahoo.com / mass_spectrometry@iccs.edu
Intercom No. 111-222-292: 368 (Ext: 110/224)
University of Karachi, Karachi-75270

Tender No: **ICCBS-HEJ-PRE-16674-140426**

Tender Specifications or Equivalent:

1. Thermal Mixer

(Quantity: 01)

Parameter	Specification
Product Type	Thermo Mixer with heating, cooling, and mixing functions
Sample Capacity	24 × 1.5 mL/2 mL micro centrifuge tubes, 8 × 15 mL conical tubes
Timer Range	5 seconds - 99 hours 30 minutes or better
Interfaces	USB interface
Power Supply	220 – 240 V, 50 – 60 Hz
Mixing Frequency	300 – 3,000 rpm
Max. Speed	Up to 3,000 rpm
Dimensions (W × D × H)	Minimum 20.6 × 30.4 × 13.6 cm / 8.1 × 12.0 × 5.4 in
Mixing orbit	3 mm
Temperature Range	Min: 15 °C below ambient, Max: 100 °C
Temperature Accuracy	±0.5 °C between 20 – 45 °C
Temperature Settings	Adjustable in 1 °C increments
Mixing and vortexing radius	1.5 mm
Heating Rate	Max. 7 °C/min (with compatible blocks)
Cooling Rate	Max. 2.5 °C/min from 100 °C to RT
15 mL Block Compatibility	(Accommodates 8 × 15 mL conical tubes)
1.5 mL Block Compatibility	(Accommodates 24 × 1.5 mL micro test tubes)
Lid for 1.5 mL Block	(Included with block)
Smart Extender Compatibility	Yes (Allows for expansion of thermal control)
Warranty	Minimum 1 year
ACT Label	Yes (Ensures environmental accountability of manufacturing and lifecycle)

Note: Vendors are required to submit a detailed comparative statement clearly aligning each of the purchaser's listed specifications with the corresponding feature of the quoted instrument. The comparison must be eye-to-eye, explicitly stating compliance, non-compliance, or any variation.

2. Qubit Fluorometer

(Quantity: 01)

Parameter	Specification
Instrument Type	Benchtop Fluorometer for nucleic acid and protein quantification
Applications	Quantification of dsDNA, RNA, and Protein using fluorescence-based assays
Included Components	Fluorometer, starter assay kits (DNA, RNA, Protein), assay tubes
Sample Volume Range	1 to 20 μ L
Excitation Sources	Blue LED (470 nm), Red LED (635 nm)
Detection Method	Fluorescence
Assay Compatibility	Compatible with fluorescence-based dsDNA, RNA, and Protein assays
Measurement Time	Approximately 3 seconds per sample
Dynamic Range	Wide range depending on assay (e.g., 10pg/ μ L to 1000ng/ μ L for DNA)
Calibration	Pre-calibrated with built-in standards
Data Output Options	USB drive, Wi-Fi, direct display
Connectivity	Wi-Fi enabled, USB port
Display	Touchscreen color display
Processing time	<5 seconds/sample
User Interface	Intuitive software with graphical touch interface
Assay Format	Uses specialized assay tubes
Operating Temperature Range	10-40° C
USB drive	4 GB
Dynamic range	5 orders of magnitude
Power Requirements	100–240 V AC, 50/60 Hz
Operating humidity	20-80% (non-condensing)
Networking capabilities	Transfer data directly to computer using a USB cable or wirelessly using the supplied Wi-Fi adaptor
Warranty	Minimum 1-year manufacturer’s warranty
Package Type	Starter package with all necessary components to begin use

Note: Vendors are required to submit a detailed comparative statement clearly aligning each of the purchaser’s listed specifications with the corresponding feature of the quoted instrument. The comparison must be eye-to-eye, explicitly stating compliance, non-compliance, or any variation.

3. Biosafety Cabinet Class II

(Quantity: 03)

Parameter	Specification
Product	Bio-Safety Cabinet Class II
Airflow System	Dual blower system with independent downflow + inflow blowers and real-time velocity sensors
Downflow Velocity	0.32 m/s
Inflow Velocity	0.53 m/s
Downflow Volume	885 m ³ /h
Inflow Volume	601 m ³ /h
Filter Type	ULPA Filter, U15, 99.999% @ MPPS
Filter Standard	HEPA H14, EN 1822-4 compliant (99.995% @ MPPS)
Internal Dimensions (W × D × H)	Minimum 1260 × 630 × 660 mm
Internal Work Area	Minimum 0.79 m ²
Work Zone Material	1.5 mm thick SUS 304 stainless steel
Cabinet Body Material	1.5 mm galvanized steel
Front Window	10° inclined, 6 mm tempered anti-UV safety glass
Display	HD display showing airflow speed, drop, and filter life in real time
Lighting Intensity	≥ 900 Lux
UV Radiation Intensity	> 400 mW/m ²
Noise Level	< 65 dB
Vibration (RMS)	< 5 μm
Operation Control	One-button membrane key operation with indicator lights
Safety Features	3-minute self-cleaning function, airflow velocity alarm, sensor failure alarm, pressure alarm, UV/filter lifespan alarm, blower fault alarm, door position alarm
Motor Type	DC motor – low noise, stable, energy-efficient
Certification Standard	EN 12469, YY0569
Power Supply	220 V AC, 50 Hz
Warranty	Minimum 1 year
Additional Features	Excellent light distribution, intelligent blower interlock system

Note: Vendors are required to submit a detailed comparative statement clearly aligning each of the purchaser's listed specifications with the corresponding feature of the quoted instrument. The comparison must be eye-to-eye, explicitly stating compliance, non-compliance, or any variation.

4. ELISA MicroPlate Photometers/Reader

(Quantity: 01)

Parameter	Specification
Plate Compatibility	96-well and 384-well microplates
Wavelength Range	340–850 nm
Filter Slots	8 positions filter wheel, interchangeable, user-selectable filters; installed @ 405nm, 450nm, & 620nm
Accuracy	± 1% (0 to 3 Abs) or ±0.003 Abs whichever is greater @ 405nm
Linearity	0-3 Abs, ± 2% @ 405nm, 96 well plate
Measurement Speed	7 sec for 96 well plate (Fast Mode), 13 sec for 96 well plate (Normal Mode)
Precision	CV ≤ 0.2% (0.3 to 3 Abs) @ 405 nm
Resolution	0.001 Abs
Measurement Speed	≤ 6 seconds per 96-well plate
Dynamic Range	Broad absorbance range suitable for protein and enzyme assays
Shaking Function	Linear shaking, adjustable intensity
Incubation & Shaking	Temperature control up to 50 °C for critical assays
Temperature Uniformity	Maintained across the plate for consistent assay conditions
Display	Large color screen, intuitive interface, multilingual support
Connectivity	Stand-alone operation & PC-controlled via USB
Software	Compatible with dedicated analysis/control software
Data Handling	Internal storage or export to PC
Warranty	Minimum 1 year
Applications	ELISA, protein quantification, enzyme kinetics, cell-based assays, general absorbance

PC Workstation (Typical Configuration for Laboratory Use)

Parameter	Specification
Processor	Intel Core i7, 10 or 12 th Generation or Advance
RAM	16 GB or better
Storage	1TB SSD or better for long term data storage/archiving
Operating System	Windows 10 or 11 Professional (64-bit)
Graphics	Integrated graphics or dedicated GPU
Display	24 inch flat screen monitor, full HD resolution or better for clear visualization of assay data.
Connectivity	USB 3.0/USB-C ports, Ethernet port , Wi-Fi
Software	Dedicated assay control and analysis software (e.g., SkanIt or equivalent)
Accessories	Standard Keyboard, mouse, power cables, communication cables etc
Warranty	Minimum 1 year
Data Export	Excel, PDF, CSV formats supported
General Features	Stable performance, optimized for laboratory data acquisition, compatible with robotics and automation systems

Note: Vendors are required to submit a detailed comparative statement clearly aligning each of the purchaser's listed specifications with the corresponding feature of the quoted instrument. The comparison must be eye-to-eye, explicitly stating compliance, non-compliance, or any variation.

Sample Comparison Sheet

Tender No: ICCBS-HEJ-PRF-16674-140426

Item Name: _____

Required Specification	Offered Specification	Compliance		Comments
		Yes	No	

Note:

1. Bidders are required to quote on a FOR basis for the acceptance of their bids
2. Bidders are required to register and submit the bid through EPADS (E-Pak Acquisition and Disposal System, www.portalsindh.eprocure.gov.pk).
3. A copy of the submitted bid, along with the original Bid Security Pay Order, must be submitted to the Purchase Department, ICCBS.
4. Original Bid Security Pay Order must reach the Purchase Department ICCBS before the deadline for submission of bids.
5. Bidders are required to submit the bid according to the serial numbers & item names listed in the tender document.

Estimated Cost: Above 5.0 Million

SUMMARY SHEET (FOR)

(This summary sheet should be attached at the top of the bid documents)

TENDER NO: _____.

The tender summary sheet is mandatory to be filled by bidders, the tender will be rejected if this Summary sheet utterly filled does not accompany the tender bid/quote.

Sr. No.	Item's Name	Make & Country of Origin	Model No. / CAT No.	Qty	Package Size (if applicable)	Bid Value	GST	Bid Value (Including GST)	Other Charges (if applicable)	Warranty Period	Total Price in PKR
1.											
2.											

Specifications of all the items should be attached at the end of the BOQ.

Bid Value in PKR		Earnest Money	
GST applicable in PKR		Pay Order/ Demand Draft No:	
Service Sales Tax in PKR		Pay Order/ Demand Date	
Total Bid Value in PKR			
Company Name:			
Mobile No:		National Tax No. (attach copy)	
Phone No:		SRB Registration No. (attach copy)	
Email Address:		Stamp / Seal:	
Signature & Date:		Address:	

Note:

The tender summary sheet is mandatory to be filled by bidders, the tender will be rejected if this Summary sheet utterly filled does not accompany the tender bid/quote.

Delivery time for items quoted in FOR is Five (5) weeks and C&F is Twelve (12) weeks.

This and all other Terms & Conditions mentioned in this Tender / ICCBS Website overrides any conditions set by the bidder.

The soft copy of this summary sheet is available on:

URL Address: https://drive.google.com/drive/folders/14yWB-Uub1lfzJJwZ4xTFKZrpCkZFmiXV?usp=drive_link

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 **Scientific Equipment**, 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 2019)

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**
- 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 the 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.
- 5. Bid Form** The Bidder shall complete the Bid Form, and the appropriate Price Schedule furnished in the bidding documents, indicating the Equipment to be supplied, a description of the Equipment and prices.
- 6. Bid Currencies** Prices Shall be quoted in Pak Rupees after conversion from the foreign currency rates 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 capabilities 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 of 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 the 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 a 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 2019). 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 initialled by the person or persons signing the bid.
- 11.3 Any interlineations, erasures, or overwriting shall be valid only if they are initialled by the person or persons signing the bid.

SUBMISSION OF BIDS

12. Sealing and Marking of Bids

- 12.1 The Bidder shall submit the bid on EPADS and a copy of the submitted bid and the original Bid Security Pay Order must be submitted to the Purchase Department ICCBS in separate envelopes, duly marking the envelopes as "ORIGINAL BID SECURITY" and "BID 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 the statement "**DO NOT OPEN BEFORE 12:00 P.M. on 14-April-2026.**"
- 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

- 14.1 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 an 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 the 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 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 the award of the contract to the Bidder. A negative determination will result in the 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 2019), 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 2019), 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, non-competitive 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.

Introduction

ITB 1	Name and address of Procuring Agency: PURCHASE OFFICE H.E.J. RESEARCH INSTITUTE OF CHEMISTRY, ICCBS, UNIVERSITY OF KARACHI, KARACHI-75270.
ITB 1	Name of Contract. “Purchase of Scientific Equipment” for the project entitled “Up-gradation/Operation of CPQL and FPTRL at the Department of Plant Protection, Karachi by HEJRIC, ICCBS” for the Center.

Bid Price and Currency

ITB 4	Prices quoted by the Bidder shall be “fixed” in FOR prices.
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Preparation and Submission of Bids

ITSB 19	Qualification requirements: <ol style="list-style-type: none">1. Complete Company Profile2. Valid Registration with tax authorities is required (documents required).3. Relevant experience of at least three years (documents required).4. Minimum Annual Turnover should at least be equal to the Bid amount quoted (per year) for last 03 years.5. Minimum of 2 verifiable references with contact details should be provided in the tender documents.
ITB 7	Amount of bid security. 2 % of Bid
ITB 8	Bid validity period. 90 days
ITB-9	Performance Guarantee 5% of the P.O. Value Successful Bidders are required to deposit Performance Security in the United Bank Limited Account No. 1146-291497301 entitled " International Center for Chemical and Biological Sciences Tender Account ". The original Deposit Slip / Online Deposit Receipt must be submitted to the Purchase Office, ICCBS-Uok for the issuance of the Purchase Order.
ITB 10	Number of copies. One Copy of the submitted bid through EPADS
ITB 11	Method of Procurement: Single-Stage One-Envelop
ITB 19.1	Deadline for bid submission: 14-04-2026 at 11:30 A.M. (Through EPADS)
ITB 19.2	Bid Opening Date: 14-04-2026 at 12:00 P.M. (Through EPADS) Note: In case of a 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
ITB 20	Bid Evaluation: Most Advantageous Bid. Under the following conditions, the bid will be rejected: <ol style="list-style-type: none">1. Conditional and Telegraphic tenders/bids.2. Bids not accompanied by a bid security (Earnest Money).3. Bids received after the specified date and time.4. Bidder submitting any false information.5. Blacklisted Firms by the Sindh Government or any Entity of it6. The tender will be liable to be rejected if this Summary sheet utterly filled does not accompany the tender bid/quote

SCHEDULE OF REQUIREMENTS

S. No.	Description of service/goods	Quantity	Required Delivery Schedule in Days from the Date of Contract Award	Location
1	“Purchase of Scientific Equipment”	As per the tender document	05 weeks on FOR order.	I.C.C.B.S., Karachi

Integrity Pact

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS/CONTRACTORS/CONSULTANTS.

Contract Number: **ICCBS-HEJ-PRF-16674-140426.**

Contract Value:

Dated:

Contract Title: **“Purchase of Scientific Equipment”**

[Name of Supplier/Contractor/Consultant] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (Go's) through any corrupt business practice.

Without limiting the generality of the foregoing, [Name of Supplier/Contractor/Consultant] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit, in whatsoever form, from Procuring Agency (PA), except that which has been expressly declared pursuant hereto.

[Name of Supplier/Contractor/Consultant] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[Name of Supplier/Contractor/Consultant] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to PA under any law, contract or other instrument, be voidable at the option of PA.

Notwithstanding any rights and remedies exercised by PA in this regard, [Name of Supplier/Contractor/Consultant] agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [Name of Supplier/Contractor/Consultant] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit, in whatsoever form, from PA.

[Procuring Agency]

[Supplier /Contractor/Consultant]

[Signature]

[In the capacity of]

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 _____ 2022 _____

[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 _____ 2019 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. *[Signature]* *[In the capacity of]*

This guarantee is valid until the ____ day of _____ 2019 _____

Signature and seal of the Guarantors

[Name of bank or financial institution]

[Address]

[Date]