

UHS/Bio/804/29

**TECHNICAL EVALUATION REPORT (SUMMARY)**

1. Name of Procuring Agency: University of Health Sciences Lahore
2. Method of Procurement: Single Stage two Envelopes
3. Title of Procurement: Procurement of Laboratory Equipment for Biochemistry Department, University of Health Sciences, Lahore
4. Tender Inquiry No: UHS/Pur/1099/20
5. Date & Time of Bid Closing: 11:00 AM
6. Date & Time of Bid Opening 11:30AM
7. Nos. of Bids Received: 06

Sr. No	Item	Specifications	Vendors participated					
			New Chemical Centre	Pakistan Hospital	Rays Technologies	The worldwide scientific	SU enterprises	AGBL Pakistan
1	<b>PAGE with Power supply</b>	<p>Vertical Gel Electrophoresis able to make and runs two gels simultaneously.            Maximum gel size 8 x 11cm, gel thickness 0.75 mm, minimum buffer volume internal 250 ml, and minimum buffer volume external 500 ml, gel tank dimension: 20 x 13 x 16.5cm.            Injection moulded unit, compact design, complete unit includes Electrophoresis tank, casting module 2-set, glass plates 5-sets, 0.75mm spacer 4-Nos., 0.75 mm 10 teeth combs 2-Nos., one gel plate, alignment cord, Glass plate separator            Wealtec/ equivalent.</p> <p>WITH Electrophoresis Power Supply, compact, space saving &amp; light weight design, touch panel, audible &amp; visible alarm, status alarm, constant voltage or current, safety features includes, no load detection, over voltage protection, automatic recovery after power failure, dimension 320x240x73mm, digital voltage range 10 – 300V in 1 Volt step, current 4–400 mA in 1mA steps 75 Watt max, design4 parallel outputs, with timer control 0–999minute            Wealtec, USA/ equivalent</p>	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	<b>Not Quoted</b>	<b>Not Quoted</b>
2	<b>Water Purification Plant</b>	<p>Type 1 ultrapure water            Conductivity <math>\mu</math>S/cm 0.055            Resistance <math>M\Omega</math> x cm 18.2 TOC-value* ppb 5 – 10 Dispensing performance l/min. 2 Particles**/ml &lt; 1 Bacteria** CFU/ml &lt; 0.1 Type II pure water            Pure water performance l/h at 15 °C 6            Conductivity <math>\mu</math>S/cm 0.067 – 0.1            Resistance <math>M\Omega</math> x cm 15 – 10            Built in 10 litre storage Tank with pressurized outlet            Automatic cut-off when tank is full With Deionizer cartridge to supply deionized water to system</p>	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>

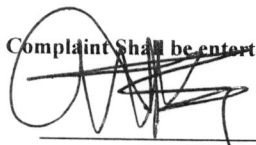
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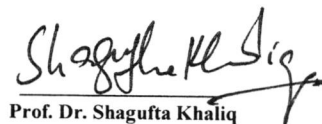
3	<b>Water Bath</b>	Millipore/Stakpure/ Hamilton/ equivalent Type Digital Microprocessor Control Working Temperature Range Ambient +5°C to 100°C Reservoir Capacity 28 Liters Reservoir/Tank Material Stainless Steel Reservoir Cover Hinged Gable Temperature Stability ±0.1°C Temperature Uniformity ±0.2°C at 37°C Temperature Calibration Capability 1-point Display 3.25" LCD Timer 1 – 99hour or continuous Flammability Class (DIN 12876-1) I (NFL) Over-Temperature Protection Yes Failsafe Heater Control Yes Reservoir Drain Yes Maximum Ambient Temperature 40°C Voltage 230 V, 50/60 Hz Voltage Electrical load 115 V, 50/60 Hz approx. 1420 W Ambient temperature +5 °C to +40 °C Humidity rh max. 80 %, non-condensing Overvoltage category II Mettler/binder/Polyscience/ equivalent	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	<b>No Quoted</b>	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	Not Quoted
4	<b>pH Meter</b>	Measurement Range -2.000...20.000 pH mV Range -2000.00 to +2000.00 mV Temperature Range -30°C to 130 °C Resolution pH 0.1/0.01/0.001 pH Resolution mV 1/0.1/0.01mV Resolution Temperature 0.1°C Accuracy pH ± 0.002 pH Accuracy mV ± 0.03% FS mV Accuracy Temperature ± 0.1°C Buffer Group 8 predefined groups, 1 self-define group pH Calibration 1-9 points Memory 1000 sets, with 10*10 calibration data Display Color Touch-Screen LCD Input BNC, impedance >3*10e+12 Ω Cinch, NTC 30 kΩ Output USB & RS232 Temperature Compensation ATC and MTC Power Supply 240V/50-60Hz, 9 V DC Ohaus Jenway/ Ohaus /Equivalent	Not Quoted	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	Not Quoted
5	<b>Air conditioner</b>	2.0 ton split Unit Gree/Samsung/Mitsubishi/ equivalent	Quoted as per B.O.Q Specifications <b>QUALIFIED</b>	<b>Not Quoted</b>	Not Quoted	<b>Not Quoted</b>	<b>Not Quoted</b>	Not Quoted

II technical bids were evaluated against the laid specifications and comparative statement (summary/detail) is being submitted to Chairman Tender Committee and Incharge Purchase Cell for further necessary action.

Complaint shall be entertained after 10 days of display of Technical Evaluation report.



Dr. Allah Rakha  
Chairman, Tender Committee



Prof. Dr. Shagufta Khaliq  
Incharge, Purchase Cell

*Handwritten: 8/10/3/21*  
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