Sultan Qaboos University
Procurement Department

جامعة السلطان قابوس
دائرة المشتريات

REQUISITION FORM

Requisition Number:1234220034

Last Date for Submission:30/05/2022

S.N.	SQU Product Code	Description	Qty.	UOM	Remarks
1	EQUINSMIW0002	ULTRAMICROTOME	1	NOS	Ultra cut microtome With the following specifications For Preparation of semi-thin and ultra-sections, as well as the perfectly smooth surface required for LM, TEM, SEM, and AFM examination with eucentric 180? swiveling microscope carrier with eucentric movement. "With eucentric of the stereomicroscope carrier (+5?/-8?) with designated positions for specimen approach, for glass and diamond knives. "Built in antivbration system "Ergonomic stereomicroscope system with unique lateral viewing control (Different available options). "Multi - LED illumination for standard illumination, back light illumination, specimen transillumination and spot light illumination. All are independently adjustable. "Cutting window adjustment from 0.2 mm dual automatic advance system with

					stepping motor for 200 um specimen advance. "Cutting speed: 0.1 to 100 mm/sec in 0.1 mm/sec increments ariable return speed over entire cutting speed range. "Fully motorized knife stage. Knife stage movement: 50 mm gross advance: - 25 mm E-W travel - 12 mm N-S advance "Making ultra-thin sections up to 40 nm thick or less. "Equipped with universal specimen holder. "Touch- sensitive control unit display. "Attached to digital color camera and pc. "High definition video package showing work area with built-in video measuring system. "Record & save video clip & still images. "No need for antivbration table. "No need for cryo attachment "Three DiATOME Ultra 45deg Diamond Knives of 3.0mm wide are required within the system to produce ultrathin sections of 30nm - 200nm. "Ultramicrotme accessories tools box: "Flat and round specimen holder that are less than 8 mm diameter, include 4 mm specimen wrench. "Universal specimen holder "Knuried head allen key , 3 mm "Three years services warranty including spare parts and labor cost. "All prices of each item should be specified