REPUBLIC OF THE PHILIPPINES
CITY OF LAPU-LAPU 6015
BIDS AND AWARDS COMMITTEE

BAGONG PILIPINAS

INVITATION TO BID FOR
ONE (1) LOT LABORATORY EQUIPMENT AND MULTIMEDIA EQUIPMENT FOR LLC COT LABORATORY

The **City of Lapu-Lapu**, through the **TRUST FUND 2-02-01-050-521** intends to apply the sum of **One Million Eight Hundred Ninety Thousand Pesos (₱ *1,890,000.00*)** being the Approved Budget for the Contract (ABC) to payments under the contract for *the procurement of* **ONE (1) LOT LABORATORY EQUIPMENT AND MULTIMEDIA EQUIPMENT FOR LLC COT LABORATORY under P.R No. 26-07-0958.** Bids received in excess of the ABC shall be automatically rejected at bid opening.

1) The **City of Lapu-Lapu** now invites bids for **ONE (1) LOT LABORATORY EQUIPMENT AND MULTIMEDIA EQUIPMENT FOR LLC COT LABORATORY**. *(CITY COLLEGE)*

ITEM NO.	QTY.	UNIT OF ISSUE	ITEM DESCRIPTION
1.	5	pcs	**AM RECEIVER** Technical Requirement -Equipment Type: Educational AM Receiver Kit -Receiver Type: AM (Amplitude Modulation) Broadcast Band Receiver -Frequency Range: 530 kHz to 1710 kHz (AM Broadcast Band) -Circuit Type: Transistor-based or Integrated Circuit (IC)-based Receiver -Power Supply: 3?9 VDC (Battery or DC Adapter) -Audio Output: Built-in Speaker and/or 3.5 mm Headphone Output -Speaker: Minimum 8, 0.5 W -Antenna: Ferrite Rod Antenna or Equivalent -Tuning Method: Variable Capacitor or Electronic Tuning -Volume Control: Adjustable -Printed Circuit Board: Pre-fabricated PCB with component markings -Assembly Type: Through-hole soldering for instructional purposes -Components Included: Resistors, capacitors, transistors/ICs, diode, speaker, ferrite antenna, variable capacitor, connectors, switches, and other required electronic components -Operating Temperature: 0°C to 40°C -Documentation: Assembly Manual, Circuit Diagram, Schematic, and Experiment Guide in English -Compliance: CE, RoHS, or equivalent (if applicable)
2.	2	UNIT	**DUAL-NOZZLE 3D PRINTER**

			Technical Requirement - Printing Technology: FDM (Fused Deposition Modeling) - Extruder: Dual Nozzle / Dual Extrusion - Build Volume: Minimum 300 x 300 x 300 mm - Layer Resolution: 0.050.30 mm - Nozzle Temperature: Minimum 300°C - Heated Bed: Yes, minimum 100°C - Print Speed: Up to 200 mm/s or higher - Filament Size: 1.75 mm - Compatible Materials: PLA, ABS, PETG, TPU, Nylon, PC, PVA - Bed Leveling: Automatic or Assisted Auto Leveling - Display: 4.3-inch or larger Color Touchscreen - Connectivity: USB, Wi-Fi, Ethernet or SD Card - Safety Features: Thermal Runaway Protection, Power-Loss Recovery, Filament Run-Out Detection - Power Supply: Auto-volts 100240 VAC
3.	2	UNIT	**ELECTRONICS INSTRUMENTATION KITS** - Equipment Type: Instrumentation and Measurement with - Transducer and Valves Training Kit - Training Platform: Modular bench-top trainer with interchangeable modules - Power Supply: Built-in regulated power supply with +5 VDC, ±12 VDC, and 24 VDC outputs - Human Interface: LCD or LED digital display with process variable indicators - Signal Conditioning: Integrated amplifier, filter, signal converter, and isolation circuits - Measurement Outputs: Voltage (010 V), Current (420 mA), and Digital I/O - Test Points: Clearly labeled voltage, current, and signal measurement terminals - Protection: Short-circuit, overload, reverse-polarity, and overvoltage protection - Trainer Construction: Heavy-duty insulated enclosure with modular mounting system - Documentation: User Manual, Laboratory Manual, Circuit Diagrams, Experiment Guide, and Calibration Procedures - Transducer Component Must be Included - Temperature Sensor (RTD, Thermistor, and/or Thermocouple) - Pressure Transducer - Flow Sensor - Liquid Level Sensor - Humidity Sensor - Light Sensor (LDR or Photodiode) - Proximity Sensor (Inductive and/or Capacitive) - Ultrasonic Distance Sensor - Hall Effect Sensor

			- Strain Gauge / Load Cell - Rotary Encoder
4.	5	UNIT	**FIBER OPTIC FUSION SPLICER** - Fiber Alignment : Core Alignment or Active Cladding Alignment - Compatible Fibers: SM, MM, DS, NZDS, G.657A/B - Typical Splice Loss: SM 0.02 dB, MM 0.01 dB - Splicing Time: 8 seconds - Heating Time: 20 seconds - Display: 5-inch or larger Color LCD Touch Screen - Fiber Viewing: Dual Camera (X and Y Axis) - Magnification: Minimum 300x - Splice Programs: Minimum 100 - Heating Programs: Minimum 30 - Battery Rechargeable: Lithium Battery - Battery Capacity: Minimum 200 splice and heat cycles per charge - Internal Memory: Minimum 5,000 splice records - Interface: USB Port - Automatic Functions: Arc Calibration, Fiber Detection, Heater Start - Electrode Life: Minimum 3,000 arc discharges - Operating Temperature: -10°C to +50°C - Power Supply: AC Adapter (100240 VAC) and Rechargeable Battery - Protection: Shock-resistant and Dust-resistant - Weight: Maximum 2.5 kg (including battery) - Accessories: Fiber Cleaver, Fiber Stripper, Spare Electrodes, Cooling Tray, Carrying Case, AC Adapter, Battery, USB Cable, Tool Kit, Cleaning Brush, User Manual
5.	5	pcs	**FM RECEIVER** Technical Requirement - Equipment Type: Educational FM Receiver Kit - Receiver Type: FM Broadcast Band Receiver - Frequency Range: 87.5 MHz to 108 MHz - Circuit Type: Integrated Circuit (IC)-based or Transistor-based FM - Receiver - Sensitivity: 10 V (typical) - Power Supply: 39 VDC (Battery or DC Adapter) - Audio Output: Built-in Speaker and/or 3.5 mm Headphone Output - Speaker : Minimum 8 , 0.5 W - Antenna: Telescopic Antenna or Wire Antenna - Tuning Method: Variable Capacitor, Potentiometer, or Digital Tuning - Volume Control: Adjustable - Printed Circuit Board: Pre-fabricated PCB with silkscreen component markings - Assembly Type: Through-hole soldering for instructional purposes

			- Components Included: Complete set of resistors, capacitors, ICs/transistors, inductors, diodes, speaker, antenna, switches, connectors, and other components required for assembly - Documentation: Assembly Manual, Circuit Diagram, Schematic, Parts List, and Laboratory Guide in English - Compliance: CE, RoHS, or equivalent (if applicable)
6.	2	UNIT	**INTERACTIVE TV** - UHD 4K display with resolution of 3840x2160 Anti-glare and anti-blocking design to ensure smooth interaction. - Dual systems of Android and Windows (optional) saving cost and easy to use, Video conference software are recommended to run under Windows system. - Quick response, at most 40-point touch controls and smooth writing experience, Multi-button design in front, convenient for classroom use. - Compatible wt OPS/OPS-C devices, realizing smooth switch between built-in systems.
7.	1	pcs	Multimedia System Technical Requirement - Equipment Type: Multimedia System Training Kit - Training Modules: Audio Amplifier, Microphone Input, Speaker Output, Audio Mixer, Tone Control, Video Signal Interface, Power - Supply Module - Audio Input: Microphone and Line-In - Audio Output: Built-in Amplifier with Speaker Output and 3.5 mm - Audio Jack - Video Input: Composite Video and/or HDMI Interface - Video Output: Composite Video and/or HDMI Output - Amplifier Power Output Minimum: 10 W per channel - Frequency Response: 20 Hz 20 kHz - Signal Controls: Volume, Bass, Treble, Balance - Display Indicators: LED Power and Signal Indicators - Power Supply: 100240 VAC, 50/60 Hz with built-in DC power outputs - Interface Ports: USB, 3.5 mm Audio, RCA and/or HDMI (as applicable) - Training Board: Modular PCB with clearly labeled components and test points - Measurement Points: Accessible test points for voltage and signal measurements - Protection Features: Short-circuit, overload, and reverse-polarity protection - Documentation: User Manual, Experiment Manual, Circuit - Diagrams, and Laboratory Exercises in English
8.	1	UNIT	**PLOTTER PRINTER** Technical Requirement - Equipment Type: Large-Format Color Inkjet Plotter Printer

			- Printing Technology: Thermal Inkjet or Piezoelectric Inkjet - Print Width: Minimum 24 inches (610 mm) - Maximum Media Width: Minimum 24 inches -Warranty 1 year - Print Resolution : Minimum 2400 x 1200 dpi - Print Speed: Minimum 30 seconds per A1-size print (Draft Mode) - Ink Type: Pigment-based or equivalent, minimum four (4) color ink system (Cyan, Magenta, Yellow, Black) - Number of Ink Cartridges: Minimum 4 individual replaceable cartridges - Memory: Minimum 1 GB RAM - Connectivity: USB 2.0 or higher, Gigabit Ethernet, and Wi-Fi - Supported Media: Plain Paper, Bond Paper, Coated Paper, Photo Paper, Matte Paper, Glossy Paper, Roll Media, and Cut Sheets - Media Loading: Roll Feed and Sheet Feed - Automatic Cutter: Built-in automatic media cutter - Borderless Printing: Supported (where applicable) - Supported Paper Sizes: A4, A3, A2, A1, and custom sizes up to maximum print width - File Compatibility: PDF, TIFF, JPEG, PNG, HPGL/2, RTL, or equivalent - Operating System: Should be compatibility Windows 10/11 and macOS - Display Color: LCD Touchscreen or equivalent control panel - Power Supply: 100240 VAC, 50/60 Hz - Duty Cycle: Suitable for educational and office use - Noise Level: 50 dB during operation **Warranty: 1 year** **Period of Delivery: 60 calendar days upon receipt of PO/NOA**

Delivery of items are to be delivered ***within Sixty (60) Calendar Days upon receipt of Notice of Award/Purchase Order.*** Bidders should have completed, within ten (10) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.

2) Bidding will be conducted through competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the IRR of RA No. 12009.

   i) Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.

3) Interested Bidders may obtain further information from *the* ***City of Lapu-Lapu*** *through the Bids and Awards Committee, located* **at the 2/F City General Services Office, City Hall, Pusok, Lapu-Lapu City** and inspect the Bidding Documents at the address given below from **8:00 a.m to 4:00 p.m.**

4) A complete set of Bidding Documents may be acquired by interested Bidders from ***September 14, 2026 (from 8 a.m. to 5 p.m.) until on or before 12 noon of September 29, 2026*** from ***BAC Office located at the 2/Floor of the City General Services Office, City Hall, Pusok, Lapu-Lapu City*** and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **₱ 5,000.00**. The Procuring Entity shall allow the bidder to present its proof of payment for the fee for the Bidding Documents during the period provided in the preceding paragraph.

5) The *City of Lapu-Lapu/ BAC* will hold a **Pre-Bid Conference** on ***N/A (1:30 P.M.)*** at ***BAC Conference Room located at 2/Floor City General Services Office, Pusok, Lapu-Lapu City***, which shall be open to prospective Bidders.

6) Bids must be duly received by the Bids and Awards Committee (BAC) Secretariat through the given address above **on or before 12 Noon of *September 29, 2026.*** Late bids shall not be accepted.

7) All Bids must be accompanied by a Bid Security in any of the acceptable forms and in the amount stated in ITB Clause 16.1.

8) Bid opening shall be on ***September 29, 2026 (1:30 P.M.)*** at **BAC Conference Office, located at 2/Floor City General Services Office, Pusok, Lapu-Lapu City.** Bids will be opened in the presence of the Bidders' representatives who choose to attend the activity.

9) The City of Lapu-Lapu/ BAC reserves the right to reject any all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Section 70 of R.A. No. 12009, without incurring any liability to the affected Bidder of Bidders.

For further information, please refer to:
Vanessa Jeanne A. Dela Serna
BAC Secretariat
City General Service Office

You may visit the following:
PhilGeps: _____ Website: _____
3 Conspicuous Place:
CEO Bulletin: ____ CGSO: ____ Market: ____

SIGNED

RONALDO D. MALACORA
OFFICER-IN-CHARGE- CGSO
BAC CHAIRPERSON

14th Day of September, 2026
(PhilGeps Posting Date)