

**Technical Assessment Report for the Equipment (Tender; IPB-637) at the Institute of Physics under NRPU Project**  
**9460/Punjab/NRPUR/R& D/HEC/2017**

Despatch # 358  
 Date 21-08-2017  
 DEPARTMENT OF PHYSICS  
 The Islamia University of Bahawalpur

Sr. No.	Items	Quantity	Supplier	Specifications	Remarks
1	Spectrometer with Quartz halogen lamp box	1	m/s BINRASHEED SCIENTIFIC (Pvt) Ltd	HR 320	Only one item was quoted by BINRASHEED SCIENTIFIC (Pvt) Ltd without its pivotal accessories

Also, other items coupled with this equipment were not quoted. That is why, we reject the quotation and request to re-render all items along with updated market prices.

*Zahida*  
**Dr. Zahida Batool,**  
 Assistant Professor  
 Principle Investigator

**Dr. Faisal Iqbal,**  
 Co-Principle Investigator

*Saeed Ahmad Buzdar*  
**Prof. Dr. Saeed Ahmad Buzdar,**  
 Chairman.  
 Department of Physics  
 The Islamia University of Bahawalpur

*19/8/17*  
*AS*

**TECHNICAL EVALUATION SHEET**  
**Purchase of Equipment –Department of Biochemistry & Biotechnology, The Islamia University of Bahawalpur (Tender Opening date = 06-08-2020)**

Sr #	Required Purchase Item [Specifications]	
	Technico Scientific Supply Lahore	Scientific Technical Corporation Lahore

1	<p><b>Standard-Incubators with natural convection</b></p> <ul style="list-style-type: none"> <li>• Temperature range: ambient temperature +5 °C to 70 °C</li> <li>• APT line™ preheating chamber technology</li> <li>• Natural convection</li> <li>• Adjustable exhaust air flap</li> <li>• Controller with timer function</li> <li>• Inner door made of tempered safety glass</li> <li>• 1 chrome-plated rack, incl. shelf supports</li> <li>• Class 3, 1 integrated independent temperature safety device (DIN 12880) with visual alarm</li> </ul> <p><b>TECHNICAL DATA:-</b></p> <p>Performance Data Temperature , Temperature range 5 °C above ambient temperature to [°C] 70, Temperature variation at 37 °C [± K] 0.7 , Temperature fluctuation at 37 °C [± K] 0.1 , Recovery time after 30 seconds door open at 37 °C (min) 15 , Electrical data, Rated Voltage [V] 230 , Power frequency [Hz] 50/60 , Nominal power [kW] 0.3 , Unit fuse [A] 6.3 , Phase (Nominal voltage) 1~ Measures , Interior volume [L] 62 , Net weight of the unit (empty) [kg] 35.5 , Permitted load [kg] 30 , Load per rack [kg] 15 , Wall clearance back [mm] 160 , Wall clearance side [mm] 100 , Internal Dimensions , Width [mm] 400 , Height [mm] 440 , Depth [mm] 350 , Doors inner doors 1, Unit doors 1 , Housing dimensions not incl. fittings and connections, Width net [mm] 614 , Height net [mm] 625 , Depth net [mm] 577 , Environment-specific data Energy consumption at 37 °C [Wh/h] 25 Figures, Number of shelves (std./max.) 1/3</p>	<p><b>Accepted</b></p> <p>BD-S 56</p> <p>BINDER GmbH, Germany</p>	<p><b>Accepted</b></p> <p>BD-S 56</p> <p>BINDER GmbH, Germany</p>
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**Rejection is based on the following criteria:**

- i. Not being authorized distributors of mentioned companies (authorization certificate not provided)
- ii. Insufficient information regarding manufacturing company & catalogue Number
- iii. Quoted item not according to the required specification

**Departmental Purchase Committee**

*Majid AIRMAN*  
 Member-1  
 Deptt. of Biochemistry & Biotechnology  
 The Islamia University of Bahawalpur

*Dr. Mubillah Hassan*  
 Member-2 Professor  
 Deptt. of Biochemistry  
 & Biotechnology  
 The Islamia University of Bahawalpur

Member-3