



Republic of the Philippines
ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY

La Paz, Iloilo City

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Section VII. Technical Specifications

| ITEM NO. | SPECIFICATION | STATEMENT OF COMPLIANCE |
|----------|---------------------|--|
| | ABC (P 470,123.50) | [Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution.] |

Procurement of Microscope with Digital Camera and Laptop set for CNSRD

| ITEM NO. | Specification | UNIT | QTY | BRAND | Statement of Compliance |
|----------|--|----------------------|-----|-------|-------------------------|
| 1 | <p>Microscope with digital camera and laptop set</p> <p>Microscope specs: Optical System: UIS2 (universal infinity-corrected) optical system Illumination System: • Built-in transmitted illumination system • Kohler illumination (fixed field diaphragm) • LED power consumption 2.4 W (nominal value), precentered Focusing: • Stage height movement (coarse movement stroke: 15 mm) • Stroke per rotation for coarse adjustment knob: 36.8 mm, Focusing stopper • Torque adjustment for coarse adjustment knob • Fine focus knob (minimum adjustment gradations: 2.5 μm) Revolving Nosepiece: Fixed quintuple nosepiece with inward tilt Stage: • Wire movement mechanical fixed stage, (W × D): 211 mm × 154 mm • Traveling range (X × Y): 76 mm × 52 mm • Single specimen holder (optional: double specimen holder, sheet holder) • Specimen position scale • Stage XY movement stopper Observation Tube: Type (anti-fungal) Eyepiece (anti-fungal); 10X Field Number (FN): 20 Tube Inclination: 30° Light Path Selector: None Interpupillary Distance Adjusting Range: 48??75 mm Condenser: • Abbe condenser NA 1.25 with oil immersion • Built-in aperture iris diaphragm • AS lock pin Observation Method: Brightfield Objectives: Plan achromat (UIS2), anti-fungal Rated Voltage/Electric Current: AC 100-240 V 60 Hz 0.4 A</p> | Set with accessories | 1 | | |
| | <p>Camera specs: Sensor & Size: 4K/Sony IMX334(C) 1/1.8"(7.68x4.32)</p> | | | | |



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|--|---|--|--|--|
| | <p>Pixel (um): 2.0x2.0 G Sensitivity: 505 mv with 1/30s Dark Signal: 0.13 mv with 1/30s FPS/Resolution: 30@3840x2160(HDMI) 30@3840x2160(NETWORK) 30@3840x2160(USB) Binning: 1x1 Exposure: 0.04ms~1000ms USB Mouse: Connect USB mouse for easy operation with embedded XCamView software USB2.0: Connect USB flash drive to save pictures and videos Connect 5G WLAN module to transfer video wirelessly in real time USB Video: Connect PC or other host device to realize video image transmission</p> | | | |
| | <p>HDMI: Comply with HDMI1.4 standard. 4K/1080P format video output and supporting automatic switch between 4K and 1080P format according to the connected monitors LAN: LAN port to connect router and switch to transfer video SD: Comply with SDIO3.0 standard and SD card could be inserted for video and images saving ON/OFF: Power switch LED: LED status indicator DC12V: Power adapter connection (12V/1A) Video Output Interface HDMI Interface: Comply with HDMI1.4 standard 30fps@4K or 30fps@1080P LAN Interface: Support real time resolution switching(4K/1080P/720P) H264 encoded video DHCP configuration or manual configuration Unicast/multicast configuration WLAN Interface: Connecting 5G WLAN adapter (USB2.0 slot) in AP/STA mode USB Video Interface: Connecting USB Video port of PC for video transfer MJPEG format video</p> <p>Laptop specs: Processor: Intel core i5 Memory: 8GB DDR4 Hard Drive: 512 GB SSD Display: 14" HD Operating System: Win 11 Connectivity: WiFi, USB 3.0</p> | | | |
| | <ul style="list-style-type: none"> • Included: Installation, commissioning, and training of operators by local service engineer • All items must be brand new and not reconditioned • Includes complete installation and demonstration | | | |
| | <p>Delivery Period: 120 days</p> | | | |
| | <p>Warranty 3 years on parts and 1 year on service</p> | | | |