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

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
GEL DOCUMENTA TION SYSTEM	System should be for routine fluorescent and visible gel imaging, high resolution SMP camera for good spatial resolution. Motor driven lens with feedback, Integral white LED tighting for sample positioning visible light application s and colorimetric markers, motor driven 7-position filter wheel with UV filter to extend application s, automatic or manual control using genePIX/ Equivalent , Predefined I-click protocols for rapid imaging,	Vender has quoted 4 MP camera which is not as per required specifications therefore, Not qualified	Not quoted	Not quoted	Not quote d	Quoted as per BOQs Qualified	Quoted as per BOQs Qualified	Not quoted	Not quote d	Quoted as per BOQs Qualified	Quoted as per BOQs Qualified
	unlimited user savable protocols, use with of geneQUA NT/ Equivalent analysis software. Operating system should be window, Camera										

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type CCD/												
Equivalent	1		1				T					
, Quantum			- 1			1						
efficiency		1	1		l	1	1		1	1		
@ 425nm should be			1			1	1		1			
should be	110	1:			l				1	1		
52%	14	F	- 1			1			1			
Sensor Bit-	10	1				1	1		1	1		
depth		- 1					1		1	1		
depth 12/16 bit,	1	1					1		1	1		
Sensor	4		1				1			1		
	1					1	1			1		
Dynamic		- 1				l	1		1	1		
Range should be	1								1	1		
should be									1			
4.8,	(1)		- 1				1			1		
Powder	- 1	1							1			
Coated	1								1			
Steel, 7		1		20					1			
position	1	11	- 1						1			
wheel, UV	1								1			
included,	1	1		1		ii .			I			
Transillum	1	- 1		9					ŀ			
inatistitum	1	- 1										
inator Size	1	- 1			2				l			
25 x 30	1	1					0					
cm,	1	1										
Transillum	1	1	- 1									
inator			- 1									
Wavelengt	- 1	1										
h 302nm.	- 1	1							1			
gelPRO/		- 1										
Equivalent	1	1		1	21				B 8			
Darkroom		1	- 1							l		
and		1		1	1					1		
camera,		1		3	1							
UV		- 1	- 1	1	- 1							
UV					- 1							
transillumi		1	1		1	1 3			N N			
nator, UV		1	- 1	- 1	- 1	1			l. I			
Filter,	10	1		- 1	1							
Power	1	1	- 1	- 1	1	1.0						
Cable,		1	1	1	1							
Software	10	- 1	- 1	1	1	- 3						
USB and		1	- 1	1		1		4	1			
Instruction	15		- 1			1		4				
Manual.		- 1	- 1	- 1		1	T.	1	1			

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ULTRA LOW Temperatu re range should be -50°to -**FREEZER** 86°C 86°C, capacity should be 400L, White plastic coated galvanised steel, Exterior finishing should be white plastic coated galvanised steel, Interior finishing stainless steel, Quoted as Quoted as Quoted as Shelves Quoted as Quoted as per per BOQs Number per BOQs per BOQs Quoted as per BOQs should be 3, level Quoted as per BOQs Not per BOQs BOQs number 4, quoted Qualified Not Qualif Not shelf size should be 470 x 600 Quali Qualifi Qualified quoted ied quote fied Qualifie ed Qualified d mm, shelf material should be stainless steel, total number of racks 12, sold door, digital plus, freczer should have lock, USB port, datalogger functions. DIGITAL Capacity autoclave should be 60 to 80 L, **AUTOCLAVE** using temp max 134°C (273°F), microproce Digital P I Equivalent Controller, should be ot 00.00 99HR 59MIN Quoted as per (MIN Quoted as Quoted as SEC) Quoted as per **BOQs** Selectable, Not per BOQs Not per BOQs Mechanica BOQs Not quoted Not quoted Not quoted 1 type 0 to 0,3 MPa, quoted Not quoted Qualified quoted Quali Qualifie sensor PT-Qualified fied d

	100, heater capacity should be 3KW, internal material capacity should be stainless steel.										
FLAKE ICE MACHINE	icc shape small particles of irregular snow ice, input current 420 W, automatic tap water. Tank shell should be stainless steel, compresso r CFC-Free/R 134 a/ equvilent, ambient Temperature (10~25°C, Water temperature = 10°C.							Quoted as per	Quoted as	Quoted as	Queted as
	system should included Water inlet pipe*1. Drainage pipe*1, lce spoon*1, sealing washer*2.	Not quoted	Not quoted	Not quoted	Not quoted	Not quoted	Not quoted	BOQs Qualified	per BOQs Quali fied	per BOQs Qualifie d	Quoted as per BOQs Qualified

ORBITAL System Vender DIGITAL have has quoted orbital SHAKER shaking mode, Speed orbit diameter range 80-500 RPM 4.5 mm Timer I to which is 1199 minutes, not as per orbit diameter required specificati operating temperatur on e range +4 - 40°C, Quoted as per Quoted as therefore, Quoted as Quoted as BOQs per BOQs Quoted as per maximum per BOQs humidity per BOOs Not BOQs 80%, plate Not dimensions 12 x 12 inches and Not Not quoted Qualified Qualifie qualified Not Quali quote Qualifie quoted Qualified quoted fied 30W d **MAGNETIC** Dimension of work HOTPLATE plate minimum ! **STIRRER** 84x184 mm, plate material glass ceramic, shaded pole type motor. motor Vender has rating 15 W, motor rating quoted Max. output 1.5 W. Power Stirring stirring quantity 4L positions
I, Max.
Stirring which is not as per quantity 10 L. max required magnetic bar 80 specification Quoted as mm, speed s therefore, per BOQs Quoted as per range ()-1500 rpm, Quoted as Quoted as per BOQs per BOQs speed Not Not Not Not **BOQs** display Not Qualif quote scale, Not quoted quoted quoted qualified Qualified heating ied Quali quoted output 1000 W Qualified fied Heating temperatur e range 10-550 °C, control of work plate ±10, safety temperatur e °C 600, temperatur e display

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LED, temperatur							
e display		1 1	1				
accuracy		l l			1	1 1	
±1°C.		1	1	13	1	1 1	
Permissibl		1 1	1	l:	l l	1 1	1
c ambient		1		0		1 1	1
temperatur		1 1	. 1	li I		1 1	1
e 5-40 °C		1 1	1	12		1 1	- 1
and		1 1		1		1 1	(1)
Permissibl		1 1	4	1		1 1	1
e relative		1	1	1		1	1
humidity		1 1	1	1		1	1
80%.		1 1	1	1		1	1
8076.			1	10		1	
1 1	- 1	1 1	1	5 1 2		1 1	
	- 1		-	1	l.		1
				4		1	

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

HOD Oral Pathology Department
Shaffle Modes

Incharge, Purchase Cell