The Islamia University of Bahawalpur

TENDER NOTICE

Sealed Tenders on item wise rate basis are invited from the Manufacturing Firms or their Authorized Distributors, Dealers and General order Suppliers having established credentials in terms of Technical, Financial and Managerial capabilities for the supply of **Lab Equipments, for Various Departments**, The Islamia University of Bahawalpur on FOR basis.

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| --- | --- | --- | --- |
| **Tender No.** | **Category**(Quantity and specifications are available in the tender document) | **Estimated Cost** | **2% Bid Security** |
| **A** | **Lab Equipment’s for Physics Department:** | **Rs. 8,123,400/-** | **Rs.1,62,468/-** |
| **B** | **Lab Equipment’s for Biochemistry & Biotechnology:** | **Rs.4,10,000 /-** | **Rs.8,200/-** |

1. Interested bidders may get the Tender Documents containing detailed specifications, terms and conditions from the Purchase Section, Account Department Abbasia Campus (Old), the Islamia University of Bahawalpur during office hours on submission of written application on letter head and a copy of CNIC or can be down loaded from the IUB website www.iub.edu.pk OR PPRA website www.ppra.punjab.gov.pk on payment of (non-refundable fee) of Rs. 1000/ (Separately for each category) through Bank challan HBL in A/C 14730000010403 or pay order in the name of the Treasurer, The Islamia University of Bahawalpur . Original receipt should be attached with Technical bid.

2**. 2% Bid Security** of the estimated cost as mentioned above separately against each tender (Refundable) in the shape of CDR shall be attached with the bid, otherwise bid will be rejected.

3. The rates should be quoted on FOR basis.

4. **Single Stage – Two Envelopes** bidding procedure will be adopted as per PPRA Rules 38- 2(a). The Envelopes shall be marked as “**TECHNICAL PROPOSAL**” AND **“FINANCIAL PROPOSAL**” in legible letters. Financial Proposal of bids found technically non-responsive shall be returned un-opened.

5. Procurement shall be governed under the Punjab Procurement Rules, 2014.

6. The rates should be quoted inclusive of all taxes. Copy of paid bank challan of professional tax and copy of the bid security shall be attached with the technical proposal.

7. The Islamia University of Bahawalpur however, reserves the rights to reject all bids at any time prior to acceptance of a bid as per clause 35 of the Punjab Procurement Rules and grounds of rejection will be conveyed to the bidders upon their request.

8. Tender should reach in the Office of the Chairman (SMPC), Department of Mathematics, Baghdad-ul-Jadeed Campus The Islamia University of Bahawalpur upto **06 August 2020** by **11:00 AM.** Tenders will be opened on the same day at **11:30 AM** in the presence of bidders or their representatives.

9. Any bid submitted after the given time schedule shall not be accepted.

10. All taxes will be applicable as per Govt. Rules & Regulations.

11. The rates should be valid upto90-days from the date of opening of the tender.

12. In case of closed/forced holidays, tender opening time/date will be considered as the next working day.

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**Chairman SMPC**

**The Islamia University of Bahawalpur**

**Baghdad-ul-Jadeed Campus, Bahawalpur.**

**Phone: 062-9255480**

IPB-637

Daily Express and daily Pakistan Observer

Dated 17/07/2020

The Islamia University of Bahawalpur

**PROCUREMENT OF LAB EQUIPMENTS FOR PHYSICS DEPARTMENT**

**TENDER-A FORM**

1. Name of Firm: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Mailing Address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Phone No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **4**. Fax No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**5.** Tender Fee Challan No. &amount\_\_\_\_\_\_\_\_\_\_\_\_\_CDR No.& Amount\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6.** General Sale Tax No:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **7**. Income Tax No.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**8**. Professional Tax No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Sr. #** | **Item** | **Qty** | **Rate per Item with all taxes** |
| **1** | **Power Supply**Manual Triple Channel DC PS,Number of Outputs = 3Maximum Voltage = 1.25KVMaximum Current = 100AMaximum Power = 200WConnectivity = USBCurrent Read back Resolution = 1mA including necessary cables (Standford research system- SRS or equivalent)) | 01No |  |
| **2** | **IR CW fiber coupled LASER system with Laptop**Wavelength 808nm, Diode pumped solid state Laser systemPower 1000mW, (B&W Tek or equivalent) with supporting accessories, line filter, Set of band pass filters in IR range, IR viewer, Safety Goggles, Supporting Software and Laptop to run the laser system | 01No. |  |
| **3** | **Lock in Amplifier including optical Frequency Chopper System**DSP-Lock in Amplifier with rack mount, (Standford research system SRS or equivalent) Frequency Range 1 mHz to 102.4 kHz range, >100 dB dynamic reserve, 0.01 degree phase resolution, Time constants from 10 µs to 30 ks, (up to 24 dB/oct roll off) Auto-gain, -phase, -reserve & -offset, Reference source, GPIB and RS-232 interfaces**Accessories**; Optical Frequency Chopper system with chopper wheels, Necessary cables of Lock in amplifier to connect with computer and optical chopper | 01 No. |  |
| **4** | **Detector**InSb Detector having round window 4mm, Liquid Nitrogen cooled (InfraRed associates Inc or equivalent)with supporting accessories; including power cables, cables to connect with lock in amplifier etc Nitrogen Dewar, cryogenic gloves | 01 No. |  |
| **5** | **Spectrometer with Quartz halogen lamp box**Monochromator/Spectrograph with triple grating turret320mm focal length, Number of gratings on turret 3, wavelength range 150-1500nm with 1200grooves/mm and also150nm-40µm w/appropriate gratings Aperture F number F/4.1, dispersion 2.64nm/mm, resolution 0.06nm, 2mm slits, 30x15mm focal plane, RS232/IEEE interface, computer controlled entrance slit, 100/240v 50/60hz ( HORIBA or equivalent)With **accessories;** Desktop computer to run the spectrometer, Quartz Halogen Lamp box of same height to reach the spectrometerometer slit , complete Optical bench (at least 2.5 Meter length and 1 Meter width) including optical bench kit, Calibration kit of spectrometer, Necessary cables to connect spectrometer with power source and computer | 01 No. |  |
| **6** | **Digital Function Generator / Arbitrary**With 20 MHz bandwidth, 14-bit resolution, and 250 MS/s sample rate, (Tektronix or equivalent)  | 01 No. |  |

**Note: All the bidders are required to mention the details of their product being offered by them in the Technical proposal and also clearly mention the name & relevant major specifications of their offered product while quoting the financial bid as well. Mere reproduction of our tender documents will not serve the purpose and the bid may be liable to be rejected by the procuring agency in such cases.**

**Terms & Conditions**

1. All material supplied must be brand new strictly conforming to the given specifications .Old, reconditioned or refurbished equipment shall not be acceptable.
2. Prices should be FOR delivery to The Islamia University of Bahawalpur. If the items supplied are not according to the

required specification/make it will have to bereplaced by the firms on their own cost.

1. Offer must be supported with comprehensive technical literature and specifications in original (English) for the

materials/goods offered.

1. Validity of rate should be for 90 days from the date of opening of tenders.
2. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for

any accident and their consequent damages.

**Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Designation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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

**Attachments:**

Earnest Money draft (Yes/No)

Affidavit for non black listing (Yes/No)

Bid Validity (Yes/No)

Signed terms & conditions (Yes/No)

**Note:** Bid shall be signed by the bidder/authorized person for bidder.

The Islamia University of Bahawalpur

**PROCUREMENT OF LAB EQUIPMENTS FOR BIOCHEMISTRY & BIOTECHNOLOGY**

**TENDER-B FORM**

1. Name of Firm: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Mailing Address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Phone No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **4**. Fax No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**5.** Tender Fee Challan No. &amount\_\_\_\_\_\_\_\_\_\_\_\_\_CDR No.& Amount\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6.** General Sale Tax No:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **7**. Income Tax No.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**8**. Professional Tax No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Sr. #** | **Item** | **Qty** | **Rate per Item with all taxes** |
| **1** | **Standard-Incubators with natural convection** • Temperature range: ambient temperature +5 °C to 70 °C • APT.line™ preheating chamber technology • Natural convection • Adjustable exhaust air flap • Controller with timer function • Inner door made of tempered safety glass • 1 chrome-plated rack, incl. shelf supports • Class 3.1 integrated independent temperature safety device (DIN 12880) with visual alarm**TECHNICAL DATA:-** Performance Data Temperature Temperature range 5 °C above ambient temperature to [°C] 70 Temperature variation at 37 °C [± K] 0.7 Temperature fluctuation at 37 °C [± K] 0.1 Recovery time after 30 seconds door open at 37 °C [min] 15 Electrical data Rated Voltage [V] 230 Power frequency [Hz] 50/60 Nominal power [kW] 0.3 Unit fuse [A] 6.3 Phase (Nominal voltage) 1~ Measures Interior volume [L] 62 Net weight of the unit (empty) [kg] 35.5 Permitted load [kg] 30 Load per rack [kg] 15 Wall clearance back [mm] 160 Wall clearance sidewise [mm] 100 Internal Dimensions Width [mm] 400 Height [mm] 440 Depth [mm] 350 Doors Inner doors 1 Unit doors 1 Housing dimensions not incl. fittings and connections Width net [mm] 614 Height net [mm] 625 Depth net [mm] 577 Environment-specific data Energy consumption at 37 °C [Wh/h] 25 Fixtures Number of shelves (std./max.) 1/3 | 01No |  |

**Note: All the bidders are required to mention the details of their product being offered by them in the Technical proposal and also clearly mention the name & relevant major specifications of their offered product while quoting the financial bid as well. Mere reproduction of our tender documents will not serve the purpose and the bid may be liable to be rejected by the procuring agency in such cases.**

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2. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for

any accident and their consequent damages.

**Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Designation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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

**Attachments:**

Earnest Money draft (Yes/No)

Affidavit for non black listing (Yes/No)

Bid Validity (Yes/No)

Signed terms & conditions (Yes/No)

**Note:** Bid shall be signed by the bidder/authorized person for bidder.