Tender Notice

Sealed Tenders are invited from the Firms, Authorized Distributors/Dealers/Ssupplier having established credentials in terms of Technical, Financial and Managerial capabilities for the supply of **Equipment** for the Department of Chemistry, the Islamia University of Bahawalpur as per details given below, on FOR basis.

<table>
<thead>
<tr>
<th>Tender No.</th>
<th>Category</th>
<th>Estimated Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Equipment for Chemistry Department: (Qty. &amp; Specifications as available in Tender Documents)</td>
<td>Rs.13,00,000/-</td>
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</table>

1. Interested bidders may get the Tender Documents containing detailed specifications, terms and conditions from the Purchase Section, Treasurer's Office Abbasiya Campus (Old), the Islamia University of Bahawalpur during office hours 8:00 A.M. to 4:00 P.M. on submission of written application on letter head and a copy of CNIC along with payment of (non refundable fee) of Rs.1000/- through Bank challan HBL in A/C 14730000010403 or pay order in the name of the Treasurer Islamia University of Bahawalpur for bidding document OR can be down loaded from the IUB Website www.iub.edu.pk or PPRA website www.ppра.punjab.gov.pk

2. 03% bid security of total value (Refundable) in shape of pay order shall be attached with the bid, otherwise bid will be rejected.

3. The rates may 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 same day at 12:00 Noon in the presence of the bidders or their authorized representatives by the Purchase Committee.

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

6. The rates should be quoted inclusive all taxes. Copy of paid bank challan Professional tax also be provided.

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 be reached in the Office of the Chairman (SMPC), Department of Chemistry, the Islamia University of Bahawalpur upto **18 October, 2016 by 11:00 a.m.** Tenders will be opened on the same day at 11:30 a.m. in the presence of bidders or their representatives.

9. All bids submitted after the given time shall not be accepted.

10. Taxes will be applicable as per Govt. Rules & Regulations.

11. The rates should be valid upto 90-days from the date of opening the tender.

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

Chairman SMPC / Chairman Deptt. of Chemistry
The Islamia University of Bahawalpur
Baghdad-ul-Iadeed Campus, Bahawalpur.
Phone: 062-9255473

IPB-1105
Tender-A/2016- Equipments:

Specifications of Equipments

1. Rotary Evaporator

Features:
• With built in large digital 3.5” LCD display which indicates rotation speed, heating bath temperature and vapour temperature (vapour temperature sensor required)
• With built in Timer
• Reduce your process times up to 30%
• The chemical resistant vacuum seal reduces your spare parts budget up to 75% with prolonged operational lifespan
• Savings at the same high level are possible due to the long service life vapour tube.
• With additional number of safety features
• Affordable model with hand lift, Drive DC motor with
• electronic speed control, rotation speed range 20 – 280 rpm and temperature range of heating bath 20 – 210°C, temperature accuracy ±1°C, electronic heating bath temperature control, overheat cut-off protection 5°C over set temperature, heating capacity of water bath 1300 Watt, volume of heating bath 4.5 Litres with glass Set G-1 with diagonal condenser, complete
• Unit operated on 220 Volts

2. Vacuum Pump
• PTFE Diaphragm Chemistry Design two Stage provides the advantageous combination of High Pumping Speed and low Ultimate vacuum Suitable for Rotary Evaporators, all pumping parts in contact with pumped media are made of Chemically Resistant Flour plastics.
• MZ1C is Equipped with a Gas ballast Valve for Continuous Condensate Purge with Built-in manual Vacuum Regulator Valve with Gauge for Adjustment of Pumping Speed

Technical Specification:
• Number of Head / Stages 2
• Capacity: 15 lit/minute approx
• Maximum Pumping Speed 0.75 m³/h/0.9 m³/h
• Ultimate Vacuum 12 mbar
• Ultimate Vacuum with Gas Ballast 20 mbar
• Operated on 220 Volts

3. Distillation Chiller
• with air-cooled refrigeration and built in circulation pump, Evaporator Tank and housing all made of stainless steel, digital temperature adjustment and digital temperature display, level indicator with sight glass, built in micro-processor controller with a large temperature display, LED indicators for pump cooling and heating.

Technical Features:
• Operating temperature range: Minus 20 to 40°C
• Temperature adjustment: Digital
• Temperature indication: Digital
• internal temperature sensor: PT100
• Resolution of display: 0.1K
• Refrigeration machine: air-cooled, CFC-free
• Circulation Pump: Built in
• Max. Delivery (pressure): 20 l/min.

4. Magnetic Stirrer with Hot Plate
• Temperature range up to 370°C,
• Variable Speed Control upto 1200rpm
• Heating Plate Ø: 155mm,
• Stirring capacity: 15 liter
• Power: 630 Watt, with PTFE follower, operated on 220 volts,
5. **Heating Mantle**
   - Control method: proportional voltage control
   - Case construction: steel, with chemically, Resistant powder coating. Thermal insulation: asbestos-free ceramic cool, (Fiber glass).
   - Capacity 5.0 lit

**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 delivery to the Chemistry Department, The Islamia University of Bahawalpur. 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.