



**Request for Proposal of REAL-TIME PCR SYSTEM**  
**RFP Summary Sheet**

<b>Name of the company</b>	Asian University for Women
<b>Procurement Reference Number</b>	0839/23-24
<b>Date of issue of the RFP</b>	27 <sup>th</sup> February, 2024
<b>Date and Closing Time for RFP submission</b>	17 <sup>th</sup> March, 2024 (12:01 pm) (GMT +6)
<b>Quotation submission mail address</b>	<a href="mailto:tender94@auw.edu.bd">tender94@auw.edu.bd</a>
<b>Address for Communication</b>	<b>Asian University for Women</b> 20/A M. M. Ali Road Chattogram 4000, Bangladesh Tel: +880-31-285-4980 Fax: +880-31-285-4988

Bidders are invited to submit their proposal in accordance with the enclosed Request for Proposal (RFP) terms.

AUW reserves the right to reject any or all offers without assigning any reason.

Complete confidentiality should be maintained. Information provided here should be used for its intended scope and purpose. Retention of this RFP signifies your agreement to treat the information as confidential.

All communication with regard to this request for proposal needs to be directed to AUW directly while in copy of all these communications at the email addresses mentioned in the RFP mail.

For any further queries can contact in below mail: Primary point of contact for RFP process and technical queries Mohammed Ishrat Bin Mahbub; Head of Procurement; Email: [mohammed.mahbub@auw.edu.bd](mailto:mohammed.mahbub@auw.edu.bd); Contact Number: +8801926673027; Whatsapp: +8801671470348.

Proposal should be submitted only in the email: [tender94@auw.edu.bd](mailto:tender94@auw.edu.bd)

No other AUW email should be in TO/CC/BCC. Any proposal violate this instruction may face the cancellation of their proposal.

## Objective

Asian University for Women (AUW) seeks to graduate women who will be skilled and innovative professionals, service-oriented leaders in the businesses and communities in which they will work and live, and promoters of intercultural understanding and sustainable human and economic development in Asia and throughout the world.

## Requirements

We, to achieve our objectives, need the following product/services are below:

### **REAL-TIME PCR SYSTEM**

**QTY- 1 Piece**

#### **REAL-TIME PCR SYSTEM**

Model: QuantStudio® 5

Brand: Applied Biosystems™ (by Thermo Fisher Scientific) Country of Origin: USA (Manufactured in Singapore)

Features:

- Proven OptiFlex® technology (6 decoupled channels/21 filter combinations with white LED) for trusted results
- User account management, locked workflow, and Pause features for greater control of experiment data
- Built-in software features to support compliance with 21 CFR Part 11 guidelines
- Secure cloud-based software provides increased accessibility and storage options
- Simplified instrument software with interactive touchscreen for greater ease of use
- Specification
- Sample capacity (Wells): 96
- Reaction Volume: 96-well 0.2ml block; 10-100 µl
- Footprint: 27 cm x 50 cm x 40cm
- Excitation/detection range: 96-well: 450-680nm/500-730nm
- Excitation source: Bright White LED
- Optical detection: 96-well: 6 decoupled filters
- Multiplexing: 96-well: up to 6 targets
- Dynamic Range: 10 logs
- Heating & cooling method: Peltier
- Temperature Range: 4°C-99.9°C
- Max Block Ramp Rate: 96-well 0.2 mL block: 6.5°C/sec
- Average Sample Ramp Rate: 3.66°C/sec
- Temperature Accuracy: 0.25°C
- Temperature Uniformity: 0.4°C
- Dye Compatibility: FAM/SYBR Green, VIC/JOE/HEX/TET, ABY/NED/TAMRA/Cy3, JUN, ROX/Texas Red, Mustang Purple™, Cy®5/LIZ™, Cy®5.5
- Passive Reference Dyes: ROX dye or any calibrated dye. Use of a Passive reference dye is optional.
- Sensitivity: 1 Copy

- Onboard Memory: 10 GB (2000-5000 run files)
- Security, auditing, and e-signature (SAE) features
- Electrical: 200-240V AC; 50 Hz Technical Specifications
- Internal Size (W\*D\*H): 940\* 600\*660 mm
- External Size (W\*D\*H): 1100\*750\*2250mm
- Tested Opening: Safety Height = 200 mm (8")
- ULPA Filter: Two, 99.9995% efficient at 0.12um. Filter life indicator.
- Front Window: Motorized. Two-layer laminated toughened glass  $\geq$  5mm. Anti UV.
- UV Lamp: UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.
- Microprocessor: Microprocessor
- Display: LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time etc.
- Material: Work Zone: 304 stainless steels
- Main Body: Cold-rolled steel with anti-bacteria powder coating.
- Work Surface Height: 750mm ➤ Standard Accessory: LED lamp, UV lamp\*2, Base stand, Remote control, Foot switch, Drain valve, Waterproof sockets\*2
- Power Supply: AC220V $\pm$ 10%, 50/60Hz; 110V $\pm$ 10%, 60Hz

### **Support Services:**

**Application Supports:** Shall be provided by Technical Persons of the awarded company.

**Service Support:** After sales service should be provided by the awarded company for a year.

**Warranty:** Minimum 1 year.

**Installation:** Should be done by Engineer at AUW site by the awarded company.

### **Information need to be submitted with financial proposals:**

- a) Cost should mention VAT amount separately with percentage.
- b) Trade license
- c) TIN/BIN
- d) Similar work experience details
- e) Company details
- f) Delivery lead time

**Please note that this offer is subject to the following terms and conditions:**

1. The quantities mentioned are tentative quantities required and may change at the time of the finalization of the contract/PO.
2. The basic rates quoted should be effective until 10<sup>th</sup> July, 2024
3. AUW reserves the right to award the contract to one or more bidders. Accordingly, the final quantities required will be divided among successful bidders. The quantities so divided will be at the sole discretion of AUW.
4. AUW reserves the right to cancel the bidding before or after the receipt of bids or also after the opening of bids and call for fresh bids. AUW also has the right to reject any bid without assigning any reason.
5. Bids incomplete in any respect will not be considered.
6. Please mention your payment terms in the bid.
7. Any query for clarification on the bid can be had from the undersigned latest by 17<sup>th</sup> March, 2024 11:01 am. Please note that any inquiry received from any bidder will be sent to all bidders without disc losing the source of the inquiry.