

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: Purchase of Laboratory Research Equipment for Oral Pathology Department
4. Tender Inquiry No: UHS/Pur/766/2019
5. Date & Time of Bid Closing: 14-06-2019 at 11:00 AM
6. Date & Time of Bid Opening 11-06-2019 at 11:30 AM
7. Nos. of Bids Received: 10
8. Criteria for Bid Evaluation: Technical Qualification

S r #	Item	BOQ s	Che mical house	HA Shah	MO D scien tific	Mus lim Med Serv ices	Pakis tan Hosp	RAYS Technol ogies	Shazup internat ional	Scie ntec	SU Enterp rises	World Wide Scientif ic
1	GEL DOCUMENTA TION SYSTEM	System should be for routine fluorescent and visible gel imaging, high resolution 5MP camera for good spatial resolution. Motor driven lens with feedback, Integral white LED lighting for sample positioning . visible light applications and colorimetric markers, motor driven 7-position filter wheel with UV filter to extend applications, automatic or manual control using genePIX/ Equivalent . Pre-defined 1-click protocols for rapid imaging, unlimited user savable protocols, use with of geneQUANT/ Equivalent analysis software. Operating system should be window, Camera	Vender has quoted 4 MP camera which is not as per required specifications therefore,				Quoted as per BOQs <i>Qualified</i>	Quoted as per BOQs <i>Qualified</i>	<i>Not quoted</i>	<i>Not quoted</i>	Quoted as per BOQs <i>Qualified</i>	Quoted as per BOQs <i>Qualified</i>

	<p>type CCD/ Equivalent - Quantum efficiency @ 425nm should be 52%, Sensor Bit- depth 12/16 bit, Sensor Dynamic Range should be 4.8, Powder Coated Steel, 7 position wheel, UV included, Transillum- inator Size 25 x 30 cm, Transillum- inator Wavelength 302nm. gelPRO/ Equivalent Darkroom and camera, UV transillumi- nator, UV Filter, Power Cable, Software USB and Instruction Manual.</p>										
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<p>2</p> <p>ULTRA LOW FREEZER - 86°C</p>	<p>Temperature range should be - 50° to 86°C, capacity should be 400L, White plastic coated galvanised steel, Exterior finishing should be white plastic coated galvanised steel, Interior finishing stainless steel, Shelves Number should be 3, level number 4, shelf size should be 470 x 600 mm, shelf material should be stainless steel, total number of racks 12, solid door, digital plus, freezer should have lock, USB port, datalogger functions.</p>	<p><i>Not quoted</i></p>	<p>Quoted as per BOQs <i>Qualified</i></p>	<p>Quoted as per BOQs <i>Qualified</i></p>	<p>Quoted as per BOQs <i>Qualified</i></p>	<p>Quoted as per BOQs <i>Qualified</i></p>	<p>Quoted as per BOQs <i>Qualified</i></p>	<p><i>Not quoted</i></p>	<p><i>Not quoted</i></p>	<p>Quoted as per BOQs <i>Qualified</i></p>	<p>Quoted as per BOQs <i>Qualified</i></p>
<p>3</p> <p>DIGITAL AUTOCLAVE</p>	<p>Capacity of autoclave should be 60 to 80 L, using temp max 134°C (273°F), microprocessor Digital PID/Equivalent Controller, timer should be 00:00 to 99HR 59MIN (MIN SEC) Selectable, Mechanical type 0 to 0.3 MPa, sensor PT-</p>	<p><i>Not quoted</i></p>	<p><i>Not quoted</i></p>	<p><i>Not quoted</i></p>	<p><i>Not quoted</i></p>	<p><i>Not quoted</i></p>	<p>Quoted as per BOQs <i>Qualified</i></p>	<p><i>Not quoted</i></p>	<p>Quoted as per BOQs <i>Qualified</i></p>	<p>Quoted as per BOQs <i>Qualified</i></p>	<p>Quoted as per BOQs <i>Qualified</i></p>

	100, heater capacity should be 3KW, internal material capacity should be stainless steel.												
4	FLAKE ICE MACHINE	ice shape small particles of irregular snow ice, input current 420 W, automatic tap water. Tank shell should be stainless steel, compressor CFC-Free/R134a/ equivalent, ambient Temperature 10-25°C, Water temperature 10°C. System should include Water inlet pipe*1, Drainage pipe*1, Ice spoon*1, sealing washers*2.	<i>Not quoted</i>	<i>Not quoted</i>	<i>Not quoted</i>	<i>Not quoted</i>	<i>Not quoted</i>	<i>Not quoted</i>	<i>Not quoted</i>	Quoted as per BOQs <i>Qualified</i>	Quoted as per BOQs <i>Qualified</i>	Quoted as per BOQs <i>Qualified</i>	Quoted as per BOQs <i>Qualified</i>

5	ORBITAL DIGITAL SHAKER	System should have orbital shaking mode, Speed range 80-500 RPM, Timer 1 to 1199 minutes, orbit diameter 10mm, operating temperature range +4 - 40°C, maximum humidity 80%, plate dimensions 12 x 12 inches and 30W	<i>Not quoted</i>	Quoted as per BOQs <i>Qualified</i>	Vender has quoted orbit diameter 4.5 mm which is not as per required specification therefore, <i>Not qualified</i>	<i>Not quoted</i>	<i>Not quoted</i>	Quoted as per BOQs <i>Qualified</i>	<i>Not quoted</i>	Quoted as per BOQs <i>Qualified</i>	Quoted as per BOQs <i>Qualified</i>	Quoted as per BOQs <i>Qualified</i>
5	MAGNETIC HOTPLATE STIRRER	Dimension of work plate minimum 184x184 mm, plate material glass ceramic, shaded pole type motor, motor rating 15 W, motor rating output 1.5 W, Power 1030 W, stirring positions 1, Max. Stirring quantity 10 L, max. magnetic bar 80 mm, speed range 0-1500 rpm, speed display scale, heating output 1000 W, Heating temperature range 10-550 °C, control accuracy of work plate ±10, safety temperature °C 600, temperature display	<i>Not quoted</i>	Vender has quoted Max. Stirring quantity 4L which is not as per required specifications therefore, <i>Not qualified</i>	Quoted as per BOQs <i>Qualified</i>	<i>Not quoted</i>	<i>Not quoted</i>	<i>Not quoted</i>	Quoted as per BOQs <i>Qualified</i>	Quoted as per BOQs <i>Qualified</i>	<i>Not quoted</i>	Quoted as per BOQs <i>Qualified</i>

	LED, temperatur c display accuracy $\pm 1^{\circ}\text{C}$. Permissibl c ambient temperatur c 5-40 $^{\circ}\text{C}$ and Permissibl c relative humidity 80%.											
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All 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.


 Chairman, Tender Committee

Sair Chaudy
 HOD Oral Pathology Department

Shagufta Khatun
 Incharge, Purchase Cell