



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 **FTIR & Equipment for Various Departments**, The Islamia University of Bahawalpur on FOR basis.

Tender No.	Category (Quantity and specifications are available in the tender document)	Estimated Cost	5% Bid Security
A	Purchase of FTIR for the Department of Chemistry	Rs.5,000,000/-	Rs.250,000/-
B	Purchase of Hotplate With Stirrer & Spectronic-50 for the Faculty of Science	Rs.1,300,000/-	Rs.65,000/-
C	Purchase of Laboratory Equipment Department of Chemistry (MCL)	Rs.1,150,000/-	Rs.57,500/-
D	Purchase of Laboratory Items for the Department of Physics	Rs.8,123,400/-	Rs.406,170/-

- 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.
- 5% Bank Guarantee** of the estimated cost as mentioned above separately against each tender (Refundable) in the shape of CDR / Bank Guarantee shall be attached with the bid, otherwise bid will be rejected.
- The rates should be quoted on FOR basis.
- 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.
- Procurement shall be governed under the Punjab Procurement Rules, 2014.
- 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.
- 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.
- Tender should reach in the Office of the Secretary SMPC Accounts Division Old Campus, The Islamia University of Bahawalpur upto **17.6.2021** by **10:30 AM**. Tenders will be opened on the same day at **11:00AM** in the presence of bidders or their representatives. In the office of Chairman Purchase Committee, Chemistry department Baghdad-Ul-Jadeed Campus.
- Any bid submitted after the given time schedule shall not be accepted.
- All taxes will be applicable as per Govt. Rules & Regulations.
- The rates should be valid upto 120-days from the date of opening of the tender.
- In case of closed/forced holidays, tender opening time/date will be considered as the next working day.



Chairman SMPC
The Islamia University of Bahawalpur
Baghdad-ul-Jadeed Campus, Bahawalpur.
Phone: 062-9255481

IPB-476

Daily Express Multan
Daily Pakistan Observer Islamabad
Dated 02.6.2021



The Islamia University of Bahawalpur

PROCUREMENT OF FTIR FOR INSTITUTE OF CHEMISTRY TENDER-A FORM (FINANCIAL BID)

1. Name of Firm: _____
2. Mailing Address: _____
3. Phone No: _____ 4. Fax No: _____
5. Tender Fee Challan No. & amount _____ 6. CDR No. & Amount _____
7. General Sale Tax No: _____ 8. Income Tax No. _____
9. Professional Tax No: _____

Sr	Name of Items	Quantity	Rate per item with all taxes
01	FTIR Compact and resilient design Easy adaptation to all sample types (Quick Snap™ sampling modules) Robust Rock Solid™ interferometer (wear-free and resistant to shocks and vibrations) Long-life C center Glow™ source Long-Life diode laser Intuitive operation and software Optional: integrated touch PC Optional: inert to high-humidity Low energy consumption or Equivalent	01	

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. Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from etc.**
3. Prices should be FOR. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
5. Validity of rate should be for 120 days from the date of opening of tenders.
6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.
7. Each page of tender documents should be signed and stamped by the bidder and attached with technical bid.
8. Key Person Contact No.0300-2525961

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 HOTPLATE WITH STIRRER & SPECTRONNIC-50 FOR CHEMISTRY DEPARTMENT TENDER-B FORM (FINANCIAL BID)

1. Name of Firm: _____
2. Mailing Address: _____
3. Phone No: _____ 4. Fax No: _____
5. Tender Fee Challan No. & amount _____ 6. CDR No. & Amount _____
7. General Sale Tax No: _____ 8. Income Tax No. _____
9. Professional Tax No: _____

Sr #	Name of Items	Quantity	Rate per item with all taxes
01	Hotplate with stirrer Technical Specification: Uniform heat distribution with coated aluminum alloy heating plate Excellent resistance to chemicals Maximum temperature 370°C Accepts up to 15 liter flasks Electronic speed regulation up to 1500 to 2000 rpm Excellent speed control, even at low speeds Speed Servo™ ensures constant speed even when the viscosity changes High power PCM-type driving magnet or Equivalent	01	
02	Spectronic-50 Technical Specification: 4-measurement modes, transmittance, absorbance, concentration and factor Tungsten (visible) lamp Wave length dial continuously adjusts from 200-800nm. Display : Digit LED Display Power Supply: 230VAC±10%, 50 Hz, Auto calibrated. or Equivalent	02	

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

- All material supplied must be brand new strictly conforming to the given specifications. Old, reconditioned or refurbished equipment shall not be acceptable.
- Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from etc.**
- Prices should be FOR. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
- Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
- Validity of rate should be for 120 days from the date of opening of tenders.
- The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.
- Each page of tender documents should be signed and stamped by the bidder and attached with technical bid.
- Key Person Contact No.0301-7736059

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 LABORATORY EQUIPMENT FOR CHEMISTRY DEPARTMENT TENDER-C FORM (FINANCIAL BID)

4. Name of Firm: _____

5. Mailing Address: _____

6. Phone No: _____ 4. Fax No: _____

5. Tender Fee Challan No. & amount _____ 6. CDR No. & Amount _____

7. General Sale Tax No: _____ 8. Income Tax No. _____

9. Professional Tax No: _____

Sr #	Name of Items	Cat. #	Quantity	Rate per item with all taxes
01	Microprobe Sampler Kit Sterile packed, should including tools for crystal mounting, tying loops, superglue	MD9-01 or equivalent	01 Kit (30 probes)	
02	Empty 96-well deep well blocks 96 well 2 mL, V-bottom block (square well), 2000 µL volume, 42.04, 128.27, 85.85, 43.94 (depth, length, width, height mm)	MD3-18-10 or equivalent	1 unit (10 blocks)	
03	Foam Dewar Dimensions and capacity required 1- Standard foam dewar = 5.7" diameter by 2.8" deep, 800ml minimum 2- Large foam dewar = 6.3" internal diameter by 3.8 deep, 1400 ml minimum 3- Tall foam dewar = 13" internal height (suitable for canes (5 and 6" Vial) and canisters, 1800 ml minimum	MD7-34 or equivalent	01	
04	Dry Shipper (CX100) Not less than 4 liters, IATA compatible, lockable lid, should be able to retain - 190°C	MD7-21 or equivalent	01	
05	Dry o ProtX (Cry protectant) Should be in ready-to-use form, secure kits, should offer a wider range of common cry protectants	MD1-61 or equivalent	01	

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

- All material supplied must be brand new strictly conforming to the given specifications. Old, reconditioned or refurbished equipment shall not be acceptable.
- Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from etc.**
- Prices should be FOR. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
- Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
- Validity of rate should be for 120 days from the date of opening of tenders.
- The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.
- Each page of tender documents should be signed and stamped by the bidder and attached with technical bid.
- Key Person Contact No. 0333-8946041

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 LABORATORY ITEMS FOR PHYSICS DEPARTMENT TENDER- D FORM (FINANCIAL BID)

9. Name of Firm: _____

10. Mailing Address: _____

11. Phone No: _____ 4. Fax No: _____

5. Tender Fee Challan No. & amount _____ 6.CDR No.& Amount _____

7. General Sale Tax No: _____ 8. Income Tax No. _____

9. Professional Tax No: _____

Sr #	Name of Items	Quantity	Rate per item with all taxes
Item 1	Triple Grating Spectrometer/Monochromatic Monochromatic/Spectrometer with triple grating turret 300-320mm focal length, Number of gratings on turret 3, includes three gratings with on-axis grating rotation & micro-stepping, wavelength range covered by gratings should be from UV to 4500 (\pm 500) nm, with one entrance and two exit slits including order sorting filters for all given range, all necessary cables and connectors. or Equivalent	1	
Accessories			
(i)	IR CW fiber coupled LASER system Wavelength 532nm, Diode pumped solid state Laser system including fiber cable, line filter, Safety Goggles, Software, all its accessories, Laptop to select the laser power and wavelength	1	
(ii)	White light Source Quartz halogen Lamp source with automated source selection from UV-Infrared range (0.3-30um), with regulated DC power supplies, interface to be integrated with monochromatic/spectrometer (main item 1), weight bearing feet to support the light source to reach the slit height of monochromatic (Main item 1).	1	
(iii)	Detector InGaAs Detector, cooled, detection range upto 2.5 μ m, traceable spectral responsively calibration kit, Opto-mechanical interface to integrate with monochromatic/spectrometer, including housing for the detector, including required power supply integrated with detector model, cooling controller, compatible with the given software for data acquisition and controlling the monochromatic, Including particularly Spectral data acquisition controller module, All necessary power cables, cables to connect with lock in amplifier, long coaxial cable with BNC connector at both ends.	1	
(iv)	Lock in Amplifier DSP-Lock in Amplifier with rack mount, digital, compatible with given software for data acquisition from detector and controlling the monochromator, dual channel GPIB and RS-232 interfaces, DSP lock-in amplifier module, Preamplifier module. Fully automated with two input channels, BNC T shape adapter	1	
(v)	Optical Frequency Chopper System Free optical chopper system including its base to be mounted on optical table, with chopper controller, chopping blade for chopping frequencies in range of 25Hz to 1 KHz, necessary power cables, coaxial cables to communicate with the lock in amplifier	1	
(vi)	Software Windows software Offering complete instrument control and data acquisition from monochromatic, components (lock in Amplifier, detector) Provides extensive data manipulation, data processing, import and export. Requires Windows XP, Vista, Window 7 or Windows 10.	1	
(vii)	Miscellaneous 4 main leads and 2 USB cables,		
Item 2	Optical Table Optical Table, top 5mm thick, with Tall Active Isolator Legs, with M6 type holes spaced by 25mm	1	

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

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2. Only certified dealers/distributors of the following manufacturers are eligible: **A standard company from etc..**
3. Prices should be FOR. If the items supplied are not according to the required specification/make it will have to be replaced by the firms on their own cost.
4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
5. Validity of rate should be for 120 days from the date of opening of tenders.
6. The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.
7. Each page of tender documents should be signed and stamped by the bidder and attached with technical bid.
8. Key Person Contact No.0300-4522597

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.

Technical Specification Of Tender A

Sr	Name of Items
01	FTIR Compact and resilient design Easy adaptation to all sample types (Quick Snap™ sampling modules) Robust Rock Solid™ interferometer (wear-free and resistant to shocks and vibrations) Long-life C center Glow™ source Long-Life diode laser Intuitive operation and software Optional: integrated touch PC Optional: inert to high-humidity Low energy consumption or Equivalent

Technical Specification Of Tender B

Sr #	Name of Items
01	Hotplate with stirrer Technical Specification: Uniform heat distribution with coated aluminum alloy heating plate Excellent resistance to chemicals Maximum temperature 370-c Accepts up to 15 liter flasks Electronic speed regulation up to 1500 to 2000 rpm Excellent speed control, even at low speeds Speed Servo™ ensures constant speed even when the viscosity changes High power PCM-type driving magnet or Equivalent
02	Spectronic-50 Technical Specification: 4-measurement modes, transmittance, absorbance, concentration and factor Tungsten (visible) lamp Wave length dial continuously adjusts from 200-800nm. Display : Digit LED Display Power Supply: 230VAC±10%, 50 Hz, Auto calibrated. or Equivalent

Technical Specification Of Tender C

Sr #	Name of Items	Cat. #
01	Microprobe Sampler Kit Sterile packed, should including tools for crystal mounting, tying loops, superglue	MD9-01 or equivalent
02	Empty 96-well deep well blocks 96 well 2 mL, V-bottom block (square well), 2000 µL volume, 42.04, 128.27, 85.85, 43.94 (depth, length, width, height mm)	MD3-18-10or equivalent
03	Foam Dewar Dimensions and capacity required 1- Standard foam dewar = 5.7" diameter by 2.8" deep. 800ml minimum 2- Large foam dewar = 6.3" internal diameter by 3.8 deep. 1400 ml minimum 3- Tall foam dewar = 13" internal height (suitable for canes (5 and 6 Vial) and canisters. 1800 ml minimum	MD7-34 or equivalent
04	Dry Shipper (CX100) Not less than 4 liters, IATA compatible, lockable lid, should be able to retain -190°C	MD7-21 or equivalent
05	Dry o ProtX (Cry protectant) Should be in ready-to-use form, secure kits, should offer a wider range of common cry protectants	MD1-61 or equivalent

Technical Specification of Tender D

Sr #	Name of Items
Item 1	<p>Triple Grating Spectrometer/Monochromatic Monochromatic/Spectrometer with triple grating turret 300-320mm focal length, Number of gratings on turret 3, includes three gratings with on-axis grating rotation & micro-stepping, wavelength range covered by gratings should be from UV to 4500 (± 500) nm, with one entrance and two exit slits including order sorting filters for all given range, all necessary cables and connectors. or Equivalent</p>
Accessories	
(i)	<p>IR CW fiber coupled LASER system Wavelength 532nm, Diode pumped solid state Laser system including fiber cable, line filter, Safety Goggles, Software, all its accessories, Laptop to select the laser power and wavelength</p>
(ii)	<p>White light Source Quartz halogen Lamp source with automated source selection from UV-Infrared range (0.3-30um), with regulated DC power supplies, interface to be integrated with monochromatic/spectrometer (main item 1), weight bearing feet to support the light source to reach the slit height of monochromatic (Main item 1).</p>
(iii)	<p>Detector InGaAs Detector, cooled, detection range upto 2.5μm, traceable spectral responsivity calibration kit, Opto-mechanical interface to integrate with monochromatic/spectrometer, including housing for the detector, including required power supply integrated with detector model, cooling controller, compatible with the given software for data acquisition and controlling the monochromatic, Including particularly Spectral data acquisition controller module, All necessary power cables, cables to connect with lock in amplifier, long coaxial cable with BNC connector at both ends.</p>
(iv)	<p>Lock in Amplifier DSP-Lock in Amplifier with rack mount, digital, compatible with given software for data acquisition from detector and controlling the monochromator, dual channel GPIB and RS-232 interfaces, DSP lock-in amplifier module, Pre-amplifier module. Fully automated with two input channels, BNC T shape adapter</p>
(v)	<p>Optical Frequency Chopper System Free optical chopper system including its base to be mounted on optical table, with chopper controller, chopping blade for chopping frequencies in range of 25Hz to 1KHz, necessary power cables, coaxial cables to communicate with the lock in amplifier</p>
(vi)	<p>Software Windows software Offering complete instrument control and data acquisition from monochromatic components (lock in Amplifier, detector) Provides extensive data manipulation, data processing, import and export. Requires Windows XP, Vista, Window 7 or Windows 10.</p>
(vii)	<p>Miscellaneous 4 main leads and 2 USB cables,</p>
Item 2	<p>Optical Table Optical Table, top 5mm thick, with Tall Active Isolator Legs, with M6 type holes spaced by 25mm</p>