

**BIL. SEBUTHARGA/QUOTATION REF: UBD/Q/025/2022 - [G]
(FOS)**

**TITLE : TO SUPPLY, DELIVER, INSTALL, COMMISSION AND TEST OF ONE (1) UNIT OF
MICROSCOPE TO GEOSCIENCES, FACULTY OF SCIENCE, UNIVERSITI BRUNEI
DARUSSALAM.**

No.	Quantity	SPECIFICATIONS
1	1 unit	<p>1. SCOPE OF WORK – To supply, deliver, install, commission and test:</p> <ul style="list-style-type: none"> • 1 unit of Binocular Microscope with Accessories (Listed below) <p>Note: The above should be quoted as a set with a package price. Partial quotations are not acceptable.</p> <p>2. SYSTEM OVERVIEW:</p> <ul style="list-style-type: none"> • This instrument will be used for teaching and research. It is required by both undergraduate and postgraduate student courses in Geosciences. Numerous Honors and Postgraduate projects in the field and laboratory can be generated using this instrument. <p>3. SPECIFICATIONS:</p> <p>The package shall contain a minimum of the following list of equipment.</p> <ul style="list-style-type: none"> • Binocular Microscope with Accessories - 1 unit <p>Technical Specifications:</p> <ul style="list-style-type: none"> o Microscope stand: o Microscope stand Axiolab 5, TL, 5x H encoded, mechanical Stage 75x50R o Z-drive with fine drive knob left and fine drive disk right, flat with scale o 15 mm focus lift o nosepiece 5x brightfield, M27 coded o stage and condenser carrier o mechanical stage 75x50 R, rackless with hardcoat anodized surface, 220 x 150 mm stage plate, right drive 135 mm (extendable by 15 mm) with friction setting o dual specimen holder for one-hand operation, spring lever left o transmitted-light illumination with white LED 10W, optional for halogen reflector lamp 12V 35W o integrated 24V DC 60W power unit, stabilized 100...240V AC/ 50...60Hz o country-specific power cable o ECO mode and light management control button o Snap button supports ZEISS Axiocam o USB 2.0 to PC o dust cover o filter holder in TL o left stage knob <p>MUST INCLUDE ACCESSORIES:</p> <p>i. Stand accessories</p> <ol style="list-style-type: none"> a. Fine drive knob with scale, changeable for Axio Imager 2, Axio Lab.A1 and Axiolab 5 b. Base plate for microscope stand <p>ii. Observation Tube</p> <ol style="list-style-type: none"> a. Binocular tube 30°/23, upright image b. Eyepiece PL 10x/22 Br. Foc X <p>iii. Objectives</p> <ol style="list-style-type: none"> a. Objective A-Plan 5x/0.12 M27 b. Objective A-Plan 10x/0.25 M27 c. Objective A-Plan 20x/0.45 M27 d. Objective A-Plan 40x/0.65 M27 e. Objective A-Plan 63x/0.8 M27

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		<p>iv. Condenser a. Condenser 0.9/1.25 H For objectives 5x-100x, compatible with low-power system for objectives 2.5x/4x, WD=0.8mm</p> <p>v. Simple Polarization accessories a. Polarizer D, fixed, removable b. Analyzer slider D/A, 360° rotatable c. Intermediate plate for analyzer slider 12x46</p> <p><i>Specification continued in page 4.</i></p> <p>4. NEW EQUIPMENT AND MATERIALS: • The equipment supplied shall be original from the manufacturer, new and of the latest model or version, unless specifically stated otherwise in the specifications. The successful supplier must also ensure that the equipment is in good working order on delivery</p> <p>5. DOCUMENTATION: • All documentation must be in English. Application operation and reference manuals are to be provided.</p> <p>6. IMPORT DUTIES AND OTHER COSTS: • Where applicable, the successful supplier shall bear all the costs of relevant government duties, delivery, insurance, installation, testing and commissioning.</p> <p>7. WARRANTY • Warranty duration must be at least one year (twelve months) from the date of completion of installation or commissioning. The warranty shall cover all the items supplied.</p> <p>8. AFTER SALES SERVICE: • The vendor should provide excellent services and maintenance after warranty expired.</p> <p>9. MISCELLANEOUS • Other accessories required for the complete installation of the system.</p>