



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.

Tender No.	Category (Quantity and specifications are available in the tender document)	Estimated Cost	2% Bid Security
A	Lab Equipment's for Agronomy Department	Rs.1042000 /-	Rs.20840 /-

- 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% Bank Guarantee** of the estimated cost as mentioned above separately against each tender (Refundable) in the shape of 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 Chairman Science Material Purchase Committee, Department of Chemistry, Baghdad-ul-Jadeed Campus The Islamia University of Bahawalpur upto **06.10.2020 by 11:00 AM**. Tenders will be opened on the same day at **11:30 AM** in the presence of bidders or their representatives.
- 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: 062-9255480



The Islamia University of Bahawalpur

PROCUREMENT OF LAB EQUIPMENTS FOR AGRONOMY 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: _____

Sr. #	Item	Qty	Rate per Item with all taxes
1	<p>Laminar Flow Cabinet</p> <p>Performance</p> <ul style="list-style-type: none"> <input type="checkbox"/> ISO class 4 (US class 10) HEPA filter for optimal protection against cross-contamination. <input type="checkbox"/> 0.3 µm and larger particulates are removed with 99.99% efficiency, leak-tight HEPA filter which satisfying class 10. (US Federal Standard 209E) (average life span of HEPA filter: 3 years – it depends on the test room conditions) <input type="checkbox"/> High-quality polyester fiber pre filter (with minimal pressure loss and 85% arrestant on the A.F.I. test) for trapping larger particles and increasing the life of the main HEPA filter. Digital airflow rate sensor (microprocessor) for automated airflow speed control. - Offers continual airflow speed of same velocity and extends the HEPA filter life span. <input type="checkbox"/> Exclusive diffusing muffler structure forms high quality laminar flow. <input type="checkbox"/> Quiet and comfortable working environment. (less than 65dB) <p>Specification</p> <p>Air flow type: Vertical laminar flow</p> <p>Air volume:(minimum / maximum) 0 to 1020 cmh / 0 to 600 cfm (m / s / fpm) 0.3 / 59</p> <p>Laminar airflow velocity: ISO 14644-1 class 4, US Federal Standard 209E class 10</p> <p>Air cleanliness within work space: Filters</p> <p>HEPA filter: Typical efficiency of 99.99% on 0.3µ (US MIL - STD -282)</p> <p>Pre filter: Micro glass fiber Media, Particle board, AL separator, Neoprene gaskets Polyester fibers with an filter efficiency of 85% (A-F-I TEST) ; Aluminum frame, Polyester fiber media</p> <p>Noise level: Typically < 65dB at blower speed</p> <p>Materials: Main body Steel powder coating</p> <p>Work surface: Stainless steel grade 304, Hairline treatment</p> <p>Windows (front / side): Colorless and transparent UV absorbing 5mm tempered glass</p> <p>Intensity (lux): > 650</p> <p>Fluorescent lamp (W): 30 x 2ea 32 x 2ea, Electronically ballasted Fluorescent Lamp</p> <p>UV lamp (W): 25 x 1ea 30 x 1ea 25 x 2ea, Electronically ballasted UV Lamp</p> <p>Electric socket outlets: 230V socket</p> <p>Dimension (W×D×H):</p> <p>Interior (mm / inch): 945×570×670/ 37.2×22.4×26.4</p> <p>Exterior (mm / inch): 1135×647×1150/ 44.7×25.5×45.3</p>	01 Nos.	
2	<p>Double Beam UV/Vis Spectrophotometer</p> <p>With analysis software.</p> <p>double beam spectrophotometer successfully realize high accuracy and reliability measurement to meet various application requirements. It can be used extensively for qualitative and quantitative analysis in such fields as biochemical research and industry, pharmaceutical analysis and production, education, environmental protection, food industry, clinical examination, sanitation and ant epidemic etc.</p> <p>Optical System Rowland off-circle arrangement</p> <p>Single monochromator Double beam type</p> <p>Light source Halogen lamp, Deuterium lamp</p> <p>Wavelength range 185 to 1100 nm</p> <p>Wavelength accuracy +/-0.2 nm (at 656.1 nm)</p> <p>Wavelength repeatability +/-0.1 nm</p> <p>Spectral bandwidth (SBW) 1 nm</p> <p>Stray light 1 % (198 nm KCL 12 g/L aqueous solution) 0.02 % (220 nm NaI 10 g/L aqueous solution) 0.02 % (340 nm NaNO₂ 50 g/L aqueous solution) 0.02 % (370 nm NaNO₂ 50 g/L aqueous solution) SBW: 1 nm</p>	01 Nos.	

Photometric range	-3~3 Abs
Photometric accuracy	+/-0.0015 Abs (0 to 0.5 Abs)
	+/-0.0025 Abs (0.5 to 1 Abs)
	+/-0.3 %T Tested with NIST SRM 930D
Photometric repeatability	+/-0.0005 Abs (0 to 0.5 Abs)
	+/-0.0005 Abs (0.5 to 1 Abs)
	Tested with NIST SRM 930D
Scanning speed	10-8000 nm/min
Slew speed	24,000 nm/min
RMS noise	0.00004 Abs (0 Abs, wavelength: 500 nm, measurement time: 60 sec, SBW: 1 nm)
Baseline stability	0.0004 Abs/hour (Value obtained more than one hour after turning on the source, when the room temperature is stabilized, wavelength: 250 nm, response: slow)
Baseline flatness	+/-0.0005 Abs (200 - 1000 nm)
Detector	Silicon photodiode
Standard functions	IQ accessories, Start button, Analog output
Standard programs	Abs/%T meter, Quantitative analysis, Spectrum measurement, Time course measurement, Fixed wavelength measurement, Validation, Daily maintenance, Two wavelength time course measurement

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 UK, USA, Japan, Singapore, Korean and Europe 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 90 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.

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.