

TECHNICAL EVALUATION REPORT (SUMMARY)


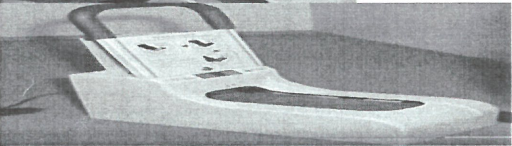
1. Name of Procuring Agency: University of Health Sciences Lahore
2. Method of Procurement: Two Stage two Envelopes
3. Title of Procurement: Purchase of Laboratory Research Equipment under UHS Annual Budget Session 2018-2019
4. Tender Inquiry No: Pur/723 /UHS/2019
5. Date & Time of Bid Closing: 14-06-2019 at 11:00 AM
6. Date & Time of Bid Opening 14-06-2019 at 11:30 AM
7. Nos. of Bids Received: 13
8. Criteria for Bid Evaluation: Technical Qualification



S. No	Items	Specifications	Vendors participated												
			<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>
			Biosphere Marketing	Chemical House	H A Shah & Sons	Lab Services	Medinostic Health Care	Muslim Medical services	Rays Technologies	S.U Enterprises	Scien Tech	Shazup International	Sure Bio diagnostics	The World Wide Scientific	Pakistan Hospital & Industrial lab.co
IMMUNOLOGY DEPARTMENT															
1.	Gel-Documentation	<p>Gel Documentation System consisting of UV Trans illuminator, White light conversion plate, Data acquisition and analysis software, computer and LaserJet printer, Ethidium Bromide filter in filter wheel along with dark cabinet.</p> <p>Key Features:</p> <p>Illumination viewing surface area 21cm x 21 cm,</p> <p>Transmitting wavelength 300nm</p> <p>Reflecting wavelength: 254-365 nm</p> <p>CCD Camera having pixel density 1280 x 1024 or better. Electronic shutter</p> <p>Standard computer interface</p> <p>Analysis Software:</p> <ul style="list-style-type: none">Gel Document Imaging System analysis software with operation interfaces, compatible with tif, jpg, bmp and gif.	Not Quoted	Quoted as per BOQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BOQs Qualified	Quoted as per BOQs Qualified	not Quoted	not Quoted	Quoted as per BOQs Qualified	Quoted as per BOQs Qualified	Quoted as per BOQs Qualified
		Volume: 1000L Operating Temperature: 0°C to +7.2°C	Quoted as						Quoted as	Quoted as		Quoted as	Quoted as		


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9.	Thermal cycler	<ul style="list-style-type: none">Technology: Gradient with a range of 30-100°CGradient efficacy: ±0.5°C of set temperatureGradient range at one time: ≥8 temperature rangesTemperature range:4-100 °C/secSample Capacity: 96-well plate, 96 x 0.2 ml tubes, 0.2 ml tube stripsMaximum ramp rate: 4 °C/secAverage ramp rate: 2.5 °C/secDisplay: Color Touch ScreenUSB Port: At-least 01Origin: USA/EU/UK2KVA UPS	Due to absence of UPS Not Qualified	Quoted as per BOQs Qualified	As only three gradients temperature can be set at a time. 8 possible temperature setting is required at a time Not Qualified	Not Quoted	Not Quoted	Not Quoted	Due to absence of UPS Not Qualified	Quoted as per BOQs Qualified	not Quoted	Gradient Range 35-100°C, we asked for 30-100°C • Origin China as written on website, we asked for EU/USA/UK Not Qualified	Origin China and UPS not available Not Qualified	Quoted as per BOQs Qualified	Not Quoted
AHS DEPARTMENT															
10.	Orbital Shaker	BioRad/ Eppendorf/ equivalent <ul style="list-style-type: none">Platform Shaker: Wave RotationSpeed range: 2 - 50 rpmMax. Load: 5 kgOperating Mode: Timer or continuousRotation speed setting: electronic controlMin. Platform size:250 x 250 mmAccessories included: rubber matAngle: 5°/10°	wave platform not available Not qualified	Not Quoted	• Due to absence of wave rotation, • Rpm are much more higher than required Not Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	• Due to absence of wave rotation, • Rpm are much more higher than required Not Qualified	• Due to absence of wave rotation, • Rpm are much more higher than required Not Qualified	Not Quoted	quoted as per BOQs Qualified	• Due to absence of wave rotation, • Rpm are much more higher than required Not Qualified	• Due to absence of wave rotation • Rpm are much more higher than required Not Qualified

		<ul style="list-style-type: none">Origin: USA/EU/UK													
PHARMACOLOGY DEPARTMENT															
11.	Automatic shoe cover dispenser	<p>one of each type, As per sample picture</p> <ul style="list-style-type: none">Capacity of shoe cover: 1000pcsDesign useful life: 300,000 timesOperating voltage: 220V ±5% or 110±5%,Film delivering time: 3-5sFilm shaping time: 2-3sMaterial of outer case: ABSGross weight: 27 Kg 	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
12.	Automatic Sensor Soap & Hand Sanitizer Dispenser	 <ul style="list-style-type: none">Brushed chrome coated materialCapacity :600ml capacity	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	not Quoted	not Quoted	Not Quoted	Not Quoted	Not Quoted
13.	Modular Flaker Ice Machines	<ul style="list-style-type: none">Capacity 350 pounds ice flakes/ 24 hoursEnergy: 220 VoltsLegs: adjustableFeatures: Steady flow of ice, low energy and water consumption, air cooled condenser, water line with a shut off valve, floor drain, the front side serviceable.	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BOQs <i>Qualified</i>	Quoted as per BOQs <i>Qualified</i>	Quoted as per BOQs <i>Qualified</i>	Not Quoted	Not Quoted	Quoted as per BOQs <i>Qualified</i>

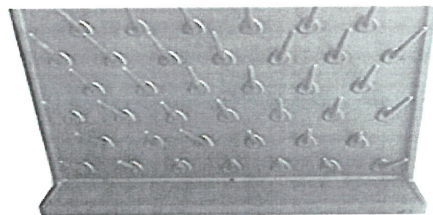
		<ul style="list-style-type: none">The three-piece cabinet is easily removable from the front, of durable, rust-free roto cast plastic.Origin US/EU.														
14.	Cell Freezing Container	<p>As per sample picture.</p>  <ul style="list-style-type: none">Compartments: minimum 18	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	not Quoted	not Quoted	Not Quoted	Quoted as per BOQs Qualified	Quoted as per BOQs Qualified	Quoted as per BOQs Qualified	
15.	Cryogenic Gloves	<p>As per sample picture.</p> 	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BOQs Qualified	not Quoted	Not Quoted	Quoted as per BOQs Qualified	Quoted as per BOQs Qualified	Quoted as per BOQs Qualified	
16.	CO ₂ Cylinder	<ul style="list-style-type: none">Capacity: 35 KgWith Regulators	Quoted as per BOQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	not Quoted	Not Quoted	
17.	Hot Plate Analgesia Meter	<ul style="list-style-type: none">Surface Temperature Range: 30°C to 79.9°C precisely controlled to within 0.25°C across the plateBuilt-in Digital ThermometerBuilt-in Digital TimerRS-232 transfer of dataStart/Stop foot switch controlExtra thick (3/4") anodized aluminum plate provides a very stable and even temperatureSize of Heated Surface: 10" x 10" x 0.75" (254mm x 254mm x 19mm)Temperature Range: 30° to 79.9° centigradeTemperature Accuracy: ± 0.1°CSurface material: Hard Black Anodized AluminumAccuracy of Timer: 0.1 seconds	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted

18.	Western Blot Assembly	<ul style="list-style-type: none">3 parts (Power assembly, Electrophoresis Chamber, Blotter, Nitrocellulose Membranes roll x2)	Not Quoted	Quoted as per BOQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	not Quoted	not Quoted	Not Quoted	Not Quoted	Quoted as per BOQs Qualified	Quoted a per BOQs Qualified
19.	Constant Speed 4 Lane Rota-Rod Treadmills for Rats	<ul style="list-style-type: none">Subject weight range: upto 60g- mouse drum, upto 350/400g- rat drumBase unit dimensions mm (inch) (WxDxH): 362x 240x 375 (14.25x 9.45x 14.75)Total height mm (inch): 400 (15.75)Fall height cm: 20- mouse drum, 21.5- rat drumLane width mm (inch): 50 (2)- mouse drum, 75 (3)- rat drumDrum diameter mm (inch): 250 (9.8)Rod diameter mm (inch): 30 (1)- mouse drum; 60 (2)- rat drumExtra hood height mm (inch): 130 (5)Constant speeds: 4- 40 RPMAcceleration rate: 30 seconds to 10 minutes with 1 sec incrementsMaterial composition: methacrylate arnite (lanes)	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BOQs Qualified	not Quoted	Not Quoted	Not Quoted	not Quoted	Not Quoted
20.	Lab Timers	<ul style="list-style-type: none">Big digit timer/stopwatch four channels, each of which may be used simultaneously as count up stopwatches or in any combination of countup/countdown. 	Quoted as per BOQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	not Quoted	not Quoted	Not Quoted	Not Quoted	not Quoted	Not Quoted

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26.	Automated Cell Counter/Scepture	<ul style="list-style-type: none">Dilution range for operation: (10,000-500,000 cells/mL). A sample size of 100µl is recommended.The cell counter's screen should display: <p>Cell concentration Average cell size Average cell volume Histogram of size or volume distribution</p> <ul style="list-style-type: none">Dimensions: (WxDxH) 22 x 21 x 9 cm (8.6 x 8.3 x 3.5 in)Applications: Cell culture, cell counting, cell viability, quality controlConcentration: 1×10^4 to 1×10^7 cell/mL (optimal: 5×10^4 to 1×10^7 cell/mL)Detection: Automated microscopyMethod: Automated image-based cell detection (dye exclusion)Sample Type: Cell linesType: Automated cell counterElectrical Requirements: 100 to 240 VAC, 50/60 Hz, 1.5 ACell Size Range: 5 to 60 µmAnalysis Time: 7 sViability Range Inquire	Not Quoted	Quoted as per BOQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	not Quoted	not Quoted	Not Quoted	Not Quoted	not Quoted	Quoted as per BOQs Qualified
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Number of pegs per rack: 27 Pegs. Features of pegs: detachable PCR pegs, dimensions: 5inch (125mm) long, 0.35inch (9mm) dia. 6 rows of pegs, staggered rows. Built-in molded draining tray 22inch (550mm) x4.8 inch (120mm), with hole in the tray for drainage, supplied with 30 inch (760mm) of vinyl tubing. Rack dimensions: 22 inch (550mm) high x 16 inch (400mm) wide. Supplied complete with wall mounting bracket.

28.

Wall Desk Drying Rack

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PHARMACOLOGY/ ORAL BIOLOGY DEPARTMENT

29.

PCR work Station

- Internal dimensions (WxDxH): 31x23x27 inch(minimum)
- vertical laminar flow air
- No ductwork required
- UV shelf with built-in pipettor holder
- Lab event timer
- Clear polycarbonate shell for 360° visibility
- UV and fluorescent lights

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- Vortex-Genie 220V
- Multiple Sample Head Starter Set

30.	Vortex mixer	<ul style="list-style-type: none"> Large Sample Head, for beakers and Flask Replacement pop-off Cup head for vortex Rubber cover for 3 in head 	Quoted as per BOQs <i>Qualified</i>	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BOQs <i>Qualified</i>	Quoted as per BOQs <i>Qualified</i>	Quoted as per BOQs <i>Qualified</i>	Not Quoted	Quoted as per BOQs <i>Qualified</i>	Quoted as per BOQs <i>Qualified</i>	Not Quoted
MICROBIOLOGY DEPARTMENT																
31.	Microscopes	<p>Optical system: Should be infinity Optical System</p> <p>Eye piece: with diaptor ring, pair of 10x magnification,</p> <p>Adjustable Interpupillary distance,</p> <p>Eye point height adjustment</p> <p>Nose Piece: Revolving, Quadruple,</p> <p>Objective: Antifungal coated, Spring loaded, Plan achromat, 4x, 10x, 40x, 100x (Oil immersion)</p> <p>Stage: Mechanical stage with specimen holder</p> <p>Focusing: Coaxial Coarse focusing, fine focusing control on both sides, Focus Lock</p> <p>Condenser: Abbe type</p> <p>Power source: LED, Light intensity adjustable with Koehler Illumination</p> <p>Complete Standard Set</p>	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BOQs <i>Qualified</i>	Not Quoted	Not quoted as per BOQs The microscopes quoted does not have Kohler illumination system <i>Not Qualified</i>	Quoted as per BOQs <i>Qualified</i>	Not Quoted	Not quoted as per BOQs The microscopes quoted does not have Kohler illumination system <i>Not Qualified</i>	Not Quoted
32.	Microwave Oven	30-40 Liter Capacity, clear glass front door	Quoted as per BOQs <i>Qualified</i>	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BOQs <i>Qualified</i>	Not Quoted	Not Quoted	Not Quoted
34.	Water distillation system	<p>All glass Borosilicate Glass fitted with metal element 3 KW</p> <p>capacity 4 Litre per hour, conductivity 4 µs/cm, PH 5.5 to 6.5, wall mounted stand, run on single phase 220V,</p>	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Quoted as per BOQs <i>Qualified</i>	Quoted as per BOQs <i>Qualified</i>	Quoted as per BOQs <i>Qualified</i>	Not Quoted	Not Quoted	Quoted as per BOQs <i>Qualified</i>	Not Quoted

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41.	Digital Weighing Balance Machine	Should be 7 weighing units (g, ct, ozt, oz, GN, dwt, lb), counting (reference number 1/10/20/50/100), tare function over 100% of the capacity, automatic calibration, spirit level, height adjustable feet and integral weighing below hook. Capacity should be 1000 g, readout d 0.1 mg, reproducibility 2 d, linearity (g), ±3 d, tare range 500 g, calibration weight 200 g, weighting plate Φ 80 mm, minimum weight 10 d, stabilization time <4 s, operating temperature 20°C ± 2°C, humidity 45~60% R.H, interface RS232, dimension (WxLxH) 220x360x345 mm and power supply 230 V.	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	quoted as per BOQs Qualified	quoted as per BOQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted
42.	Pipette set Range 0.1-2.5 ul, 2-20 ul, 20-200 ul, 100-1000 ul	Should be Easy operation for right- and left-handed users, low pipetting forces, highly durable shaft, UV resistant, recalibration system, autoclavable. 0.1 to 2.5 µl , 2 to 20µl, 20 to 200µl, 100 to 1000µl.	Quoted as per BOQs Qualified	Not Quoted	Quoted as per BOQs Qualified	Not Quoted	Not Quoted	not Quoted	Vender has quoted 0.2 - 2µL pipette which is not as per required specification therefore, Not qualified	Vender has quoted 0.1 - 2µL pipette which is not as per required specification therefore, Not qualified	Quoted as per BOQs Qualified	Quoted as per BOQs Qualified	Not quoted Vender has quoted 0.2 - 2µL pipette which is not as per required specification therefore, Not qualified	Quoted as per BOQs Qualified	Vender has quoted 0.2 - 2µL pipette which is not as per required specification therefore, Not qualified

43.	Nanodrop machine with PC system & UPS	Software acciarto or equivalent sample intelligence technology to ensure measurement integrity, minimum sample volume 0.5 µL, software should be built-In, on-board, limit of detection dsDNA 2.0 ng/µL, maximum Conc. dsDNA 27,500 ng/µL, measurement time 8 seconds, measurement repeatability 0.002 A, wavelength range190–850 nm, wavelength accuracy ±1 nm, photometric range 0–550 A, photometric accuracy: 3% at 0.97 A, 302 nm spectral bandwidth ≤1.8 nm (FWHM at Hg 254 nm), pathlength 0.030 to 1.0 mm auto-ranging, light source Xenon flash lamp, detector 2048-element CMOS linear image sensoroperating system “ Android™/equivaler CPU Quad Core ARM® Cortex™-A9 Processor/equivalent, display 7-inch, 1280 × 800 high-definition color display. Should be touch screen multipoint capacitive touch, gesture recognition single point, single point hold, swipe and pinch, internal storage 32 GB flash memory, audio built-in speaker, connectivity USB-A ports, Ethernet and Bluetooth and certifications. Applications should be Nucleic Acid A260, A260/A280, A260/A230, Labeled Nucleic Acids; Protein A280 and A205, Protein Pierce 660, Protein Bradford, Protein BCA, Protein Lowry, Labeled Proteins, OD600, Kinetics, UV-Vis, and Custom Methods with 1 KVA UPS	Not Quoted	Not Quoted	Not Quoted	Quoted as per BOQs Qualified	Not Quoted	Not Quoted	Quoted as per BOQs Qualified	Quoted as per BOQs Qualified	Not Quoted	Quoted as per BOQs Qualified	quoted as per BOQs Qualified	Not Quoted	Not Quoted
44.	Dry heat bath/Heat block (with Blocks)	Temperature regulation range should be +20°C-+125°C, temperature uniformity over the platform, Block Capacity 24x2 or 1.5 ml; 15x0.5 ml, 10x0.2 ml microtubes.	Not Quoted	Not Quoted	Vender quoted Thermal Mixer whereas dry heat blocker was required Not qualified	Not Quoted	not Quoted	Not Quoted	Vender quoted Block Capacity 1, which is not as per required specification Not qualified	Not Quoted	Quoted as per BOQs Qualified	Not Quoted	Quoted as per BOQs Qualified	Quoted as per BOQs Qualified	Vender quoted Block Capacity 1, which is not as per required specification Not qualified

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	Heavy duty Extension Leads	Chemillion / Black & Decker	Not Quoted	Not Quoted	Not Quoted	Not Quoted	not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	not Quoted
67.	Microscope Micrometers set	USA made	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	not Quoted
68.	Micrometer Digital (Screw gauge)	USA made	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	not Quoted
69.	Measuring Cylinder plastic	100ml, 500ml, 1000ml	quoted as per BOQs <i>Qualified</i>	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
70.	Air Monitor for Formaldehyde & Organic Compounds	HCOH & TVOC both	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	not Quoted
71.	Camel Hair Brush for Microtomy	5 small and 5 large for microtomy - Local	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	not Quoted	not Quoted	Not Quoted	Not Quoted	not Quoted	Not Quoted
HAEMATOLOGY, FORENSIC SCIENCES AND IMMUNOLOGY DEPARTMENT															
72.	Micropipettes	Fully Autoclavable ➤ Ranges Required (Volume in µL): <ul style="list-style-type: none">0.2-2 (quantity 01)0.5-10 (quantity 02)10 – 100 (quantity 04)100 – 1000 (quantity 05) ➤ 1 channel Micropipette use with standard tips (quantity 02)	quoted as per BOQs <i>Qualified</i>	Not Quoted	quoted as per BOQs	Not Quoted	Not Quoted	Not Quoted	quoted as per BOQs <i>Qualified</i>	quoted as per BOQs	quoted as per BOQs	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>


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73.	Manual Clinical Electrophoresis System	<div>➤ Electrophoresis Tank:</div> <div>➤ Horizontal System for Cellulose Acetate Electrophoresis</div> <div>➤ Accommodates strips and gels</div> <div>➤ Platinum Electrodes.</div> <div>➤ Economy Buffer Usage,</div> <div>Small Bridges (03):</div> <div>(For small cellulose acetate) wet strips, 5.7-14 cm</div> <div>Large Bridge (01)</div> <div>➤ For large cellulose acetate wet sheets,18.3x14cm or 18.3x17cm OR</div> <div>➤ For three cellulose acetate dry plates OR</div> <div>➤ For three pre-cast agarose gels</div> <div>Semi-micro Applicator</div> <div>➤ For 6 samples on dry plates</div> <div>Power Supply</div> <div>➤ Constant voltage</div> <div>➤ Voltage Output: 10 – 300 V</div> <div>➤ Current Output: 5 – 400 mA</div> <div>➤ Max. Wattage: 80 W</div> <div>➤ Timer: 1 Min. – 99 Hrs.</div> <div>➤ Display: LCD Touch Screen.</div> <div>Densitometry Software</div> <div>➤ Capable for analysis of:</div> <div><div>• Serum protein electrophoresis</div><div>• Lipo-protein electrophoresis</div><div>• Hemoglobin electrophoresis</div></div> <div>➤ Capable to analyze on dry or wet cellulose acetate strips</div> <div>➤ Agarose and other gels working with micro, semi-micro or macro applications.</div> <div>➤ Very high analysis speed,</div> <div>➤ Add or delete minima, baseline correction, graph correction, albumin correction</div> <div>➤ (Cellogel/Helena/Sebia/Equivalent)</div>	Quoted as per BOQs	Not Quoted	Not Quoted	Quoted as per BOQs	Not Quoted	Not Quoted	Not Quoted	not Quoted	not Quoted	Not Quoted	Not Quoted	not Quoted	not Quoted
		<div>➤ Microscope with LED illuminator</div> <div>➤ binocular tube</div> <div>➤ a pair of eyepiece 10X (F.N.20)</div>										Not as per required and			


74.	Binocular Microscope	<ul style="list-style-type: none"> ➤ quadruple revolving nosepiece ➤ right-handle mechanical stage ➤ abbe condenser and plan objectives (4X, 10X, 40X, 100X), including AC adapter, Power cord, Immersion Oil 8cc, ➤ Dust cover ➤ Olympus Japan/Equivalent 	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	quoted as per BOQs Qualified	not Quoted	Not as per required and notified specification s. Bidder has quoted the microscope whose field view (WF 10x/18 mm) is less than required (10x (F. N.20) therefore, Not qualified	notified specifications. Bidder has quoted the microscope with no manufacturer website therefore; we could not verify sole distribution. Their microscope objectives and eyepiece are not antifungal treated. They quoted the microscope with backward nosepiece but we required inward nosepiece with antifungal treated eyepiece therefore, Not qualified	Not Quoted	Not as per required and notified specification s. Bidder has quoted the microscope whose field view (WF 10x/18 mm) is less than required (10x (F. N.20) therefore, Not qualified	not Quoted
75.	100X Objective for Olympus BX53 Microscope	<ul style="list-style-type: none"> ➤ Plan achromat objective 100X/1.25, WD 0.13 (spring, oil) ➤ PLCN100XO ➤ Olympus Japan/Equivalent 	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	not quoted	quoted as per BOQs Qualified	not Quoted	not Quoted	Not Quoted	Not Quoted	not Quoted	not Quoted
76.	Improved Neubauer Chamber	<ul style="list-style-type: none"> ➤ standard depth is 0.1 mm ➤ The grid consists of 3 x 3 large squares with areas of 1 mm² each. ➤ The large square in the center is subdivided into 5 x 5 group squares with edges of each 0.2 mm length and areas of 0.04 mm². ➤ These group squares are again subdivided into sixteen small squares of an area of each 0.05 mm x 0.05 mm = 0.0025 mm². ➤ It is used for cell counting ➤ Marienfeld/ Equivalent 	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	not quoted	Not Quoted	not Quoted	not Quoted	Not Quoted	Not Quoted	not Quoted	not Quoted


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84.	Laboratory Freezer (-80°C) with UPS (10KVA)	Digital microprocessor controlled, Temperature range: -40 to -85C, Capacity: 393L Single compressor, Low energy consumption, Low noise level, Low heat dissipation, Insulated inner doors, Castors and door key lock, Ergonomic loading, Heated door frame, Heated vacuum valve, 100% HCFC/CFC free, Porthole for external temperature Probes, Approx. 72 hours battery backup for alarms, loggings and temperature display in case of power cut, Visual and acoustic alarm, Adjustable high/low temperature alarm, Power failure alarm, Probe failure alarm, Instrument failure alarm, Open door alarm, Contact for remote alarm, Prepared for GSM alarm, Integrated data logger (software included), RS485/232 Interface Computer USB data read out, Auto cycle if probe failure, Ambient temperature display Strows all alarms, Direct download/upload on/from USB memory stick, 3-level password protected Battery level indication, Integrated memory. New inner doors: Five polystyrene insulated inner doors help maintain cabinet temperature during openings and features embedded rare earth magnets, eliminating exposed magnets.	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted	<p>Not As the demanded instrument make was European, USA or Japanese, while the quoted instrument is China made.</p> <p>Qualified</p>	<ul style="list-style-type: none"> • Model MDF-U55V Qualified. • Model MDF-U33V not qualified due to smaller capacity <p>Not Qualified</p>	Quoted as per BOQs Qualified	Not Quoted	Not Quoted	Not Quoted	Not Quoted	Not Quoted
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 HOD Human Genetics



 HOD Immunology



 HOD Anatomy



 HOD Pharmacology



 HOD Histopathology



 HOD Forensic Sciences



 HOD Oral Pathology



 HOD Microbiology


 HOD Biochemistry


 HOD Oral Biology


 HOD AHS


Chairman, Tender Committee


Incharge, Purchase Cell