

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 Oral Biology Department, University of Health Sciences, Lahore
4. Tender Inquiry No: UHS/Pur/1144/21
5. Date & Time of Bid Closing: 19.02.2021, 11:00 AM
6. Date & Time of Bid Opening 19.02.2021, 11:30 AM
7. Nos. of Bids Received: 10

Sr. No	Item	Specifications	Quantity	VENDORS PARTICIPATED									
				Technology Links	Raab Scientific	Latif Brothers	Forcare	S.U Enterprises	Key Scientific	Uni Brand	Advance System	Med lab	Human Health Care
<u>1</u>	Intra Oral sensor for dental x-ray	<p>General Used for intraoral dental radiography based on CMOS (complementary metal-oxide semiconductor) technology Should have single-chip CMOS so to reduce patient's exposure & provide high quality images Sensor should employ a fiber-optic plate with CSI scintillator for x-ray to light conversion The FOT (fiber optic plate) should be of a xray attenuating material that should reduce -x ray absorption on the end CMOS photosensor array , thus minimizing x-ray induced noise at photo-sensor array Scintillator should give a high-resolution performance as compared to conventional phosphor Compatible with all general types of X ray generators Should be waterproof , easy to disinfect, clean and store with rounded edges having a smooth even surface Flexible and damage/tear resistant cable. Connectivity USB: 2.0 Sensor cable length: 2m- 2.70m It should license at least 10 network users Technology Fiber-optic based CMOS Photodiode detector: positioned outside of sensitive area Exceptional image quality : high resolution with striking contrast Maximum absorbed current: up to 275 mA Sensor Size External dimensions: Size 1: 25.4 x 36.8mm Thickness: 4.8 mm Active surface area: 600nm (20x30 mm)</p>	02	Not quoted	Not quoted	Not quoted	<u>Qualified</u>	Not quoted	Not quoted	Not quoted	Not quoted	Not quoted	Not quoted

		<p>Controller: Technology: CMOS Photodiode (fiber optic) +Csl Scintillator Theoretical resolution: 27 lp/mm Pixel Size: 18-20 µm Dynamic range- 12bit Electric connections: both AC & DC technology (50-60 kv or500mA) Software Specifications: Multiplatform option, Advanced image filters, Wide variety and customization of templates for the Full Mouth series exams, Simulation of implant measurements and medical reports with teething preview. Voice guidance option for image acquisition. Import / export of images in DICOM formats, Print images with design customization Should be compatible with majority of patient management systems Make: UK,USA,EU, Equivalent</p>											
2	Light Microscope	<p>To be used for viewing of routine histology slides and should have Easy, Ergonomic Manual Stage Movement with a low-torque stage The LED's color rendering index can be with a daylight filter and LED may have an estimated 20,000-hour lifetime. Should have Two eye pieces which can be adjusted by diopter adjustments Should have the following technical specifications: Universal Infinity Corrected UIS2 Optical System Built-in Koehler illumination (Fixed Field Diaphragm) LED Light Source consumption 2.4W or less, AC adapterFocusing of Stage height movement, coarse movement stroke: 15 mm or more Focusing of Stroke per rotation for coarse adjustment knob: 36.8 mm or more, Focusing stopper Torque adjustment for coarse adjustment knob Fine focus knob, minimum adjustment gradations: 2.5 µm or less Quintuple nosepiece with inward tilt Mechanical fixed stage, (W × D): 211 mm × 154 mm or more Stage Traveling range (X × Y): 76 mm × 52 mm or more Single specimen holder including rubber stage grip, Upgradeable to double specimen holder, sheet holder Specimen position scale Stage XY movement stopper Binocular tube FN 20, Tube Inclination 30 Degree, Interpupillary Distance Adjusting Range 48-75m or more Wide field eyepiece 10X, FN20 or more</p>	01	Not quoted	<u>Qualified</u>	<u>Qualified</u>	Not as per BOQs Not Qualified	Not quoted	Not quoted	Not as per BOQs Not Qualified	<u>Qualified</u>	Not quoted	Not quoted