



Republic of the Philippines
CARAGA STATE UNIVERSITY
Ampayon, Butuan City 8600, Philippines
Competence Service Uprightness
PROCUREMENT OFFICE



PHONE: 0917 707 8713 Loc. 248 | EMAIL: csuprocurement@carsu.edu.ph

NOTICE OF AWARD

Jul 21, 2026

TECHXCHANGE NON-SPECIALIZED WHOLESALE TRADING
Block 5, Lot 30 Lumina Taguibo, Butuan City

Dear Sir / Madam:

We are happy to notify you that the Provision for Research and Exploration (Electronic Supplies) for the Operation of the Office of Research, Development, Innovation and Extension. RAF-101-26-06-375 is hereby awarded you as the bidder with the Lowest Calculated and Responsive Quotation at a Contract Price of Equivalent to ONE HUNDRED NINETY-NINE THOUSAND EIGHT HUNDRED SIXTY PESOS ONLY. (Php. 199,860.00)

QTY	Unit	Description	BID PRICE	TOTAL PRICE
1	LOT	5V BUCK CONVERTER, *Module LM2596S OEM *Power Inverter Specification: Input Voltage: DC 9V - 36V Output Voltage: 5.2V Input different voltages will output different power: DC 9-24V, Output 5.2V/6A/30W DC 24-32V, Output 5.2V/5A/25W DC 32-36V, Output 5.2V/3.5A/18W Power Inverter Features: Synchronous rectification scheme, wide voltage, high current, high efficiency With DC plug and terminal, easy to use With USB port, with fast charge recognition chip compatible with android and iPhone UNIT: PIECES, QUANTITY: 10 ATM90E36A, *Microchip *Microchip Technology Operating Voltage: 3.3V Communication Interface: SPI, UART Power Measurements: Active Power (W) Reactive Power (VAR) Apparent Power (VA) RMS Voltage (V) RMS Current (A) Power Factor UNIT: PIECE, QUANTITY: 5 BATTERY CHARGER, *BOSCA Smart Battery Charger *Voltage: 12V Current: 2A-5A Trickle Charge/Maintenance Mode Overvoltage & Overcurrent Protection Automatic Shutoff UNIT: PIECE, QUANTITY: 3 BATTERY, *GENTAI *Nominal Voltage: 12.8V Rated Capacity: 20Ah Cycle Life:4000 cycles at 100% Depth of Discharge (DoD) Built-in Battery Management System (BMS) Operating Temperature Range: Charge: 0C to 45C (32F to 113F) Discharge: -20C to 60C (-4F to 140F) UNIT: UNIT, QUANTITY: 3	199,860.00	199,860.00

P.O. #: RAF-101-26-07-351

Please acknowledge receipt and acceptance of this notice by signing both copies in the space provided below. keep one copy and return the other to Caraga State University

Very truly yours,

REDACTED

ALEXANDER T. DEMESTILLO, D.Eng
Vice President for Administration and Finance

AUG 17 2026

I acknowledge receipt of this Notice on:

Name of the Representative of the Bidder: CHERYL KATH Q. JALICO

Authorized Signature: **REDACTED**



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QTY	Unit	Description	BID PRICE	TOTAL PRICE
		BATTERY, *JSL II *12V, 150Ah deep cycle battery UNIT: PIECE, QUANTITY: 1		
		BENCH POWER SUPPLY, *Hanket *Voltage: 12V Current: 2A-5A Trickle Charge/ Maintenance Mode Overvoltage & Overcurrent Protection Automatic Shutoff" UNIT: UNIT, QUANTITY: 1		
		BUS DRIVER MODULE BOARD, *OEM *Data Rate: Up to 1 Mbps Supply Voltage: 2.7V to 5.5V Operating Temperature: -40C to -85C (Industrial), -40C to +125C (Extended) Interface: SPI Number of Transmit Buffers: 3 Number of Receive Buffers: 2 Acceptance Filters: 6 acceptance filters and 2 acceptance masks Interrupts: Multi-purpose interrupt pin (INT) and dedicated interrupt pins for receive buffers UNIT: PIECE, QUANTITY: 50		
		ELECTRIC COMPONENT SET, *OEM *1490PCS Electrolytic Set Capacitor Ceramic Kit Resistor LED Diode Set Transistor Electronic Components Kit Package Description: This Electronic Components Kit includes 7 kinds 1490pcs electronic components as follows: 100 3mm LED Diodes 100 5mm LED Diodes 600 Resistors 120 Electrolytic Capacitors 300 Ceramic Capacitors 100 Diodes 170 Transistors 30 values 600pcs resistor package: 100Ohm, 220Ohm, 470Ohm, 1000Ohm, 1500Ohm, 2000Ohm, 2200Ohm, 270, 330, 470, 510, 680, 1K, 2K, 2.2K, 3.3K, 4.7K, 5.1K, 6.8K, 10K, 20K, 47K, 51K, 68K, 100K, 220K, 300K, 470K, 680KOhm, 1M 600 1 4W (30-value resistors, approximately 20pcs/ per value) Total 600pcs 12 values 120pcs capacitor (electrolytic capacitor) package: 16V100UF X 10 pcs(5 7) 16V220UF X 10 pcs(6 7) 16V33UF X 10 pcs(4 7) 16V 47UF X 10 pcs(4 7) 25V22UF X 10 pcs(4 7) 25V10UF X 10 pcs(4 7) 25V47UF X 10 pcs(5 7) 50V1UF X 10 pcs(4 7) 50V10UF X 10 pcs(5 7) 50V2.2UF X 10 pcs(4 7) 50V3.3UF X 10 pcs(4 7) 50V4.7UF X 10 pcs(4 7) Each value is 10PCS, for a total of 120PCS. 30 values 300pcs capacitor (ceramic capacitors) package: 2P,3P,5P,10P,15P,22P,30P,33P,47P,68P 75P,82P,101(100P),151,221,331,471(470pf) 102(1nf),152,222,332,472,681,682 103(10nf),153,333,473,683,104(100nf) Each value is 10PCS, for a total of 300PCS. 8 values 100pcs diode packages: 1N4148 25PCS 1N4007 25PCS 1N5819 10PC 1N5399 10PCS FR107 10PCS FR207 10PCS 1N5408 5PCS 1N5822 5PCS In Total :100PCS 17 values 170pcs transistor packages S9012 S9013 S9014 S9015 S9018 A1015 C1815 S8050 S8550 A42 A92 2N5401 2N5551 A733 C945 2N3906 2N3904 Each value is 10PCS, for a total of 170PCS. 5 colors 100pcs 3mm/5mm LED diode White 5mm 20pcs 3V-3.2V 20mA Red 5mm 20pcs 1.8V-2V 20mA Green 5mm 20pcs 1.8V-2V 20mA Yellow 5mm 20pcs 2V-2.3V 20mA Blue 5mm 20pcs 3 V-3.2V 20mA White 3mm 20pcs 3V-3.2V 20mA Red 3mm 20pcs 1.8V-2V 20mA Green 3mm 20pcs 1.8V-2V 20mA Yellow 3mm 20pcs 2V-2.3V 20mA Blue 3mm 20pcs 3 V-3.2V 20mA 20PCS per color, in total :100PCS Package include: 1 box Electronic Components Kit UNIT: SET, QUANTITY: 5		

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Vice President for Administration and Finance

AUG 17 2026

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Authorized Signature:

REDACTED

CARAGA STATE UNIVERSITY
Ampayon, Butuan City

Project Reference Number : 13076339

Name of Project: Provision for Research
and Exploration (Electronic Supplies) for
the Operation of the Office of Research,
Development, Innovation and Extension.

Location of Project: Caraga State University



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QTY	Unit	Description	BID PRICE	TOTAL PRICE
		ESP32-CAM, *OEM *Working voltage: DC 5V SPI Flash: Default 32Mbit RAM: Internal 520KB + External 4MPSRAM Bluetooth: Bluetooth 4.2 BR/EDR and BLE standards UNIT: PIECE, QUANTITY: 4		
		HEAT SHRINKABLE TUBE, *OEM *Descriptions: Brand new and high quality Big collection of heat shrink tubing, 8 Specifications, 5 colors. Supplied internal diameter: 1.5mm, 2mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm Fully shrunk internal diameter: 0.75mm, 1mm, 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm Color: Black, Yellow, Green, Red, Blue Specifications: 8 Quantity: 1 Pack (530pcs) Specifications: Material: Polyolefin Shrinkage Ratio: 2:1 (will maximum shrink to 1/2 its supplied diameter) Minimum Shrinkage Temp: "e84C Full Shrinkage Temp: "e120 Operating Temperature: -55C to +125C Tensile strength: 10.4 Mpa Dielectric strength: 15 KV/mm Manufacture specification: ISO9001 Flammability: Flame Retardant Approvals: UL Approved Supplied format (round or flat): Product is supplied flat Cutting method: Scissors or sharp knife Package Includes: (Quantity+Diameter+Length+Color) 80pcs x 1.5 x 45mm Yellow 80pcs x 2.0 x 45mm Blue 80pcs x 2.0 x 45mm Black 60pcs x 3.0 x 45mm Green 50pcs x 4.0 x 45mm Red 50pcs x 4.0 x 45mm Black 30pcs x 5.0 x 45mm Black 20pcs x 6.0 x 45mm Yellow 20pcs x 8.0 x 45mm Red 20pcs x 10.0 x 45mm Green 20pcs x 10.0 x 45mm Blue 20pcs x 10.0 x 45mm Black UNIT: BOX, QUANTITY: 4		
		LOGIC LEVEL SHIFTER, *OEM *Bi-directional: Supports signal conversion in both directions (low to high voltage and high to low voltage). Four Channels: Typically offers four independent channels for simultaneous conversion of multiple signals. Voltage Compatibility: Common voltage ranges include 5V, 3.3V, 2.8V, and 1.8V. Interfaces: Suitable for use with I2C, SPI, UART, and other digital interfaces. Compact Size: Designed to be small and breadboard-friendly for easy integration into projects. Simple Power Connections: Typically requires connecting high voltage (HV), low voltage (LV), and ground (GND). Applications: Used in various applications including embedded systems, IoT devices, and communication between microcontrollers and sensors. UNIT: PIECE, QUANTITY: 20		
		MICRO CONTROLLER, *Raspberry Pi 4B 4G *CPU: Quad-core 2.4GHz Cortex-A53; RAM: 4/8GB LPDDR3; Connectivity: Wi-Fi, Bluetooth, Ethernet; Power Supply: 5V DC, 2.5A via micro-USB UNIT: PIECE, QUANTITY: 5		
		MICROCONTROLLER, *Raspberry Pi 4 *Module B 8G *Starter Bundle *1. Broadcom BCM2711, Quad core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz 2. 2GB, 4GB or 8GB LPDDR4-2400 SDRAM (depending on model) 3. 2.4 GHz and 5.0 GHz IEEE 802.11ac wireless, Bluetooth-compatible 5.0, BLE 4.0, Gigabit Ethernet 5. 2 USB 3.0 ports; 2 USB 2.0 ports. 6. Raspberry Pi standard 40 pin GPIO header (fully backwards compatible with previous		

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		boards) 7. 2 x micro HDMI-compatible ports (up to 4kp60 supported) 8. 2-lane MIPI DSI display port 9. 2-lane MIPI CSI camera port 10. 4-pole stereo audio and composite video port 11. H.265 (4kp60 decode), H264 (1080p60 decode, 1080p30 encode) 12. OpenGL ES 3.0 graphics 13. Fit for memory card slot for loading operating system and data storage 14. 5V DC via USB-C connector (minimum 3A) 15. 5V DC via GPIO header (minimum 3A) 16. Power over Ethernet (PoE) enabled (requires separate PoE HAT) 17. Operating temperature: 0 - 50 degrees C ambient ABS Case Aluminum Heatsink 5V 3A Power Supply 1. Input : 100 V ~ 240 V 50/60hz .AC 2. Output : 5V 3A .DC 3. With switch button (press it to open , press again to stop) 4. Plug : US , EU , UK , AU (as the picture show) 5. Use for : Raspberry Pi 4 Model B 6. Charging Port : USB type C 7. Cable length : 1M approx 8. Weight: 90g approx window.adminAccountId=221224290; High-concerned Chemical: None Interface: TF Card Support.hdmi-compatible/rear Output Processor Brand: BroadcomBundle: 32g Us 32g Uk 32g Eu 32g Au Color: 8gb Ram 4gb Ram UNIT: UNIT. QUANTITY: 2 POWER INVERTER. 3kW pure sine wave inverter (DC to AC), Solar system UNIT: UNIT. QUANTITY: 1 RS485 TO TTL. *OEM *Highlights: (1)patible with 3.3V and 5.0V power supply. (2)patible with 3.3V and 5.0V signal. (3) Absolute using imported chips, industrial design, anti-interference ability, while using more effective mine design can be used in the industrial field and harsh field environments, the working temperature of -40 ℃ to + 85 ℃ transmission distance up to 1 kilometer (made with 850 meters of cable F1.5 tests rmended in the 800 meters, more than 800 m, please add repeaters). (4) Semi-hole pads, onboard module, thin PCB, having a thickness of 0.8mm. (5) Has RXD, TXD signal indicator light, monitor send and receive status. Features: (1) The module is fully considered mine design, long-distance transmission signal 485 in the wild, the module Connected to the ground terminal is connected to the , can play a very good anti-jamming and anti-lightning effect, more secure; it can not connect with the ground when the indoor short-distance transmission. (2) Using the standard 2.54 pitch design, easy secondary development. (3) Has a 120 ohm termination resistors, shorted R0to enable the termination resistor. (4) Support multi-machinemunication, allowing access at up to 128 devices on the bus (5) The module can be hot swapped, the signal does not appear dead phenomenon. (6) A large area of copper to prevent interference. Package Included: 1 x UART Serial Port to RS485 Converter Function Module RS485 to TTL Stable Module Note: Due to the difference between different monitors, the picture may not reflect the actual color of the item. UNIT: PIECE, QUANTITY: 20 SOLDERING LEAD. *OEM *wire dia. 1.0mm, net weight:50g, 60-40 solder core wire ,flux 2.0% UNIT: ROLL, QUANTITY: 5		

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QTY	Unit	Description	BID PRICE	TOTAL PRICE
		SOLDERING PASTE, *OEM *Material: Rosin Net weight: 80G 150G UNIT: PIECE, QUANTITY: 4		
		SOUND SENSOR, *OEM *Sound Detection Sensor Module, Size:32mmX 17mm X 8mm(lengthX width X height), Main chip:LM393, Electret condenser microphone, Working voltage: DC 4-6V" UNIT: PIECE, QUANTITY: 5		
		SWITCHING POWER SUPPLY, *OEM *12V, 4A UNIT: PIECE, QUANTITY: 10		
		VIBRATION SENSOR, *OEM *Voltage: DC 5V, Size: 20mm X 32mmX 11mm UNIT: PIECE, QUANTITY: 5		
		VOLTAGE SENSOR, *OEM *Key Features: Type: Single-phase active output AC voltage sensor module, Voltage Measurement: Measures AC voltage, typically up to 250V. Signal Output: Provides an analog voltage output proportional to the input AC voltage. Precision: Features a high-precision miniature voltage transformer and an operational amplifier circuit for accurate signal measurement. Applications: Widely used in energy monitoring, industrial control systems, and home automation. Technical Specifications: Input Voltage Range: 0-250V AC. Output Voltage Range: 0-5V DC (proportional to input AC voltage). Rated Input Current: 2mA. Rated Output Current: 2mA. Change Ratio: 1000:1000. Linear Range: 0-1000V and 0-10mA. Linearity: 0.2%. Isolation Withstand Voltage: 4000V. Operating Temperature: -40C to +70C. Supply Voltage: 5-30V DC. Dimensions: Typically 49.5mm x 19.4mm. Weight: Around 21 gm. Pinout: VCC: Module power supply (5V). OUT: Module output (analog). GND: Ground. " UNIT: PIECE, QUANTITY: 15		

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TOTAL AMOUNT:

199,860.00

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