

Independent University, Bangladesh

Purchase & Procurement Department

Plot # 16, Block # B, Aftabuddin Ahmed Road,
Bashundhara R/A, Dhaka. 1229.

The Purchase & Procurement Department, Independent University, Bangladesh (IUB) invites sealed quotations for supply, installation, testing and commissioning of the following lab equipment for the Department of Pharmacy under the terms and conditions as mentioned below:

SN	Items Name	Specification	Quantity	Unit Price	Total (Tk)
01	Inverted fluorescence & phase contrast tissue culture microscope (Complete set)	<p>Inverted Bright Field & Phase Contrast and Fluorescence Microscope Trinocular Standard Set 220V, 50Hz.</p> <p>Country of origin: Japan, UK, USA Country of assembling: To be mentioned by the bidder</p> <p>Camera Model: DP23-PC-SET Microprocessor Control Advanced Digital Micro-Photographic System 6.4 Mega Pixel Std. Set 220V, 50 Hz with PC: Intel Core i5 CPU with USB 3.0 port, 4GB RAM, 1TB HDD, DVD Writer, HD Monitor 22", Mouse, Key Board, Windows 10 OS with 64/32 bit and 250 Watt Power supply for CPU.</p> <p>Consists of the following: Microscope Frame with Binocular tube and Eye Pieces, including L-wrench, clamp for camera cable and screw Attachable mechanical stage with right-hand vertical low drive controls. Stage extension plate Metal stage insert plate Universal Holder U Plan Semi Aplanachromat Phase Objective 10X/0.3, WD 10 Long working distance Plan Semi Aplanachromat Phase Objective 20X, NA 0.45, WD 6.6-7.8 (c.c.0-2) Long working distance Plan Semi Aplanachromat Phase Objective 40X, NA 0.6, WD 3.0-4.2 (c.c.0-2) Phase contrast slider, center able including centering tools Phase contrast ring slit Phase contrast ring slit Centering telescope Interference green contrast filter 45mm dia. ND Filter Power cord Dust cover Type 012 Lamp housing for 100W Mercury Power supply unit for Mercury lamp Reflected light Fluorescence illuminator equipped with field stop, 3-position fluorescence slider (with B Excitation filter set and G Excitation filter set) and 3-position (ND, empty and shutter) ND slider, including UV shield plate.</p>	01 (set)		

		<p>Mirror Unit for Fluorescence Microscopy, wide band Blue Excitation, exciter filter BP460-495, Dichroic beam splitter DM505, Barrier filter BA510-IF</p> <p>* Tetramethyl rhodamine isothiocyanate filter 9TRITC) : 594nm</p> <p>* Fluorescein isothiocyanate filter (FITC):488 nm</p> <p>* 4,6- diamidino-2-phenylindole (DAPI): 350nm , including plastic case</p> <p>Mirror unit for Fluorescence Microscopy, wide band interference Green Excitation, with exciter filter BP530-550, Dichroic beams plitter DM570 and Barrier filter BA575-IF, including plastic case</p> <p>Mirror Unit for Fluorescence Microscopy, wide band UV Excitation, exciter filter BP340-390, Dichroic beam splitter DM410, barrier filter BA420-IF, including plastic case</p> <p>USH103OL, 100W Mercury burner</p> <p>C-mount video attachment with 0.5X lens</p> <p>Digital Camera for Microscope with 2.83 M pixel CCD</p> <p>CellSens Main License including License sheet (Made in Germany)</p> <p>CellSens DVD V3.1 Installation Disc DVD, Install Manual</p>			
02	PCR Machine	<p>Country of origin: Germany, Japan</p> <p>County of assembling: To be mentioned by the bidder</p> <p>Technical Specification:</p> <ul style="list-style-type: none"> • Block: Aluminum, special alloy or updated • Well Capacity: 2 x 48 x 0.2 mL tubes/ 2 x 48-well micro titer plate /2 x 6 x 8-well strips, 0.2 mL • Max. heating rate: 5.2 °C/s or better • Max./min. Gradient: 20 °C/0.1 °C3 or better • Gradient temperature range: 20 °C to 99 °C3 or better • Temperature uniformity at 55 °C after 15 s : ± 0.20 °C or better • Temperature range: 3 °C to 99 °C or better • Control accuracy: ± 0.1 °C or better • Lid temperature range: 30 °C to 110 °C or better • Program memory: 350 programs in up to 90 user directories or better 	01 piece		

03	Gel electrophoresis system	<p>Country of origin: USA, UK, Japan Country of assembling: To be mentioned by the bidder</p> <p>System should include: 1.Horizontal gel electrophoresis System Technical Specification:</p> <ul style="list-style-type: none"> • Gel Size: 12.4 cm × 14.5 cm or better • Max. sample number: 48 with 3 combs • Buffer Volume (ml): 580 ml • Multichannel pipette compatibility: Yes • Tank: Single molded • Construction: Thick-walled acrylic glass • Have Safety & Ventilation lid • Gel Tray: UV Transparent (3 pcs) • Gel Casting: Unique Plug& Cast Casting system, • Easy Sample loading, • Comb: A variety of color coding 1.0 mm and 1.5 mm comb option (Each 3 pcs) • Chamber: A high quality acrylic construction body with 4mm gold coated plaque, 	01 piece		
		<p>2. Power Supply Technical Specification:</p> <ul style="list-style-type: none"> • Max. voltage [V]: 400 • Max. current [mA]:1.000 • Max. power [W]:200 • Const. voltage: Yes • Const. current: Yes • No. of outputs:4 or more • Timer:-/+ • Audible alarm:-/- • Stackable: Yes • Range of use • Agarose gel electrophoresis: Yes • Polyacrylamide gel electrophoresis: Yes • Semidry-Blotting: Yes • Tank-Blotting: Yes 	01 piece		
04	Gel documentation	<p>Country of origin: USA, UK, Japan Country of assembling: To be mentioned by the bidder</p> <p>Technical Speciation:</p> <ul style="list-style-type: none"> • Capabilities: Smart Tray Technology, Imaging System automatically recognizes your application-specific tray and adjusts imaging parameters. • Auto-focus: Precalibrated focus for any zoom setting • Auto-exposure: Two auto-exposure algorithms (rapid or optimal) 	01 piece		

		<ul style="list-style-type: none"> • Touch-screen functionality: Multitouch capable • Display resolution: 1,024 x 768 pixels • Maximum image area (W x H): 21 x 14 cm • Detector:6.3 MP CMOS • Pixel size:2.4 x 2.4 um • Dynamic range: >3.5 orders of magnitude • Excitation source: Trans-UVB, Epi-white • Emission filter:535-645 nm • Data output: SCN, TIFF, JPEG image files • Instrument weight: 16 kg • Instrument size (D x W x H): 44.8x 36x 35.3 cm • Operating voltage:100-240 VAC, 50 Hz • Operating temperature:10-28 deg C • Operating humidity:20-80% relative humidity (non-condensing) • Analytic software installed in a Laptop, Cor-i5 processor, 			
05	Refrigerated centrifuge	<p>Country of origin: USA, UK, Japan County of assembling: To be mentioned by the bidder</p> <p>Technical Speciation:</p> <ul style="list-style-type: none"> • Range:15000-16000rpm • Temperature control (Cooling: -20° to 40°C) • Rotor changeable • Two separate rotors (Maximum Capacity: 24 × 1.5 / 2.0mL and 12 × 5mL) • Timer from 1 to 99 min. programmable in 5 sec. steps and hold position 	01 piece		
06	CO ₂ Incubator	<p>Country of origin: USA, UK, Japan County of assembling: To be mentioned by the bidder</p> <p>Technical Speciation: Capacity: 50L-100L</p> <ul style="list-style-type: none"> • Temperature Range: RT+5~55°C • Ambient Temperature: 10~30°C • Temperature Accuracy: 0.1°C • Temperature Fluctuation: ±0.5 at 37°C • CO₂ Range:0-20% • CO₂ Sensor: IR sensor (±0.1%) • With 2 stage gas regulator for CO₂/N₂ 	01 piece		
07	Micropipette	<p>Country of origin: USA, UK, Japan County of assembling: To be mentioned by the bidder</p> <ul style="list-style-type: none"> • 10-200µl range 	01 piece		
08	Micropipette	<p>Country of origin: USA, UK, Japan County of assembling: To be mentioned by the bidder</p> <ul style="list-style-type: none"> • 100-1000µl range 	01 piece		
09	Rotary evaporator	<p>Country of origin: Germany, Japan County of assembling: To be mentioned by the bidder</p>	01 piece		

		Technical Speciation: <ul style="list-style-type: none"> • Digital Vacuum Pump with 10L vacuum controller • 2L recirculating chiller • Vertical glass condenser set with one litter receiver and evaporator flask • Powerful pressure and suction pump • Speed range 20-300 rpm • heating temperature range, room temp-99 Deg C • Heating bath, Heat output 1400 W, Filling volume max.4L, Outer diameter 257 mm, Inner diameter 225 mm, Outer height 190 mm, Inner height 130 mm, Dimensions (W x H x D) 330 x 190 x 325 mm, Weight 3.9 kg Permissible ambient temperature 5 - 40 °C, Permissible relative humidity 80 %, Voltage 200 - 240 V. 			

The terms and conditions of the tender are as follows:

- **LOCATION OF INSTALLATION** : Dr. A Majeed Khan Building (Room No.7004) **Independent University Bangladesh (IUB)**, Plot#16, Block# B, Aftabuddin Ahmed Road, Bashundhara R/A, Dhaka-1229.
- **WORK COMPLETION TIME**: 60 days from the date of issue of the work order

1. DATE AND TIME OF CLOSING AND OPENING TENDER:

- The tender will be received up to 12:30 pm on **April 5,2023**
- The tender will be opened at 2:00 pm on **April 5, 2023**

2. PLACE OF SUBMISSION OF TENDER: Tender will be submitted to the Purchase & Procurement Department (Room No.2031) Independent University, Bangladesh at Plot # 16, Block # B, Aftabuddin Ahmed Road, Bashundhara, Dhaka-1229.

3. SEALING AND MARKING OF TENDER: The tender shall be submitted in **two separate sealed envelopes (one for TECHNICAL part & one for FINANCIAL Part)**, which shall be **sealed and marked** for the item on top and addressed to the Purchase & Procurement Department of IUB.

4. Earnest Money: The bidder shall furnish as a part of the bid, an earnest money of 2.5% (two and half percent) of the cost of bid drawn in favor of the **Independent University, Bangladesh (IUB)** in the form of crossed pay order / bank draft from a schedule bank of the country. Any bid not accompanied by the earnest money would be rejected by the employer. Earnest money received from bidder would be adjusted first against the retention money before deduction from the payment of vendor/supplier

5. TERMS OF DELIVERY: Delivery of goods at buyer's site is the responsibility of the vendor.

6. VALIDITY OF OFFER: The offer shall be kept firm and valid until forty-five (45) days for consideration by the university.

7. CLARIFICATION OF TENDER: To assist in examination, evaluation, and comparison of offers, the university may at its discretion ask the bidder for any clarification of the tender. The request for such clarification and the response thereto shall be made in writing and no charge in the price or substance of the tender shall be sought, offered, or permitted.

8. BUYER'S RIGHT TO ACCEPT OR TO REJECT TENDER: The buyer reserves the right to accept or to reject any or all the tenders and to annul the bidding process prior to award of order / contract without assigning any reason whatsoever and also is not bound to accept the lowest tender.

9. BUYER'S RIGHT TO INCREASE OR DECREASE QUANTITY: The buyer reserves the right to increase or decrease the quantity of goods without any change in price and other terms and conditions at the time of placing order/ contract and it shall be binding on the successful bidder to accept order/ contract for the increased or decreased quantity at the quantity quoted price(s). For any new item which is not stated in their offer the price or the rates of the same may be negotiated or the market price will prevail.

10. LATE DELIVERY AND LIQUIDITY DAMAGE: In case the supplier/contractor fails to deliver the goods within the stipulated delivery period, the buyer shall be entitled at their option either to pay @ 0.10% of the quoted value per day from last date of delivery and total amount is not to exceed 10% of the contract price. ***If finally the supplier failed to supply the product, the earnest money submitted with the offer will be forfeited.***

11. PAYMENT: There is no provision for advance payment in this contract. The payment will be made within 30 days from the date of receipt of the bill after deduction of VAT & TAX as per Govt. rules. The bill will include delivery challan, certification of installation & testing Goods Receiving Note (prescribed), Quality Certificate (prescribed) copies of work order in triplicate.

12. ASSESMENT OF TENDER: The assessment of offer shall be made on the basis of tender terms, price, technical specification, country of origin, delivery schedule and any advantageous to the buyer.

13. AWARD OF ORDER / CONTRACT:

- The buyer will award the order / contract to that successful bidder whose offer has been considered to be substantially responsive. The buyer will not be bound to award the contract to the lowest offered.
- A substantially responsive bid is one, which conforms to all the terms, conditions & specifications of the bidding document and offers a competitive price for their product. If a bid is not substantially responsive, it will be rejected by the employer.
- Preference will be given for the long time warranty period.

14. TAXES & VAT: The quoted price shall be inclusive of all Taxes, & VAT dues payable to the Government agency as per the Bangladesh Government's rules.

15. INSTALLATION & CERTIFICATION: The supplier will be liable for the installation of the items delivered to the buyer. The installation of the item will be supervised & certified by the concerned authorities of the buyer. If any item is found defective and not as per the desired specification or standard, the vendor will promptly replace the same at his own cost. Additionally, the supplier should ensure the following works during supply and installation of the equipment.

- Qualified and experienced person should carry out the works to ensure trouble free operation of the system in maximum efficiency.
- The vendor will submit the specifications / sample of the machines / parts / materials in detail for confirmation by the employer before starting the work. (If require)

16. MAINTENANCE PERIOD: The maintenance period of the whole works will be one year without any additional cost. The security deposit will be released after maintenance period, but the warranty period offered by the vendor remains applicable. The maintenance period will commence from the date of work completion certificate.

17. SECURITY DEPOSIT: 10% of the billed amount will have to deposit as security money for one year, which will be released after this period is over.

18. TERMINATION & CANCELLATION: This agreement will be terminated upon completion of the final payment made

to the vendor. If the contractor does not carry out his duty under this agreement for any unjustifiable reason, the employer is entitled to terminate this agreement by written notice.

19. INSTRUCTION TO BIDDERS:

- The successful bidder shall deliver the goods within the scheduled time in accordance with the applicable terms & conditions.
- The total bid price will be expressed in Taka only; fraction of Taka should be rounded off and is inclusive of VAT, or any other applicable taxes.
- Documents to be submitted with the quotation are as follows:
 1. Trade License of the Company/ Firm.
 2. VAT Registration and TIN Certificate.
 3. List of major clients the supplier offered services / supplied.
 4. Authorized Distributorship Certificate of the Products from the Principal (If any)
 5. If any require by the buyer, the vendor will provide the documents Bill of Landing and P.S.I certificate etc. Other Information, the firm willing to furnish.(if possible)
- For any other information (technical) regarding the tender, the bidder may contact Pharmacy Department through Purchase & Procurement Department during the office hours between 9-30 am to 3-00 pm, Sunday through Thursday (if needed).

20. VENDOR'S RISKS: Any risks involving damage to physical property, personal injury and death arising during & in consequence of the performance of the contract other than the accepted risks is the responsibility of the vendor.

21. POSSESSION OF THE SITE: The employer will give possessions of the site required by the vendor in order to carry out the work.

22. SPECIAL CONDITIONS: No conditional offer will be accepted.

Signature of the bidder :

Date :

Name :

Designation :