

The Islamia University of Bahawalpur

SHORT TENDER NOTICE

Sealed Tenders are invited from the Firms, Authorized Distributors/Dealers/Supplier having established credentials in terms of Technical, Financial and Managerial capabilities for the supply of **Scientific Equipment** for Department of Life Science, **Chemicals** for Pharmacy Department, **Equipment & Instrument** for Chemistry Department, **Equipment** for UCE&T, The Islamia University of Bahawalpur as per details given below, on FOR basis.

Tender- No.	Category	Estimated Cost
A	Scientific Equipment for Life Science Department (Qty. & Specifications as available in Tender Documents)	Rs.1370000/-
B	Chemicals for Pharmacy Department (Qty. & Specifications as available in Tender Documents)	Rs.8,00,000/-
C	Equipment & Instrument for Chemistry Department (Qty. & Specifications as available in Tender Documents)	Rs.28,00,000/-
D	Equipment for UCE&T (Qty. & Specifications as available in Tender Documents)	Rs.1,20,000/-

- Interested bidders may get the Tender Documents containing detailed specifications, terms and conditions from the Purchase Section, Treasurer's Office Abbasia 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/- (each tender) 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.ppra.punjab.gov.pk
- 05% bid security of total value (Refundable) in shape of pay order shall be attached with the bid, otherwise bid will be rejected.
- The rates may 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 same day at 12:00 Noon in the presence of the bidders or their authorized representatives by the Purchase Committee.
- Procurement shall be governed under the Punjab Procurement Rules.
- The rates should be quoted inclusive all taxes. Copy of paid bank challan Professional tax also be provided.
- 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 be reached in the Office of the Chairman (SMPC), Department of Chemistry, The Islamia University of Bahawalpur upto **26-05-2016 by 11:00 A.M.** Tenders will be opened on the same day at **11:30 AM** in the presence of bidders or their representatives.
- All bids submitted after the given time shall not be accepted.
- Taxes will be applicable as per Govt. Rules & Regulations.
- The rates should be valid for 60-days from the date of opening 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: 062-9255473

Tender-A/2016- Scientific Equipment for Life Science Department:

Sr.#	Name of Equipment	Qty	Rate with all taxes (if applicable)
1	<p>TRINOCULAR RESEARCH FLUORESCENCE MICROSCOPE, WITH CAMERA</p> <p>Seidentopf Trinocular Head, 30° Inclined, Rotatable 360°, Interpupillary Distance 50-75mm, Light Distribution (binocular tube: photo tube): 20:80 Eyepiece: WF10x/20mm Objective Infinity E-Plan achromatic objective 4x Infinity E-Plan achromatic objective 10x Infinity E-Plan achromatic objective 40x(S) Infinity E-Plan achromatic objective 100x(S, Oil) Focus System Low positioned, coaxial coarse & fine focusing knobs, travel range 26mm, scale 2µm Nosepiece: Quadruple Stage: Mechanical Stage, size 145 x 140mm, moving range 76 x 52mm, two slide holder Condenser: Abbe N.A.1.25 with aperture iris diaphragm Filter: Blue Fluorescence Attachment: Epi-Fluorescence illumination unit (B,G) 100W Mercury lamp house 100W Mercury power supply Light Source: Koehler illumination, 6V 20W halogen lamp, brightness adjustable Power Supply: 100-240V, 50/60Hz</p>	01 No.	
2	<p>UV/VIS Spectrophotometer Double Beam Biotechnology Medical Services K. Canada Inc. Canada.</p> <p>The newly designed double beam UV-1602 UV/VIS 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>Features:</p> <ul style="list-style-type: none"> - Wide wavelength range, satisfying requirements of various fields. - Five options for spectral bandwidth selection, 5nm, 4nm, 2nm, 1nm and 0.5nm, made according to customer's need and satisfying the requirements of pharmacopoeia. - Fully automatic design, realizing the simplest measurement. - Optimized optics and large-scale integrated circuits design, light source and receiver from world famous manufacturer all add up to high performance and reliability. - Rich measurement method, wavelength scan, time scan, multi wavelength determination, multi order derivative determination, double wavelength method and triple wavelength method etc., meet different measurement requirements. - Automatic 10mm 8-cell holder, changeable to automatic 5mm-50mm 4-position cell holder for more choices. - Data output can be obtained via a printer port and a RS-232 interface (RS485 and USB port optional). - Parameters and data can be saved for user's convenience. - PC controlled measurement can be achieved for more accurate and flexible requirement. <p>Specifications:</p> <ul style="list-style-type: none"> - Wavelength Range: 190-1100nm - Spectral Bandwidth: 2nm (5nm, 4nm, 1nm, 0.5nm optional) - Wavelength Accuracy: ±0.3nm - Wavelength Reproducibility: ≤0.15nm - Optical System: Double beam - Photometric Accuracy: ±0.3%T (0~100%T), ±0.002A (0~1A) - Photometric Reproducibility: ≤0.15%T - Working mode: T, A, C, E - Stray Light: ≤0.1%T (NaI, 220nm, NaNO₂ 340nm) - Baseline Flatness: ±0.002A - Stability: ≤0.001A/h (at 500nm, after warming up) - Noise: ±0.001A (at 500nm, after warning up) - Display: 6 inches high light blue LCD - Detector: Silicon photo-diode - Power: 220 Volt, 50/60 Hz, - Dimensions: 6300x470x210mm <p><i>(For detailed specifications literature is attached)</i></p>	01 No.	
3	Electrophoresis	01 No.	

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, China and Europe etc.**
3. Prices should be FOR delivery to the Life Science 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 firm on its own cost.
4. Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
5. Validity of quoted 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.
7. Other terms & conditions will be conveyed at the time of issuing of supply order.

Tender-B- /2016- Chemicals for Pharmacy Department:

Sr. No.	Name	Quantity	Rate with all taxes
1.	Ammonia Solution	25 L.	
2.	Acetic Acid Glacial	25 L.	
3.	Acetone A.R.	25 L.	
4.	Atropine Sulphate	01 kg	
5.	Acetyl Chloride	05 L.	
6.	4- Amine Benzoic Acid	02 kg	
7.	Benzoic Acid	05 Kg	
8.	Benzoyl Chloride	03 L.	
9.	Bees Wax	05 kg	
10.	Bentonite	02 kg	
11.	Benzophenone	03 kg	
12.	Buffer Tablet PH 4,7,9-2	150 Tab.	
13.	Benzyl Chloride	03 L.	
14.	Calcium Carbonate	10 kg	
15.	Citric Acid	10 kg	
16.	Cinamic Acid	02 kg	
17.	Calcium Lactate	05 kg	
18.	Cholral Hydrate	03 kg	
19.	Creaminine	10 kg	
20.	Cyclo Hexane	05 L.	
21.	Cedar Wood Oil	03 L.	
22.	Cinnamon Oil	02 L.	
23.	Castor Oil	25 Liter	
24.	Cetyl Alcohol Merck	03 kg	
25.	Carbon Fucshine Stain	50 gm	
26.	Di Methyl Sulfoxide	10 L.	
27.	Diclofenic Sodium	02 kg	
28.	Ether Solvent	15 L.	
29.	Ethyl Cellulose 22cp (Sigma)	02 kg	
30.	Ferric Chloride	03 kg	
31.	French Chalk	30 kg	
32.	Gallic Acid	2 kg	
33.	Glycerin	80 Ltr	
34.	Glutamic Acid	01kg	
35.	Hydro Chlorice Acid A.R	25 liter	
36.	Iodine Cryst	03 kg	
37.	Ibu Profen	03 kg	
38.	Lemon oil	03 liter	
39.	Light Kaoline	10 kg	
40.	Methyl Cellulose	10 kg	
41.	Mercuric Chloride	02 kg	
42.	Magnesium Chloride	05 kg	
43.	Methyl Paraben (Merck/Sigma)	03 kg	
44.	Magnessuim Carbonate	05 kg	
45.	Nitric Acid A.R.	25 liter	
46.	Ninhydrin Sigma	250 gm	
47.	Parafine Oil (Merck)	25 Liters	
48.	Nutrient Agar Oxide	02 kg	
49.	Nutrient Broth Oxide	02 kg	
50.	Naphthalein	03 kg	

Sr. No.	Name	Quantity	Rate with all taxes
51.	Oxalic Acid	05 kg	
52.	Olive Oil Spain	04 L.	
53.	Pottassium Thio Cyanate	05 kg	
54.	picric Acid	03 kg	
55.	Petroleum Sprit 40-60	15 litre	
56.	Potassium Hydroxide A.R.	10 Kg	
57.	Per Chloric Acid	02 Ltr	
58.	Petroleum Jelly	100 kg	
59.	L-Proline	100 gm	
60.	2-Proporal	25 litre	
61.	Polyethylen Glycol	25 litre	
62.	Poly Vinyl Alocohl Fluka 81440 Sigma/Across	02 Kg	
63.	Peppermint Oil	05 L.	
64.	Resorinal	03 kg	
65.	Sodium Carbonate A.R.	10 kg	
66.	Sodium Hydroxide	10 kg	
67.	Sodium Bi Carbonate A.R.	10 kg	
68.	Salicylic Acid	05 kg	
69.	Sodium Acetate	05 kg	
70.	Sulphoric Acid A.R	25 litre	
71.	Silica Gel Thin Layer Chromatography Fluka 60760	10 kg	
72.	Sodium Sulphate	05 kg	
73.	Sodium Metal	02 kg	
74.	Sodium Nitrite	03 kg	
75.	Silver Nitrate Merck	100 gm	
76.	Sulphure Powder	3kg	
77.	Sodium Chloride A.R.	10 kg	
78.	Sodium Sulphate	03 kg	
79.	Sodium Alginate	01 kg	
80.	Span 80	03 Ltr	
81.	Span 20	03 Ltr	
82.	Tartaric Acid	05 Kg	
83.	Thio Urea	03 Kg	
84.	Tween 20	05 L.	
85.	Turpentine Oil	30 L.	
86.	Tyrosine	100 gm	
87.	Tweven 80	05 L	
88.	Urea	03 Kg	
89.	Eucalptus Oil	5 L.	
90.	Whatman Filter Paper No. 40,41,42	30 Pack	
91.	Wool Fat	10kg	

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3. Prices should be FOR delivery to the Pharmacy 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.
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Tender-C/2016- Equipment & Instrument for Chemistry Department:

Sr.#	Name of Apparatus	Quantity	Rate with all taxes (if applicable)
01	<p><u>HOTPLATE WITH STIRRER</u></p> <ul style="list-style-type: none"> • Technical Specifications: • 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 rpm • Excellent speed control, even at low speeds • Speed Servo™ ensures constant speed even when the viscosity changes • High power PCM-type driving magnet 	15 -No.	
02	<p><u>SPECTRONIC-50</u></p> <ul style="list-style-type: none"> • Technical Specifications: • 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. 	2-No.	
03	<p><u>INCUBATOR CUM SHAKER</u></p> <ul style="list-style-type: none"> • programmable • Temperature Controlled • Temperature range up to 80°C 	01-No.	
04	<p><u>ASPARATOR</u></p> <p>Maximum air flow: 35 l/min Flow regulation: from 0 to 35 l/min Residual pressure with water temperature of 15°C: 35 mm Hg Power: 160 W Weight: 8.4 Kg (18.5 lb) Dimensions (WxHxD): 250x400x370 mm (9.8x15.7x14.6 in)</p>	01-No.	
05	<p><u>MICRO PIPETTES (Including Eppendorf tubes, Blue Tips, Green Tips, Yellow Tips)</u></p> <ul style="list-style-type: none"> • Technical Specifications: • Variable adjustment • Manual setting of value • Range: 2-10ul, 10-100ul, 100-1000ul, 500-5000ul 	03 Set of 03	
06	<p><u>POWER SUPPLY FOR ELECTROPHORSIS</u></p> <ul style="list-style-type: none"> • digital voltage range 10 –300V in 1 V step, • Current 4–400 mA in 1mA steps 75 Watt. • Touch panel, status alarm, constant voltage or current safety features includes, no load detection, over voltage protection, 4 parallel outputs, with timer control 0–999minute, operated on 220 Volts 	02-No.	
07	<p><u>Abb's Refractometer</u></p> <ul style="list-style-type: none"> • Latest model 	05+-No.	
08	<p><u>Drying Oven</u></p> <ul style="list-style-type: none"> • Latest model 	01-No.	
09	<p><u>96-Wellplate Reader (UV visible)</u></p> <ul style="list-style-type: none"> • Latest model 	01-No.	

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3. Prices should be FOR delivery to the Pharmacy 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.
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Tender-D/2016- Equipment for University College of Engineering & Technology:

Sr. No.	Item Name	Specifications	Quantity	Rate with all taxes (if applicable)
1	Raspberry PI RPI 3 Model B	<p style="text-align: center;">Annex-1</p> <p><u>Technical Specifications of 3rd Generation Raspberry PI (RPI 3) Model B</u> <i>Reference: https://www.raspberrypi.org/products/raspberry-pi-3-model-b/</i></p> <p>The Raspberry Pi 3 is the third generation Raspberry Pi. It replaced the Raspberry Pi 2 Model B in February 2016. Compared to the Raspberry Pi 2 it has:</p> <ul style="list-style-type: none"> • A 1.2GHz 64-bit quad-core ARMv8 CPU • 802.11n Wireless LAN • Bluetooth 4.1 • Bluetooth Low Energy (BLE) <p>Like the Pi 2, it also has:</p> <ul style="list-style-type: none"> • 4 USB ports • 40 GPIO pins • Full HDMI port • Ethernet port • Combined 3.5mm audio jack and composite video • Camera interface (CSI) • Display interface (DSI) • Micro SD card slot (now push-pull rather than push-push) • VideoCore IV 3D graphics core <p>The Raspberry Pi 3 has an identical form factor to the previous Pi 2 (and Pi 1 Model B+) and has complete compatibility with Raspberry Pi 1 and 2.</p>	10	
		<p style="text-align: center;">Annex-2</p> <p><u>3rd Generation Raspberry PI (RPI 3) Model B Media Center Kit required to be purchased</u> <i>Reference: https://thepihut.com/collections/all-of-the-things/products/raspberry-pi-3-media-centre-kit</i></p> <p>Raspberry Pi 3 Media Centre kit includes everything you need to get going right out of the box!</p> <p>Kit Includes:</p> <ul style="list-style-type: none"> • Latest Raspberry Pi 3 Model B (64bit Quad Core, 1GB RAM) • 8GB Sandisk Ultra Class 10 MicroSD (pre-imaged with Kodi OpenELEC) • Official Raspberry Pi 5.1V 2.5A International Power Supply (for UK, EU, USA & AUS) • Black Raspberry Pi 3 Case • 2M HDMI cable • 2M Ethernet Cable 		

Note:

1. The supplier will be responsible to commission the equipment in the labs of Engineering College, Islamia University Bahawalpur. Any other accessories considered necessary should therefore be quoted separately priced item wise with the view that satisfactory commissioning and handling over of the equipment is ensured.
2. **Manual/Literature**
 Complete set of manuals and other technical literature as well as Users Guide with guided experiments will be provided with the system. The manuals/literature shall be fully illustrative and written in good quality English to enable the students to understand the SCADA system fully. The quality of the manuals will be highly rated in the assessment of the offers. Poorly written manuals/literature will result in rejection of the bids since and if the manuals fail to explain fully the functioning of the system to the students then the equipment is of no use. A set of complete literature/manuals shall therefore be supplied with the bid.

Terms & Conditions

- i)** Bidder must submit Principal's Quotations/Performa Invoice in original duly signed, clearly indicating the complete specifications of each item as per tender inquiry.
- ii)** Offer must be supported with comprehensive technical literature and specifications in original (English) for the materials/goods offered.
- iii)** Where reference is made to any specific national or international standards, equal or higher quality standard will also be acceptable. In case, your offer conforms to standards other than quoted in the tender inquiry, you are required to submit the following documents along with your bid.
 - a)** One copy of those standards in English
 - b)** Evidence that the standard used was recognized and authoritative to ensure equal or higher quality.
- iv)** All material supplied must be brand new strictly conforming to the given specifications .Old or reconditioned or refurbished equipment shall not be acceptable.
- v)** Any conditional, ambiguous, incomplete, supplementary or revised offer after opening of tender shall not be entertained.
- vi)** After-sales service and supply of spare parts must be guaranteed. All supplies must be covered by a comprehensively warrantee for period of one year after delivery. Any warrantee for a greater period will be preferred.
- vii)** Draft for proposed agreement after-sales and services (labour and parts) shall be provided along with the bids.
- viii)** The bidders may be asked to give technical presentation of their product.
- ix)** The equipment of Indian origin will not be acceptable.
- x)** The vendors will be responsible for any damages during Transit/Delivery. They will also be responsible for any accident and their consequent damages.
- xi)** Other terms & conditions will be conveyed at the time of issuing of supply order.