



# SCHOOL OF BIOLOGICAL SCIENCES

## University of the Punjab Lahore

Date: 21-04-2026

**SUBJECT: RECOMMENDATIONS OF THE TECHNICAL COMMITTEE OF SCHOOL OF BIOLOGICAL SCIENCES, UNIVERSITY OF THE PUNJAB, LAHORE ON FOLLOWING ITEMS.**

After careful analysis the Technical Committee has given their recommendations regarding the following item on the reasons given against each item.

### 01. Refrigerated Shaking Incubator:

Four bidders participated in the tender for Refrigerated Shaking Incubator as mentioned below:

M/s The WorldWide Scientific has quoted Refrigerated Shaking Incubator M/s Biobase Model: BJPX-200N at Rs.8,88,000.00.

M/s M. Ayub Brothers has quoted Refrigerated Shaking Incubator M/s Biobase, Model/Cat No. BJPX-200N at Rs.11,15,000.00.

M/s AM Scientific Traders has quoted Refrigerated Shaking Incubator M/s Biobase Model: BJPX-200N at Rs.13,25,000.00.

M/s S.U. Enterprises has quoted Refrigerated Shaking Incubator Model/Make: SI900R, Robus Technology Ltd Origin: PRC at Rs.14,73,000.00.

The Technical Committee observed that three vendors (M/s The WorldWide Scientific, M/s M. Ayub Brothers and M/s AM Scientific Traders) quoted the same model Biobase Model: BJPX-200N. Among the three bidders M/s The WorldWide Scientific has quoted the lowest price. The fourth bidder M/s S.U. Enterprises has quoted Model/Make: SI900R, Robus Technology Ltd Origin: PRC with the highest prices. Therefore, the Technical Committee recommends Refrigerated Shaking Incubator Make: Biobase Model: BJPX-200N at (Rs.8,88,000.00) offered by M/s The WorldWide Scientific as the offer is.

- i) is according to the tender specifications.
- ii) lowest quoted price among the bidders.

### Technical Committee:

1. Professor Q.A Gardner
2. Dr. Uzma Qaisar
3. Dr. Nasir Ahmad
4. Dr. Soumble Zulifqar
5. Dr. Munir Ahmad

Convener

Member

Member

Member

Member

**SCHOOL OF BIOLOGICAL SCIENCES  
UNIVERSITY OF THE PUNJAB,  
LAHORE**

**EVALUATION REPORT**

**(As Per Rule 35 of PPRA Rules, 2004)**

**Tender for Laboratory Equipments due on 06.02.2024**



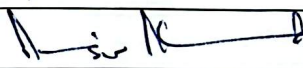
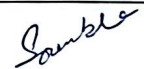

01.	Name of Procuring Agency	School of Biological Sciences, University of the Punjab, LHR
02.	Method of Procuring	Open Tendering
03.	Title of Procurement	Tender Notice
04.	Tender Inquiry No.	
05.	PPRA Ref No. (TSE)	TS0000002002E
06.	Date & Time of Bid Closing	02-04-2026 (01:00pm)
07.	Dated & Time of Bid Opening	02-04-2026 (02:30pm)
08.	No. of Bids Received	04 (Four)
09.	Criteria of Bids Evaluation	Technical and Financial (cost and quality based)
10.	Details of Bid (s) Evaluation	Details mentioned below

**01. Refrigerated Shaking Incubator**

Four tenders received for Refrigerated Shaking Incubator as mentioned below:

Name of Bidder	Eligibility Status (as per criteria defined in tender documents)	Compliance with other technical requirements & specifications	Price FOR Basis (GST INCLUDED)	Rule/Regulation/SBD*/ Policy/ Basis of Rejection/ Acceptance. As per rule 35 of PP Rules, 2004
M/s The WorldWide Scientific	Eligible	Complies	Rs.8,88,000.00	lowest
M/s M. Ayub Brothers	Eligible	Complies	Rs.11,15,000.00	Higher
M/s AM Scientific Traders	Eligible	Complies	Rs.13,25,000.00	Higher
M/s S.U. Enterprises	Eligible	Complies	Rs.14,73,000.00	Highest

**Lowest Evaluated bidder:** Among all the bidders M/s The WorldWide Scientific offered the lowest price Rs.8,88,000.00, therefore, recommended for the purchase of Refrigerated Shaking Incubator (M/s Biobase, Model: BJPX-200N).

S.No.	Name & Designation of Technical Committee	Signature
01.	Prof. Dr. Q.A Gardner Convener	
02.	Dr. Uzma Qaisar Member	
03.	Dr. Nasir Ahmad Member	
04.	Dr. Soumble Zulfiqar Member	
05.	Dr. Munir Ahmad Member	

*M/s The World Wide Scientific complies with specification and lowest among bidders Therefore recommended.*

Dated: 02.04.2026

**COMPARATIVE STATEMENT**

**REFRIGERATED SHAKING INCUBATOR: (01No.)**

Capacity: 70LITR, Temp Control Range: 4-65C (@20C), Temp control accuracy: ±0.1C, Temp Uniformity, ±0.5C(at 37C, effective work surface), Time range: 0-9999H/min and continuous, PID temperature control, LCD display, Rotary shaking mode with 0,20-300rpm(can do static culture, cross or Alternate operation), Speed accuracy: ±1Rpm, Swing amplitude of the plate is 26mm, Refrigerant: R134a/130g, Plateform capacity: 23x100ml or 15x250ml, 9x500ml 6x1000ml, Automatic defrost (01No.)

M/s The WorldWide Scientific	M/s The WorldWide Scientific	M/s The WorldWide Scientific	M/s M. Ayub Brothers
<p><b>Thermostatic Shaking Incubator:</b>  <b>M/s: Biobase</b>  <b>Model: BJPX-200N</b></p> <ul style="list-style-type: none"> <li>* Super low speed start, the speed is out of control, automatic lock, adjustable starting speed. Unique dynamic balance design to ensure smooth operation.</li> <li>* Multi- Section speed, temperature, time control system. A variety of different speed, temperature and time experimental modes can be set at one time, and the operation mode can be automatically changed during operation.</li> <li>* Silent fan design, forced convection mode and unique air duct design ensure good temperature uniformity.</li> <li>* Automatic refrigeration mode, using environmentally friendly refrigerant, can automatically adjust the opening and closing of the refrigeration system according to the change of environmental temperature, without manual operation.</li> <li>* Intelligent refrigeration frost-free operation technology, automatic defrosting function, defrosting time and defrosting interval can be set freely, so that the equipment can run stably for a long time under low</li> </ul>	<p>M/s The WorldWide Scientific temperature. And has the refrigeration delay start function, effectively protect the compressor.</p> <ul style="list-style-type: none"> <li>* LCD liquid display, temperature, time, speed with the interface display.</li> </ul> <p><b>Technical Specifications:</b>  <b>Capacity: 70-Liter</b>  <b>Temp Control Range: 4-65°C (@20°C)</b>  <b>Temperature Control Accuracy: ±0.1°C</b>  <b>Temperature Uniformity: ±0.5°C</b>  <b>(@37°C, effective working surface)</b>  <b>Temperature Fluctuation: ≤0.1°C</b>  <b>(@37°C)</b>  <b>Timing Range: 0-9999h/min</b>  <b>Control Mode: PID microcomputer control</b></p> <p><b>Display: LCD display</b>  <b>Circulation Mode: Forced convection</b>  <b>Oscillation Mode: Rotary shaking</b>  <b>YSB Data Download Processing System: Yes</b></p> <p><b>Control System: Standard Mode, Static mode; Persistent mode; Program Control mode (Multi-section temperature, speed, time control)</b>  <b>Cyclotron Frequency Range: 0, 20~300rpm (Can do static culture, cross or alternate operation)</b>  <b>Cyclotron Frequency Accuracy: ±1rpm</b>  <b>Swing Amplitude of The Plate: Φ26mm</b>  <b>Refrigerant: R134a/130g</b></p>	<p><b>Max Capacity Clamp Flask: 100ml × 23 or 250ml × 15 or 500ml × 9 or 1000ml × 6 or 2000ml × 4</b></p> <p><b>Defrost Function: Automatic defrosting</b></p> <p><b>Auxiliary Function: Ultra-low speed start, adjustable start speed, over-speed automatic protection, monitoring timer, parameter memory, call recovery, refrigeration unit overload protection and call delay start (for BJPX-200N), upper and lower limit over-temperature sound and light alarm, automatic stop upon opening door, set parameters to check, monitor temperature and ambient temperature correction</b></p> <p><b>Material: External Material: ABS; Internal Material: stainless steel.</b></p> <p><b>Power Supply: AC220V, 50Hz (Standard); 220V, 60Hz(Optional); 110v, 50/60Hz (optional) (External Transformer)</b></p> <p><b>Consumption: 650W</b></p> <p><b>Shelves: 450 × 410mm, 1pc</b></p> <p><b>Standard Accessories: Clamp Flask: 500ml × 3, 250ml × 4, 100ml × 5, 50ml × 5, shelf × 1.</b></p> <p><b>External Size (W × D × H): 750 × 710 × 520MM</b></p> <p><b>RS. 8,88,000/each (GST INCLUDED)</b></p> <p><i>[Signature]</i></p>	<p><b>Biobase China Small Capacity Refrigerated Shaker:</b>  <b>Model/Cat No: BJPX-200N</b>  <b>Capacity: 70LT,</b>  <b>Temp Control Range: 4-65C (@20C)</b>  <b>Temp control accuracy: ±0.1C</b>  <b>Temp Uniformity: ±0.5C(at 37C, effective work surface)</b>  <b>Time range: 0-9999H/min and continuous</b>  <b>PID temperature control</b>  <b>LCD display</b>  <b>Rotary shaking mode with 0,20-300rpm(can do static culture, cross or Alternate operation)</b>  <b>Speed accuracy: ±1Rpm</b>  <b>Swing amplitude of the plate is 26mm</b>  <b>Refrigerant R134a/130g</b>  <b>Plateform capacity: 23 × 100ml or 15 × 250ml, 9 × 500ml 6 × 1000ml</b>  <b>Automatic defrost</b>  <b>Lead time 4-8 weeks approx.</b>  <b>RS.11,15,000/each (GST INCLUDED)</b></p>

<b>M/s AM Scientific Traders</b>	<b>M/s S.U. Enterprises</b>		
<p><b>Refrigerated Shaking Incubator:</b>  <b>Make:</b> Biobase, China  <b>Model:</b> BJPX-200N</p> <p><b>Technical Specifications:</b>  <b>Capacity:</b> 70-Liter  <b>Temp Control Range:</b> 4~65°C (@20°C)  <b>Temperature Control Accuracy:</b> ±0.1°C  <b>Temperature Uniformity:</b> ±0.5°C (@37°C, effective working surface)  <b>Timing Range:</b> 0~9999h/min continuous operation)  <b>Control Mode:</b> PID microcomputer control  <b>Display:</b> LCD display  <b>Oscillation Mode:</b> Rotary shaking  <b>Cyclotron Frequency Range:</b> 0, 20~300rpm (Can do static culture, cross or alternate operation)  <b>Cyclotron Frequency Accuracy:</b> ±1rpm  <b>Swing Amplitude of The Plate:</b> Φ26mm  <b>Refrigerant:</b> R134a/130g  <b>Max Capacity Clamp Flask:</b> 100ml × 23 or 250ml × 15 or 500ml × 9 or 1000ml × 6 or 2000ml × 4  <b>Defrost Function:</b> Automatic defrosting  <b>RS. 13,25,000/each (GST INCLUDED)</b></p>	<p><b>Refrigerated Shaking Incubator:</b>  <b>Model:</b> SI900R, Robus Technology Ltd  <b>Origin:</b> PRC  <b>Control:</b> Digital Microprocessor PID Control  <b>Control Mode:</b> Fix Value or Program (up to 9 Segments)  <b>Control Panel:</b> 4.3" LCD Touch Screen  <b>Volume (L):</b> 69  <b>Shaking Speed (rpm):</b> 30-400  <b>Stroke (mm) :</b> 1-50 Step-less Adjustment  <b>Shaking Mode:</b> Orbital  <b>Tray (W x D):</b> 435 x 420mm  <b>Platform:</b> Spring rack  <b>Ambient Temperature:</b> 5-25°C  <b>Temperature Range:</b> 4 - 60°C  <b>Temperature Accuracy:</b> 0.1°C  <b>Temperature Uniformity:</b> ±1°C @37°C  <b>Timer:</b> 1 to 9999 minutes  <b>Power:</b> 700 watts  <b>Electricity:</b> 220-240V 50/60 Hz  <b>Approval:</b> CE, ISO  <b>Shortcut Settings:</b> Control Mode, Constant Temperature, Automatic Cooling Control, Power-off, Recovery Switch, Door Switch, Print Switch  <b>Security:</b> Over-temperature Protection, Compressor Overload Protection, Electrical, Leakage Protection  <b>RS. 14,73,000/each (GST INCLUDED)</b></p>		