INTERNATIONALCENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES UNIVERSITY OF KARACHI KARACHI-75270

Contact Persons for Technical Information

Dr. Sammar Yousuf and Mr. Saad Ahmed Intercom Numbers (112 and 114)

DETAIL OF ITEM

S. No.	Item	Estimated Cost
1.	Supply & Installation of X-ray Diffractometer System (Single Crystal) to the Center.	Rs. 45.0 millions

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

SPECIFICATIONS OF THE EQUIPMENT

1. X RAY TUBE

Cu x-ray tube with fine/ micro focus x-ray source.

2. X-RAY GENERATOR UNIT

Generator compatible to power the X-ray tube to its full capacity with ability to vary voltage and current in suitable steps. Provide proper the step size and the minimum values of voltage and current. IIT Stability better than +/-0.01% for Mains stability +/- 10 %. Microprocessor controlled x-ray generator, including radiation enclosure, with following specifications.

Maximum output power	: 50 W
Voltage range	: 0-50 kV
Current range	: 0-2 mA
Stability	: <0.05% at 10% power fluctuation
Cooling	: Air cooled/ water cooled

3. GONIOMETER

The goniometer should be equipped with four circle geometry. The four angles phi, omega, theta, kappa or equivalent with the sphere of all axes coinciding within ten micro-meters. Resolution on each circle should be better than 0.005°.

4. DETECTOR

CMOS or equivalent based X-ray detector for single crystal frame data collection suitable for both Mo and Cu radiation with large active area, high sensitivity.

The active area or the aperture of the camera should be at least 80 X 70 mm.

5. COOLING UNITS

For water based coolers the unit should give good temperature stability, low consumption of supply water and automatic refill of the circuit water.

6. LOW & HIGH TEMPERATURE ATTACHMENT

Low & high temperature attachment working from 80K to 400K range or better range with a stability of +/-1 K or better over the whole temperature range should be quoted. Low temperature attachment should be with very low liquid N2 consumption, no icing effect, equipped with liquid N2 Dewar.

7. APPLICATION SOFTWARE

The vendor should offer the latest version of their Windows based complete package of software required for the instrument control and monitoring, data collection, data processing, structure solution and refinement and publication data generation. The software should be able to perform complete data acquisition; scaling, absorption correction, space group determination, structure solution and refinement, and final crystallographic information file (CIF file) generation for publication purpose.

Minimum 10 of data integration and analysis software licenses should be available. Thus all local and remote dependents of the equipment should have the capability to analyze the data independently.

Software for Auto Structure solution is required.

There must be an undertaking that updates to the instrument control/data collection and automated structure solution and refinement software will be provided as available free of charge and in perpetuity. Hardware diagnostic software will be supplied.

8. FACTORY CONFIGURED PC & PRINTER

Minimum specifications of the PCs are:

Licensed Windows 7 operating system 4th generation core # i7 quad core or better, 16 GB RAM, 64-bit Operating System, 1 TB HDD or higher, DVD Read and Write facility. Latest LED monitors 21 inches or better, Keyboard and Optical mouse and other essential accessories.

2Nos of PCs with above configurations should be quoted.

Laser printer, 2 TB external HDD for data back-up

9. MANUALS, CIRCUIT DIAGRAMS AND INSTRUCTION SHEETS:

All the manuals including service manual, circuit diagrams and instruction sheets must be supplied in English for the purpose of Service Engineers reference.

10. TEST CRYSTAL:

Two set of test crystals should be included.

11. INSTALLATION & COMMISSIONING

By Factory Engineer of the principal

12. CRYSTAL MOUNTING ACCESSORIES

1. Capillaries made of special glass with wall thickness of 0.01 mm and outer diameter of 0.2 mm, 0.3 mm, 0.5 mm, 0.7mm, 1.5 mm -100 pcs of each type and other necessary capillaries/accessories.

13. PRICES OF MAJOR SPARES AND CONSUMABLES

The bidder will submit prices for major spares (including x-ray tube, electronic boards kit for maintaining the system for two years continuous operation etc) valid for five years after warranty period.

14. THREE YEARS WARRANTY & FREE SERVICE SUPPORT

The supplier will provide three years warranty and free service support.

Instructions to bidders

Preparation of Bids

- **1. Scope of Work** The, 1.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 National Competitive Bidding Single Stage Two Envelope Procedure as per SPP Rules 2010 (updated 2013)
 Procurement
- 2. Language of Bid 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
- 3. Documents The bid prepared by the Bidder shall comprise the following components: Comprising the Bid
 - (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.

•	r a	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 chemicals to be supplied, description of the chemicals and prices.
6.	Bid Currencies	Prices Shall be quoted in Pak Rupces 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.
8.	Documents' Eligibility and Conformity to Bidding	The documentary evidence of conformity of the equipments 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.	Documents	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 security 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
Bids10.1Bids 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 2013). 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. Forriat 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 3.00 P.M. on 19-05-2015.
 - 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
Bids13.1Bids 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 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 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.
- 18.1 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** 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 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. Postqualification21.1 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 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.

Bids

- 23. Procuring agency's Right to Accept any Bid and to
 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 annul the bidding process and reject all bids at any time prior to contract award.
 - Reject any or
All Bids23.2. Pursuant to Rule 45 of SPP Rules 2010 (updated 2013), 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 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 Contract25.1 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 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
Practices27.1 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:

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(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

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The following specific data for chemicals and consumables 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:
	H.E.J. Research Institute of Chemistry
	International Center for Chemical and Biological Sciences,
	University of Karachi
	Karachi-75270.
ITB 1	Name of Contract. Supply & Installation of X-ray Diffractometer System (Single Crystal)at the Center.
	Bid Price and Currency
ITB 4	Prices quoted by the Bidder shall be "fixed" and in" Pak rupees in F.O.R. prices and in foreign currency in case of C&F prices."
	Preparation and Submission of Bids
ITSB 19	Qualification requirements:
	1. Complete Company profile
	2. Valid Registration with tax authorities is required
	3. Authorized dealers/distributors/sole agents
ITB 7	Amount of bid security.
	2 % of Bid
ITB 8	Bid validity period.
ITB 8	Bid validity period. 90 days

	5% of the P.O. Value
ITB 10	Number of copies. One original One copy
ITB 19.1	Deadline for bid submission. 30-06-2015 at 2.30 p.m.
ITB 20	
ITB 20	Bid Evaluation: Lowest evaluated bid
ITB 20	Bid Evaluation: Lowest evaluated bid Under following conditions, Bid will be rejected:
ITB 20	
ITB 20	Under following conditions, Bid will be rejected:
ITB 20	Under following conditions, Bid will be rejected: 1. Conditional and Telegraphic tenders/bids;
ITB 20	 Under following conditions, Bid will be rejected: 1. Conditional and Telegraphic tenders/bids; 2. Bids not accompanied by bid security (Earnest Moncy);

Summary Sheet

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Serial No.	Bid Value	Foreign Currency (If applicable)	Conversion Rate (If applicable)	Price in PKR
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Total Bid Value in PKR	
Earnest Money @% in PKR	
Pay Order Demand Draft No:	Date:

SCHEDULE OF REQUIREMENTS

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S.No.	Description of service / goods	Quantity	Required Delivery Schedule in Days from the Date of Contract Award	Location
1	Supply and Installation of X-Ray Diffractometer System (Single Crystal) at the Center.	As per tender document	12 weeks	I.C.C.B.S., Karachi
$-\frac{1}{2}$				
3				<u> </u>

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 _____ 2015_____

[signatur?]

[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 _____ 2015 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 guarance is valid until the _____ day of _____2015______

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]



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کھیا Daily اسامایو ? رکبتن جي تقصان تي صرق	المرتو خرمستر : 17 تر اید بر مراجع	المتكونة والمراحل والمجارية المستعد المست	المرجوم وليور		الاحدى تيخرت إير بريار	ورو او هو نور
رسېن ناهېون مغلقې و اين اسې تېر شواهېد کېدېل نکرکېت و وکېنې	ال الوبو مرضم ولي الميشرط المنتاع توريقية الم الجزم الى ليهم يبتر يبترط لازم	و بشمی دو نشی، سن جی نعند و درمین بشنان	مېرې مېرې خانې ډېر افې د شهېد سوکې لرمان چې مري ځانې ډېر افې د شهېد سوکې لرمان	ال <u>میں میں محمد میں معرفی میں</u> حاری میں معنان منبز جی مطال جا تلا انوکی ناملزر جو لکین رہی جو قاح و رہے	الیسینینیسینیسینیسیاهای وانن پوسین امونی ریکز شهر و هرتن فترنگ طلقی مدین اسب هرانر چکامی روزه ولای تعلقا و شهری	ا کارمی ا مشن س
الممان في منشاء فدري مبع كثي برتن	العرو سند، عد 77 مار های پیترها بیتر و ۱۹۷۶ د و نو طارعوالحار شر در در نیز،لیان	ا تين بعد هن قرن به تر قد بني ياسي خبيرة كاني ميديا في حمين فين بارجود تهام نسل حي زرجهن	ا لَهُكُمْ فِي رَبِينَ ۽ فَرَيْنَ فِي كَهُنَ بَي هَنَدُ فَتَرَنَ الْحُمَا تَبَيْنَ بِينَ بِينَ إِنْهُمْ مَنِي رَبِينَ بِي تَبْعَيْنَ	رقم بورق مشرق ور	نالي تي 33 تي ويا، يوليس مينيا کي رانفر ڪن	, ينفر هو بنيا ينتيا
ال <u>ارد رحد است.</u> اشدیان طر امیریز کیلز، کار یافته بهجی رش.	ا فران فیئری طبر بندین رشهار در غیا و از . ایرا رشهار این بر بیبرر نیست و امیترط طلم .	ا هې مېرامليکې لون دارېغې به ايار تر ارتبا الغن. اهلېن نځري هندو ټېکډېر پېرو وېر اب وې ه	ا هیریبریم و صلی این ساز شهندشرن برلیس ا از شیق هی بین فرد قدمی و ایاری نکری غرب	الم الشريقي المراجع المراجع المراجع المراجع المراجع	مي بنايو د هڪا اور ولي مهيئر اي سهاڪڪرن مز فر تيل تربيڪر هٿ ڪري ترکيو کي حرابت	ی حقوم انبر شاری
ا فالها بربطني بن حش ا	الهن و ينثر بيشرط بن شغار التي هي توريغ الرفز 6 ليست مرجز و 15 وطيش طعق طين	ورجهن بري سکهن تين حکي نه ديد مهيني نير تنگ خط و نه	يانهو هي زقين بي بر قنصو خير پير ريي. اندر ۽ انستان بال ان ان برين کار ايف اندر	مسن بالوحساز يار ۽ پيز جي اڳولي وآ شهريز. اتي بور کي آميس اڳاڻ اهتجائي مطاقور ڪين آن	او ارتو الی فواتها ارتبار بنایر دانی همیش نی ارتبار اطبر آمیان مین کی طهاری هیران قر	ر نقب س کبر
ا خرهبت در وورکش آستقرار آینگ سال هنه لیست و و ارز دن دن میچ	مىز ئىرنابىت يېنچېر بىر نې،	ايج وگهر مي چل دوسي جو معند ولي 37 ش دو	مجمر اوي خارشار هي ريين تا النما ه	^ا مرکعي تي زاينگ هي ايتر اين کي سيد انتخار انتر خاند شدي حضر ڪند هند دلت شد.	ا مراتي معتر آهي. بيڪند آهيٽن مرز آمين آهيٽا. ڪرون	فأخبرو إ
ا مشتقل سیربر کیڈن لار تقرابت اناطا بہتر انہی تینا رو را بادر ا	طرطبت تریامیند و دیشتد قیرز مکن () آدرین و 5 رکستر می شمکر این (33 رسی	ا همي موانتهان قرب سريان سين و وره م موجود امرين تر هشتر رش کيت سياري مي يو منابطي تر	قاد مكر فقال كارتيني مكانو المعاري مار. قادر يقدلن التي قرما منام هي التي يديترمين	جي منغلي متولي ۽ شهر دنسين کي پيسٽڻ دادي	المعريون المراجع المراجع المراجع	کې محير نو چېش ا
میں سیاس کیڈی اینٹی جڈھن نا ا	ا نخبان. حرب و تومش قبون صرف ولا رشار ا	انچې مکيبر هي بنيې کرن و د اينيز بر ينيڪ در مرمد ايا هن سيا مرد و ايند داريک	عسکوکٹ ارسار جي 33 جن تي ملمان علي کرب الونيکا ۾ يعليهي جي طلس جن تيلين تيز آهن ک	ايالي سببياً، يبن لَيْبِحَنِّ سَهِرَمَنَ فَرْغُو عَنْ تَيْ أَنِّ اير اي مُنظَنِّبًا هِي يَبِيَزَي و عَامَ تَتَى قُرْ يَر	ليستنبين في العرب بين في المربع وان في ا المربع 2 طلاطين كليم، كرت وان همت	ىلىن سۇن كەرىرى
سيريز مي شروفنات \$\$ جن کان ليند	ني انزٽ تي رڻي ٻي ٽين ۾ امانئر ايس. ا	أشف كاني بأذن على ر تيس: رغيلي لين قل	ا ملسلی و اسجی سند و بال یوملر اشتینطر و دورن لغاردانیا افر	هن وقت ٿي آيو آي تنظميا جي عشر طيفيني ۽ ا ماهش سنڌ بازيجي شهر اننو گندگي جي ڌر	اڪري لڳڻ باند تي ڪندرٽ ڪري ورتان ۽ باند. سنڌيا بيدائنگا محمد شاند سيد رقيق آهيڊ شاند	بسني ا
ه دي بهرج رت شمېر را و سکر	[گرنگا میبکش لیترن بان پشین عیرش برگان ولی سیار مین جر علاج خون لگ آهن	مون به ويب بو من حکولاي توجول خوب جو ترموز غوت شي	منعي مدخي و شهر رئيس بيني ولي مدي تا. د - الما فد الا ساليد مد أمر مراكز أمد	مید شمر شخاو مید تهیر شکر می گهرن و اینار آنام اعد ثنان کنان سنسان کنالیان	تتركته
بجدو إمتر ظن أرتو سبتن كورت ك	هائوس نمبر ، 873/5 وارو پي ۽ سي او فرج 83107665 - حسلمي س	تعبو العرابيان کی اور موجعتی	ارير، هنهار هي مجالي ٿي ٿا سگهي آهي.	حين ذكر شيران الرسون في يكر في في شير حين شاه شيرازي الثار شهري التعاد هي هيد	البطارية بر معارّ سبب الدِ تهر مزي رك تي	شي اي مور شي
.562/HC-1/SUK/2015		انتیزی کراندر خابل کهوند راج محمد تقییری موری پهترب شخه نینکری جی پیءَ علی محمد تصریح	فوني جو لائن تعقق اسينال و رکزايو وير العي على نصد يشيونو	بلايه على مين ۽ پن ڪليب ڪلي چو دنٽي. اه ڳيو لک ڪهري بنيعني سهرتين کان معرور	۽ دي ٻي مول ملين پريس ڪتب پهجي گلهندو ۾ بحثي جي نڌڙ ٻاني آنيال جي 3 گهن کي باند	رج أربة. مشكرة
	عامران	کهرت چې په لمار خبرو و نعول و پرې کې نيمنا کې مېد و ميلو ه نعول و پرې کې	ا <u>ستی می میرد.</u> ایند اسکر شخر ا افغان سنار، محید سیار و اینزرهیت پیز (بشل هن محلف بال من كهتيز و رستن ني اكدكي ما يوكنا بيا بعد و تركير في قطف ا	الكي رقي جنهن و قنان جو سنزو ماندل البكين . الله قام مرة زين، روڪ رقين قام اسمند، سو	بك بر
	[افیس آف جج، بینتشنگ تاری جو گز/منابرڈ سرتشاری انشان	اطري رمام لارتنائي فلو حي عطبا و ويش تغير	معینگوینهامی باق و المککر می کلکن مکنت التلوي می دنونس کامان بولا باک اینکهان	المحم طنقۇ ئىر يې بر ۽ ئنډين سان كلهيين أ طرق مغرب حالي تر شهر ما مسئلا توصيعي	الحمة مزدرك تن ويراو أمان كليل أستان محدوما أهبار هذه شعندين ما مثعر	
	ا هو الحلاج تو تامي ترغونيهم با متعاليم التند الم المجهلان أهي يعني أهن يسهادا في نيلام الم الم	اريو. هنگ چلني حواطي کې از ټېټين جي حويشار ا اوماند يې دسترهت جنا سانگهز سرطني بو هوکېر	المحن أدني وقعي كانين نبل واكسن سان مادمتر	النياقي مي في تشبية وينشأ المنهان معد المتحاد ا	للطنبة والبريس بأن عنفان كاز كهر هشر	ل فر نې د مشر
ون، 1914ع ي اليس الدون مع. سيسط	ا چېلى اس بلىي اس بېياد الى بېدى مى بولار دى بې كورت الاسكر بر مىغاد طير ريىدى.	اش طلق د مصور تينگي نهند کې 184 جي . اينز کشي منت ول مينيان کاري مال اف	کوترهی و چین باران می ماه نامو بشولهی و استس براس نظیش فرمه و بیریزگذی سید	مشنور برش نسوس بودید تر <u>دیا.</u> [مستقد فرنسی ساردین] به از مستقد	اهي د اندن هي هند ڪلي رهي - ان د اندن هي هند ڪلي رهي	
	سبريل الشرحو نعميل	رو. از مرفعي ني فشوار جي پير ۽ علي احش	ينهنڊو کمارو تا ليڻ سب العنداني آياکوٽاڻ ڪن. وڙي رائعي تي آسيس جو طهر ڪنو پاير آهي	لیکنی میکنی کردن و بوردیل سکنیز ایر این کر	المملكي معلم بعضن المعلم المعلم المعار الجي ا المتاركة عن هذه منشقة هذا الاحر قارف عامة ا	1.
3	ا9. اخسربنز،	طبري يانير د الن هارير طري كبرستر كنيم الميك بايد كي رهار المي طبق بر غريب مشخ	دانيل والصاسة ملامل علاعي واعتمى ا	حکیر بلوچ و لدر بی تن مامی شنیم بعمرت سببه شهری کی ترکی و اشرطت کار ددونی	هي محت يو وند پنڊي ري سندن تا ۾ مار	ر مقرار رين⊷ا
	123، معدّد ما سنرز 133، فیرز میزر	ڪي ٿه گرون فرڙ برنڌ جو جندز وٺي ٿي. کي ٿو آهي هونگور ڪيس ۾ ماه ڪندز ٿي ا	مانهار هو مهانگانی سک و سنجلی کار اننگا ای مرتضم حدی وطن مومرده حضرتن می	الين منذر يباربر سنار ارسي يراقي ترا	مانغۇ مېھار هې معنا طر ترې، يونېين هتان لېگر 6 هر زقت سېھار لايا جينلن لېگې هلې سهتې	ر بعب ا ستر ا
62		لِيْنَ أَدْ بَنْبُو دَنْسُنُ كَلِ تَعْلَيْدُ أَطَرُّ مِ عَلَيْرٍ دُاً جَبْبُرِيَ رِسَانَ كُرْتَ عَلَى قَرْسَتُو رَ عَضَوَر	مهن ني يعانه آهي من يير دست مڪرمياً. و شاهل هو ۽ مشير ڏينون وٽ ڪريشي هئي [ا): من تې ډېبل لرکې و لکين سندي مليز ا شرطان طانيا لرکې و خطومت طاق وطاوت	میهار سار مان لاروان پیت و گهازی آنی روانز این درلاجی بیش بار ریشان هشی ها گذیر	ڪسن ا
	الله في منظر منظر منظر المنظر المنظر المنظر منظر منظر منظر منظر منظر منظر منظر	نېنېکې شاينا کې هند لک ټکا فرار ريس شيونې	ران وم و اسرتری تیز و انفرون افی بعلق تا بیروکری انجالی مهانگانی و غربت جر شنطار	رائې دان جې تمبرز مند خطومت غربنې، غز چو د هندو مې شهيد چيلومين شمېر غاز	سهلي هي ملتن قي مَدَوَش و كَبِيسَ تَوْكِي مَدَرَّزُ دود در بدار هذي هندر وقد مدتر ال	يو مي مي جو
91 65	. 🗰 تستريغون	ولۍ شار چې هوه مال پرتان يو رغۍ کښان پالۍ ا هنې گڼارت منيت د اختر کې گراندل طايق کڼېت	فربب يستغين ملهر مرتجشين كردني	قیشی سند اشعار منصوبی تولیفار اماد حلاق ا طبیرانی فرد هنیا هار علوی فرم بعربا شایی و ا	کهڙي ٿي ٿويه تري گهڙو ٽڪلي رکستي هتي ا ميڪ ڳله وقت جي ويوين کي نہ وتي ۽ لُ	م من ا
	الله الحريم. 10 كمر	و هنور کې مهندې لېک و څکې رازا خپر بهراز از هنا مرطار هې مدمیت و حراباذر خلاف پهکار ا	محي آهن هن ييف مستين کلا مطالبو ڪيو ٿا. هو جائي هي هرمجندي وڙي وگھي جو ترتيبي	الإرابة كراحش منذ نشير متعوماً أهن احتهاز ا	کورې مې مارسې ځېچو کېږو رکې چدېشون ا	شس و از رخیت ا
24	11	مرج ليحك نحنا طيسر نامل طير وير أهي		ملاک جنام حکرت د کې رېږي ساکهي حسائم چې پېرتي مفانۍ لرتي تو اشرطت کار مرطري	مهتي جلس نو کهروکتر درا، و التي د ڪچو ا گهار علي زير ۽ مهتني ترباء جي چولين و بنهنجو ا	ر سلد : بر کار
	سپنې دايستېن رکندو لنخص ۽ ذرين کي کا، ل: او ڏي پر وڏو زاهد ڏينڊڙ سنوري رفتر بروقت س	الطندية (التر عند) ركز اللزي رتك من تكرر باتر عن كريانوا تلاعي مي محمد ديو	ڪي منائر انسن جان تشال ڪر ويو .	افلو کلش هید باز نهند بشیر مار ترشی بی ا رفشنگاه نان مسلم چیترمین صنعان ارشی ا	بال کی لریں الایل محبت می تکنتاز بلغی رئی۔ سائی کی جراین و ایکندی دسی میدز با سائنی	مر نار ا
والمسكور المسيل سابة منجي والمعاكي أردابه م	والدكي كهرود تصور بصو ويسود هيتا مدب	نلى تى اللاغ ٿاريو رئيس ميس شهيت ثالق (ليستعدد مرا	رقمر جبترمين دهنتر سم عدلاتي اربين مرعدي ا	کي سه ڪلدي مانيز کي سادگار پڪارشار رهيو [ا	11
ب طرح سابکتی قیمین بنیدیس تسطیر نارام	ا حکون جو حی محموط رکی ٿو ۔ اوڪرو ٿين انٽين هڪامياب واڪ ڏيندڙ ڀار ور لا اير	مي حاجلان لان وسل خان کار شخار خان يدو. ملمي صحفين ياري جس شهيد تاتي م	سرمجستهم يتوشعو ردعمل حجر سري رعبه العن	سد جي صنفن ٻن تجيز ملهو ڏهنڻ ۽ امسن [-	منهتر ما بنهاجو بان کی دوباد جی یونس بر آزین 🖥	نبار ا
	ڪيا ريندڙ.	وز الازد الحلام المر ربو اير تعري الطلانين المكس ماديا يونس موهمي تي له يهني هتي	بېې مانا مربعي مېد کېرېېد و دو. وېنې مې کېنېکې فکې و دو: کې ميندې 31	فأعر هميتر يعيد آر	ام د مشتر مخبر این ونا ما رمین درمان تا ا	فتغدا
جنج. بنڪنگ ڪررث-1-سکر	And and the Statute	مولاني حظنو عاصفي حدولايدي	مرز <u>بو</u> شتر بن شمع بن بنی زن	ی هر درباد د تيمې دهيت و عبي او دي. []	مېلې مې مېر تې مرمنې څکېر تر تېن څېرې و سردس کېلېن تر عمق طوي مرز يې مانېزې	لايكلاً. و يعني ا
	TITUTE OF CHEMISTRY	مرة لات نيز رمندر عشر هي لكر برست ثبين مسب 🛛		ایی تطبت کیت طلی ولی ادی پر روی شین د. [ار دلان کی ولی مهانگو طلیو زیر ادی رویهٔ پان	ون در بهم منهن في نيبم الهضي دلستين .	110.
AN INTERNATION	A . CENTER FOR 🔬	هکشي شيخ هي نشيعي و قرب شي زند قوني بنو اش سبي جي موهلين فسينڌ و منو وي جنهن	معن نا برينٽ مارٽ سي ڪرو هي ماڪي ()	سيار جز جز الله استار مار فاوقي رقيا (معقى سرتي موجفي حيد لوركوريس بن	r I . U
	O OGICAL SCIENCES	مد نوس جي وولن کې مع د دو يې ملکې لېز . سونيد کې هن بدن يې اليس و کا طلح بعد .	الشفادلواني سلية واختواشك تنجي تشبيها		كان مبهار هي مرز ڏسيا هي. آني كلي يهاجساز ماهيز اويلنان ٿيز وهن	¦ ⊻
	SHEJ-XAD-300615 (3RD TIME)	ليس ملي کرب و مش ملا مولي علير وين	ىرىغا مۇ يېلى مىغىر دە قىلىغان « مى سىمبىر) بېيىغا مۇنى يېلىۋىر مى مومولە شىرم كى بولۇر	مينان ميري ونهد بير ويرجلان لين مين تبيشان } ،		يۇ 2ا ھنات [
IMPORT/SUPPLY &	INSTALLATION OF	میلانی ولین العظمی مترکش وت اینجی طوقتهای عوت هی مزمر علی می	. في هي في هو هندو ورنو پير وهي استي اينسو [1	شده با در و مشتو او منه با در من و مسلو من و	نايعي ماكن تي النما هيا با أدن كايعي :	ببغرين أتأ
	OMETER SYSTEM	عوب عائر انظیر لیان ای ایس ہی کی ا	مستحدث فيقدون والالمتحاد ا	، پرسین پاری اطلحات و طلبه وی طور پر هن ولبید] . مېرن مشتهن و اهلمه م هو تولیس تر برتو اهو و و		1.00
	ا چې فرلغنې د ښېښې دی. د چې فرلغنې د ښېښې مې مکسنې ير	ويوسدنې اوي د عام مصطلي سيد که بنا او سينجي را، کې روي پلا بنا ويهاري ويدا اوي	بالدافرد كمرى المحالين الم	بَعْمَ، كَانَ أَبَّ بِنَ حَسَرَتَي مَعْشَوْرَ بِأَرْ نَوْتَنَ بَدُّ رَسُرُ رَاكَ وَ سَرَّي زَحَنِي لَنَا نَقَى	این کی گھرمی نہ قبضۂ گین حال زیبر کی ا	ارتشا ف
ر/سول ايحنشن كار: C&F هي يتياد نر	ا والدر حسارية بالحليار، ويترز (دستري بيو ارز	منها و هرما پرتيس افر سال اتو د مړس علام نخير مانۍ انټر ايناي اهي او اټن اعطاني سال	غريد و لينټي جيڪا طائر مل 5;دين او	يتوته وأسأهر أمر الم	تم كن سام الله سفر باد م يبركر [[ر منا ا
يحلر نحت مهرمند لينيز كهربان أحا	ا هوأمد لاه مسكو ليشتع مي تقافن هي طايد السفر دستاريو 10 جون 2015 با هو التابها	ولو هن بلغین ش مشعر مزن بیکیر لا من اس فیرس ن بنار قلال ما تبط ایجام این بیز	ا محسر مي مديني 62 هيس الرك تموزن دفي 🖕	و ورد به مربع من در در از	۽ هنهار هن مشيري ۽ هي آهن ٻاري آهني تي ٿيار آ ۽	÷ 53(8)
ا 2،30 رکی ہی وچ پر 264 ریپن م	🛋 ر زاري ڏينهن مسيح کا رڳي کار سيمر	لکې نعي کې من رت نترې در کې فرهېد. سې پوښې مړت کې منلند و پېټر نشو نيا	تې يې يې کې بېليونه تې ترمه تسوې بنو بلېرې مېر 12 لک انه د پر د زير د مېر	مر و بر نهرندر سميز مزي زير ايرند و . نبار اسمان هيدارندگي گذرن دي مجين از	يڪرمد، ٿي ميشو منبر ڪي 7 نيبر کنن ۽ 7	
غراجي كاد باعرحي سياشرر كار دمار	ا الانگلي(باقليز رايسي) بصورت يې اردر ان	تايور. ليس مار طلقور الموتى الليواريز		من منهور جي ڪمون نوري وريديز او	لورش اورا طلق پرچار جن ون اکلی در مهنی و آن سهار هو عشانیه ناستان می منار این هان دن ان	
Dii کان حاصل ڪري سکيمر ٿايا ويو. 161. هڪر 1994 تاريخي ران ۾ ڪري	re :tor, 1.C.C.B.S برانت (بهرانت دریمی) بالر به wara,pgrasiBdb.gov.pk بالیه	کرولهنو ترنغی انهوت رو بلاک		متياري المرشي المترجين المتراسية	من مي ديند درس بي ديو اتن مي چيو دار مذاهر از بعر ماي انکر تسا مي ويل سر []	ر از از
	ا سکیمرنا.	امشن سالنا الازي ڪرد لمبار داريدن الکلي [] اگي الاس جي چڻ تي استان ۽ ڪلي ڪر موهن []	ستا و ١٥ کان 55 سيڪڙو افاقي عرفو کي	ير. مېن مېن مېنې کې عليد کې دستان او اندر مېن مېن مېنې کې د د د د	رجيئا ماهر لن جاميع حرجلا حي نا سهش ۽ إ	
	الينڊر تسٽارير جاري ڪرڻ جي احري تاريع (1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 -	لىرىڭ 5% سال كان ولى خايوگهنىز شهر كې ساسان للرندېز كېن ۽ يونديل سالتنوز مړاناز	ريشان ڪري ڇڏين نصر افرڪ ٿورا ۽ ڪارا [5 هي جي شار هن قيندن آنينن بان کلهين [م	ارمې مسلوي و مېږ مېږي مېرمېږي معطوري ا محد يعن او درن شهرين و يربيس وج د اړ	یار انیا پر طلق کر ملی شاہ استقلطیف پیکی ه	مسراط
	2.5 جي مسلوي رقبر جي ٻي او پر ذلاني 3.5 منجهت 2039 وڳي نائنن ڏلي سکيندن 2.	هى د درتيش هر د جركن سبب شهر 🛛	فري رقبين العني تستمين خي قيست سيسي ها [ن	ڪري ٿين شهري لڳير دغرب شهري جا اُن هن نٺانيا هن پر بلير مکيا جي فرنين نه اُ	فاستشره فحفقها فسام مخطر شاعداه	<u>با</u>
به حمدن نماشندو جی موجودگی بر سینتر	ا ټونون ټووري جو 00،00 و کې واخد کېد. ان	سی افرانستان هند، رسن نی نمری اید کا مسی و کلیمان قبلین طاروکهان شهر و		جن ناهه من شهيستي غرير اهتير با بالي و م	وادعهن البهاجية بالجري هارهو وا	میں ایم
ہررنگ ایجنسی SPP قابرنے عر	. چې میشنگ دوم بر کوئیون ویندیون. پود ب	ڪل نئر نٿن مزيۇ ڪل ولي سين مهر. ڪل بند بعبر ميدر د قد نظريد - بندا		سر دورو بغر امار قرب کار پیسه کوروا د ژین ال به کاره قسر می لندس هادروش کاروش مختی رشی ا جی جام مان کورمی هار بنایر د تاتون اقبسر از از زن وجر میلام سبب وین حین این سرطانی ام	ر میں میں یا میں میں میں ملکی قطانہ کی میں ان کا م	7 K (42)
وثبيت کر رو	ا والمطيعة والنفل جي بنية التي طلنهان ۽ يه سنادر		ليبرر والومر كالأكثو التكت كتفر والارا	چې چاہ کین گہرمې هن بندو تا تقون اقیسر اور رن وتر میلا، سسته پین حین کې سرطان اور	ــــــــــــــــــــــــــــــــــــــ	- 1 57 (

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DAWN TUESDAY JUNE 9, 2015

IMPORT/SUPPLY & INSTALLATION OF X-RAY DIFFRACTOMETER SYSTEM

Sealed Tenders are invited from the Sales Tax registered Firms with Sindh Revenue Board and Income Tax Department for Supply & Installation of X-RAY DIFFRACTOMETER SYSTEM (Single Crystal) from the authorized Dealers on C&F basis for the Center on Single Stage - 2 Envelope procedure basis.

procedure basis. The Tender Documents can be collected from Purchase Office of the Center, on any working day between 09:00 am to 12:30 pm, from 10th June 2015 or from the Date of Publication of the Advertisement in the Newspapers or Notification of this the Advertisement on the Websites, on Payment of Rs. 300/-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, www.pprasindh.gov.pk. The Last Date of issuing the Tender Documents is 29th June 2015. The Tenders can be submitted with 2% of the Bid Value as

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 pm on 30th June 2015. Only Technical Bids of the Tenders will be opened in Meeting Room of the Center at 03:00 pm 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 Rules.

For details or any information contact: Tel: 3481 9011; UAN: 111-222-292 (109, 108) DIRECTOR