



UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES

Alubijid | Balubal | Cagayan de Oro | Claveria | Jasaan | Oroquieta | Panaon | Villanueva

OFFICE OF THE BIDS AND AWARDS COMMITTEE II

Section VI. Schedule of Requirements

The delivery schedule, expressed in weeks or months, indicates the required delivery date which shall be understood as the date the Goods are to be delivered to the project site.

Item Number	Description	Quantity	Total	Delivery Schedule
1.1	EMT LABORATORY EQUIPMENT SEPARATION STATION • Aluminum profile plate, approximately 700x350mm with cable guide • Conveyor module, 300x400mm, DC • Diffuse sensor, analog • Stopper, simple, with valve • Start-up valve with filter control valve • Cable holder with hook-and-loop fastener (pack of 10) • Standard industrial multi-pin I/O interface terminal block for digital and analog signal connections • Tool-less quick-lock clamping mounting adapters compatible with the mounting profile • Trolley (700 x 350), with height adjustment • Control console • Workpiece Set 'Cylindrical Bodies' • PLC (Programmable Logic Controller) • Analog cable, parallel, 2m • Safety laboratory cable, 3m • IEC power cable 90° • simulation box • Must be compatible with the existing unit • With one (1) day onsite training to all EMT Faculty Members at USTP-Villanueva Campus	1	Lot	Ninety (90) Calendar Days

Schedule of Requirements – Proposed Procurement of the Supply, Delivery, Installation and Commissioning of Electro-Mechanical Technology (EMT) Laboratory Equipment and 3D Printer for USTP-Villanueva Campus CY 2026



1.2	MOTOR DRIVES TRAINING SYSTEM • Motor Drives (Student Manual) • Motor Drives (Instructor Guide) • Troubleshooting (Student Manual) • Troubleshooting (Instructor Guide) • Power Diodes • DC Motor • AC Drive • DC Drive • Must be compatible with the existing unit • With one (1) day onsite training to all EMT Faculty Members at USTP-Villanueva Campus			
2	HEAVY DUTY 3D PRINTER • Sets up in 15mins • High-speed CoreXY structure up to 20,000mm/s² acceleration • Upgradable and customizable flexibility • Microprocessor-controlled electronics featuring active vibration compensation, pressure advance, integrated internal chamber camera for remote monitoring, integrated internal LED chamber lighting, and Wi-Fi connectivity. • 3D printer Carbon • Build Plate • 3D printer Filament Samples (Random color) • Accessory Box • With 3D printer Filament Starter Pack at least 1kg -5x Polyterra PLA -5x Polylite PLA -5x Polylite ABS -5x Polylite PETG -5x Polylite PLA pro • Printing Technology: Fused Deposition Modeling (FDM) / Fused Filament Fabrication (FFF) • Chassis Frame: Heavy-duty rigid metal frame (Steel or Aluminum) • Enclosure/Shell: Fully enclosed structure with clear viewing panels • Hot End: All Metal • Extruder Gears: Steel • Nozzle: Stainless Steel • Max Hot End Temp: atleast 300°C • Max Build Plate Temp: atleast 100°C	1	Lot	Thirty (30) Calendar Days

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• Part Cooling Fan: Closed Loop Control • Air Filter: Activated Carbon Filter • Supported Filament: PLA, PETG, TPU, ABS, ASA, PVA, PET • Integrated or compatible Automatic Multi-Filament/Multi-Material Management System capable of holding and automatically switching between a minimum of four (4) filament spools • With one (1) day onsite training to all EMT Faculty Members at USTP-Villanueva Campus			
*** Nothing Follows ***			

I hereby verify to comply with all the above requirements.

Signature over printed name of the authorized representative

Company name

Date

Schedule of Requirements – Proposed Procurement of the Supply, Delivery, Installation and Commissioning of Electro-Mechanical Technology (EMT) Laboratory Equipment and 3D Printer for USTP-Villanueva Campus CY 2026

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