



Purchase & Store Section

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Technical Tender Opened On: 06-02-2019

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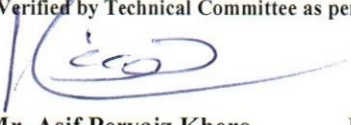
Financial Comparative Statement of Tender for Purchase & Supply of Category (C) Equipments & Reagents for Biotechnology Laboratory Up Gradation at institute of Dentistry, LUMHS Jamshoro


S. No.	Name of Items	MS. Global Marketing Services.	Remarks
01	Rotary Microtome for Oral Pathology Samples: A rotary Microtome used for oral pathology samples basic instruments with X/Y specimen Orientation and fast exchange system for specimen clamps, user selectable Coarse feed wheel turn direction, retraction On/Off function, two mechanical trim steps, blade holder for disposable blades and universal cassette clamp. The rotary microtome has been designed for effortless manual sectioning via a counter-balanced, exceptionally smooth-running hand wheel. The object head with/- 8° X/Y Orientation is equipped with a fast specimen clamp exchange system for improved workflow. Storage space on top of the instrument housing provides room for sectioning tools and accessories. The instrument features a low-maintenance micro-meter feed system with backlash- and maintenance- free vertical cross-roller guides and horizontal specimen feed via precision cylinder guide system, distortion- resistant plate ensures optimum over all stability. The vertical stroke of approx. 59mm and horizontal specimen travel range of 25mm allows users to section specimens up to a size of 50mmx40mmx40mm. Ergonomically designed hand wheel grip. Hand wheel lockable in any position via brake lever attached to base plate and, in addition, lockable in upper position via hand wheel grip. Section thickness selectable between 0.5 and 60 µm. The unit is equipped with specimen retraction on/off function and a two step mechanical trimming function for fast and convenient specimen trimming., equipped with removable hand rests, for user convenience, the coarse feed wheel turn direction, clock- or counter- clockwise, is selectable. Universal cassette clamp for standard paraffin cassettes. Knife holder E for disposable blades (low or high) with knife holder base with lateral displacement function allows safe operation and economic use of entire blade. Technical specifications: Section thickness: 0.5 to 60 µm ## from 0 to 2 µm in 0.5- µm increments ## from 2 to 10 µm in 1- µm increments ## from 10 to 20 µm in 2- µm increments #3 from 20 to 60 µm in 5- µm increments ## vertical stroke length: 59mm/2.32 inches ## Total horizontal specimen travel range: 25 mm/0.98 inches ## Specimen retraction: on/off, approx., 20 µm ## Trimming: 10 µm and 50 µm User selectable coarse feed turn direction clock-or counter-clockwise, For manual sectioning only Technical Data: Dimension (L x W x H):472 mm x 438 mm x265mm Dimensions (Lx W x H): 18.58 inches x 17.24 inches x 10.43 inches Weight: 35kg/ 77.61lbs Regulatory compliance: CE Operating temperature: +10 °C to + 35 °C Specimen orientation (X/Y): 8°	Euro 7,700/= per each Rs. 1,150,000/= per each Rotary Microtome 492125RTS1 Leica RM2125 RTS Configuration 4050237962- Knife holder base 4050237995- Kn. hid, E low- Prof. Silver 4035838925- Low- profile disposable blades 819 (1x50) 4050237999- Universal cassette clamp Technical specifications: Section thickness selection: 0.5 to 60µm Section thickness increments: 0 to 2 µm in 0.5- µm increments From 2 to 10 µm in 1- µm increments From 10 to 20 µm in 2- µm increments From 20 to 60 µm in 5- µm increments Vertical stroke length: 59mm/2.32 inches Total horizontal specimen travel range: 25mm/0.98 inches Knife holder lateral displacement range: 30mm / 1.18 inches Specimen retraction: on/off, trimming: 10 µm and 50 µm Dimensions (LxWxH) mm/in: 472x438x265/ 18.58x17.24x10.43 Weight: 35 kg / 77.61 lbs regulatory Compliances: CE Operating Temperature: +10 °C to +35 °C, Specimen orientation (X/Y): 8° Country Origin of Germany	M/S Global Marketing Services has single firm quoted & Qualified for purchase order being best evaluated

Central Purchase Committee

Note. The Rates of Single firm quoted Items have been Verified by Technical Committee as per SPPRA Rule No. 48


Prof. Sohail Ahmed Almani
Dean Faculty of basic medicine of Sciences
LUMHS Jamshoro, Chairman (CPC)


Mr. Asif Pervaiz Khoro
External Member from
University of Sindh Member CPC


Mr. Haroon Ahmed Kalhoro,
Accounts officer, LUMHS Jamshoro
Member CPC


Mr. Azar Akbar Memon
Director, Department of I.T
Member CPC



Eng. Ashif Iqbal Memon
Deputy director E/W working as
Deputy Registrar (Member CPC)


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02	Histology Steiner for Oral Pathology Samples: The basic Instrument is ready for use without any further accessories: Instrument Features: High-capacity, small linear stainer, holds up to 72 slides on the instrument at the same time. Continuous load by adding a rack of four slides at each interval. Fast results with total staining time as short as 30 seconds. Walk-away convenience with a collection tank comprising 16 slides and a 'protocol-finished' alarm. Three stations connectable to running water to achieve best rinse quality. Reagents are kept fresh with a small container volume of 50, ml, which facilitates regular reagent changes and keeps costs low. Easily adjustable staining times to optimize protocols, of agitation. Ability to process a wide range of protocols and tissue, types-staining speed can be adjusted between 2 and 300 seconds per station. Ideal reagent sequence- 14 reagent stations provide flexibility. Increased protocol variety – selectable start position allows skipping of unnecessary steps. Dimension and Weight: Width: 620cm/24.5" Depth: 20cm/8" Height: 25cm/10" Weight: 16kg/15lbs	Euro 5,600/= per each Rs. 900,000/= per each Histology Steiner Leica ST4020 Germany Configuration 4050946425 Leica linear Stainer ST 4020 4041157006 Power Cord Technical specification: Staining time: 2 – 300 Seconds at each station Agitation: 0-3 dips Number of reagent station: 14 Tank capacity: 4 slides carriers Slide Carrier capacity: 4 slides Reagent container Volume: 50 ml Number of rinse stations: up to 3	M/S Global Marketing Services has ingle firm quoted & Qualified for purchase order being best evaluated
03	Cell and Tissue Microscope platform Inverted Microscope with patented camera stand outfit Camera stand (FOV20,LED illumination, exchangeable eyepieces, fix stage, 5MP HD camera, power cable) -two eyepieces (10x/20 eyepiece w/eyeguard and 10x/20 focusing eyepiece w/eyeguard) -S40 condenser -4 position slider for S40 condenser (BF,Pho,Ph1,Ph2,) -4 Objectives (N PLAN 5x/0.12, Pho,HI PLAN I 10x/0.22PHI, HI PLAN I 20x/0.30 PHI, HI PLAN I 40x/0.50 PHI) -Dust Cover Object Guide: The object guide with rack structure for Leica DMi1 with an adjustment range (xy) of 126x83mm accept all the different inserts from a current range. A special clamping device at the surface of the object guide ensures a precise fixing of each part of the range of holders. The ergonomic, low-lying coaxial control drive is extremely accurate and sensitive. Objective guide can be easily adapted to the left or right of any of the fixed work stages. Universal holding stages: Universal Holding Frame: Universal Holding frame M, suitable for fixed stages of inverted Microscopes with object guide for petri dishes with diameter 24 mm up to 68 mm and slides with a length up to 120mm.	Euro 7,200/= per each Rs. 1,300,000/= per each Cell and Tissue Microscope platform Configuration: Leica DMi1 Germany DMi1 Camera MC170,S40,4P slider, 4 Obj iVD 11526215 -Leica DMi1 MC170 Camera stand outfit -Leica DMi1 MC170 Camera stand (FOV20,LED illumination, exchangeable eyepieces, fix stage, MC170 camera, power cable. -Two eyepieces (10x/20 eyepiece w/eye guard and 10x/20 focusing eyepiece w/ eye guard) -S40 condenser -4 position slider for S40 condenser (BF,Pho,PH1,Ph2) -4 objectives (N PLAN 5x/0.12 PHO, HI PLAN I 10x/0.22 PH1, HI PLAN I 20x/0.30 PH1 HI PLAN I 40x/0.50 PH1) Dust cover	M/S Global Marketing Services has ingle firm quoted & Qualified for purchase order being best evaluated

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04	Versatile Microscopes for M Phil and Phd students: Platform: right hand stage standard Stand with 4 position nosepiece, universal Power supply plus USB power with integrated connector, mechanical stage with non extending rack and slide holder, Pre-centered and pre-focused abbe condenser with slot for phase and dark field sliders and labels for matching objective magnifications, LED illumination, built in handle and cord wrap, dust cover, fluorescence and Camera Upgradable in future Tube: 45" Bino EZ Tube 10x/20 Objectives: Plan 4x/0.10NA, 26.2mm W.D. Plan 10x/0.22NA, 7.8mm W.D. Plan 40x/0.65NA, 0.31mm W.D. Plan 100x/1.25NA, 0.10mm W.S., IOil Immersion Oil Europe Continental power cord	Euro 1,150/= per each Rs. 180,000/= per each Microscope Leica DM500. Configuration: Stand DM 500 Rt. Hand stage std stand w/condense 13613215 Tube 45" Bino EZ tube 10x20 13613224 Objectives Plan 4x/0.10 NA, 26.2 mm W.D.13613240 Plan 10x/0.622 NA, 7.8mm W.D. 13613241 Plan 40x/0.65 NA, 0.31MM W.D.13613242 Plan 100x/1.25 NA, 0.10mm W.DS. Oil 13613243 Accessories Immersion oil, 7.4 ml 13614800 Power Cables Europe continental power cord 136132901	M/S Global Marketing Services has ingle firm quoted & Qualified for purchase order being best evaluated

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