



ADDENDUM NO. 01

Series of 2024

This Addendum No. 01 is issued to modify or amend items in the Bidding Documents for the **Procurement of materials for RF Paging System**. This shall form an integral part of the Bid Documents.

Name of Project:	Procurement of materials for RF Paging System
Location:	CSU Campus, Ampayon, Butuan City
Brief Description:	Supply and Delivery of
Approved Budget for the Contract:	Php. 2,000,000.00
Source of Funds:	RAF- Higher Education – CO – 2024
Contract Duration:	60 Calendar Days
Procurement Scheme:	By Lot

Please be informed of the changes in the Bidding Documents as follows:

CHANGES/AMENDMENTS	
FROM	TO
60 Calendar days	75 Calendar days
Ceiling Mount Wireless PA Speaker Set Controller Power: 12V DC / up to 5A Active, 50mA in Standby Mode Operating Temperature: 0° – 120°F Humidity: 0% – 95%, Non-Condensing Audio: 50W Peak Output for 4-16 Ohms Speaker Connectors: Terminal Block Plugs Controlled Output Power: 12V DC, 1A Max Programming: USB Port Transmit Format: POCSAG 512/1200 BPS Frequency Response: 50 Hz – 16 KHz (10 Hz – 3400 Hz in Live Voice Mode) Frequency: VHF (148 – 174 MHz), UHF (400 – 470 MHz) Activation Codes: 8 Warranty: One Year Warranty Unit: Set Quantity: 21	Ceiling Mount Wireless PA Speaker Set Controller Power: 12V DC / up to 5A Active, 50mA in Standby Mode Operating Temperature: 0° – 120°F Humidity: 0% – 95%, Non-Condensing Audio: 50W Peak Output for 4-16 Ohms Speaker Connectors: Terminal Block Plugs Controlled Output Power: 12V DC, 1A Max Programming: USB Port Transmit Format: POCSAG 512/1200 BPS Frequency Response: 50 Hz – 16 KHz (10 Hz – 3400 Hz in Live Voice Mode) Frequency: VHF (148 – 174 MHz), UHF (400 – 470 MHz) Activation Codes: 8 Warranty: One Year Warranty and Free of Service Fees Unit: Set Quantity: 21
Wireless Outdoor Horn Speaker Set Frequency Band: UHF 402-470 MHz Power: 12V DC, POE option, Solar powered option Transmit Format: POCSAG 512, 1200 BPS Operating Conditions: Temperature -50-1300, Humidity 20-95% RH Audio Output: 50W Peak output for 4-16 Ohms speaker Sound Level: 113 dB at 1m Speaker Cable: 20 Gauge, 3' Supplied; 150' Extension Mounting: Wall or Ceiling, Swivel mounting bracket IP Rating (Speaker): IP65 Warranty: One Year Warranty Impedance 8 Ohms Frequency Response 250 Hz - 13 KHz Unit: Set Quantity: 13	Wireless Outdoor Horn Speaker Set Frequency Band: UHF 402-470 MHz Power: 12V DC, POE option, Solar powered option Transmit Format: POCSAG 512, 1200 BPS Operating Conditions: Temperature -50-1300, Humidity 20-95% RH Audio Output: 50W Peak output for 4-16 Ohms speaker Sound Level: 113 dB at 1m Speaker Cable: 20 Gauge, 3' Supplied; 150' Extension Mounting: Wall or Ceiling, Swivel mounting bracket IP Rating (Speaker): IP65 Warranty: One Year Warranty and Free of Service Fees Impedance 8 Ohms Frequency Response 250 Hz - 13 KHz Unit: Set Quantity: 13

Contact No.: 09177078764; 09177078713; 09177078769

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Republic of the Philippines
CARAGA STATE UNIVERSITY

Ampayon, Butuan City 8600, Philippines

Competence Service Uprightness

BIDS AND AWARDS COMMITTEE



Wireless Paging Base Station

Power 12V DC / 3A (Using 100-240V AC)
Operating Temperature: 32° – 104°F
Humidity: 10% – 65%
Certifications & Approvals: FCC part 90, UL/CSA Listing (Power Supply)
RS232 Protocols: TAP, Comp1 and Comp2
Serial Ports: Up to 4
Paging Format: POCSAG, 2-Tone
Phone Line Type: Line Level (End to End Station Level), DTMF
Phone Line Impedance: 600 Nominal (Off-Hook)
Range: 1000ft
RF Power: 6 W
Paging Format: POCSAG, 512, 1200 or 2400 BPS
Channel Spacing: 12.5 KHz - Narrow Band
RF Connectors: BNC TX antenna, SMA RX antenna, SMA LTE/GPS antenna, SMA WiFi antenna
Data Interface: RJ-45 serial port, Type-B USB port, RJ-45 external TX port, RJ-45 alarm inputs (7) port
Audio Interface: In & Out RCA audio ports, RJ-9 handset/microphone port, RJ-11 phone interface
Warranty: One Year Warranty
With Telephone Line Interface upgrade
With included connectors and peripherals
Unit: Unit Quantity: 1

High Power Paging Transmitter and Antenna

Power: 90-240V AC 50/60Hz
Operating Temperature: 10° – 140°F
Output Power: 36 dBm
RF Connector: Type N Jack (Complementary BNC Female to N Male Adapter Provided if Required)
Receiver Sensitivity: <110dBm
Selectivity: 50dB
Input / Output Impedance: 50 Ohm
Modulation: FM
Frequency Range UHF: (410 – 470 MHz)
Channel Spacing: 12.5 KHz – Narrow Band
Stability: ± 2.5 ppm
Data Format: Digital 512-2400 BPS Analog – 100Hz – 3.6KHz
Enclosure: Durable Metal Case with LED power, PTT and Data Indicators
Warranty: One Year Parts and Labor
With included connectors and peripherals
Unit: Unit Quantity: 1

Wireless Paging Controller

Power: 12V DC / up to 5A Active, 50mA in Standby Mode
Operating Temperature: 0° – 120°F
Humidity: 0% – 95%, Non-Condensing
Audio: 50W Peak Output for 4-16 Ohms Speaker
Frequency Response: 50 Hz – 16 KHz (10 Hz – 3400 Hz in Live Voice Mode)

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With Telephone Line Interface upgrade
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Operating Temperature: 10° – 140°F
Output Power: 36 dBm
RF Connector: Type N Jack (Complementary BNC Female to N Male Adapter Provided if Required)
Receiver Sensitivity: <110dBm
Selectivity: 50dB
Input / Output Impedance: 50 Ohm
Modulation: FM
Frequency Range UHF: (410 – 470 MHz)
Channel Spacing: 12.5 KHz – Narrow Band
Stability: ± 2.5 ppm
Data Format: Digital 512-2400 BPS Analog – 100Hz – 3.6KHz
Enclosure: Durable Metal Case with LED power, PTT and Data Indicators
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Wireless Paging Controller

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Operating Temperature: 0° – 120°F
Humidity: 0% – 95%, Non-Condensing
Audio: 50W Peak Output for 4-16 Ohms Speaker
Frequency Response: 50 Hz – 16 KHz (10 Hz – 3400 Hz in Live Voice Mode)

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Connectors: Terminal Block Plugs DC Voltage Output: 12V DC, 1A Max Programming: USB Port Activation Codes: 8 Paging Format: POCSAG 512/1200 BPS Frequency: UHF (420 – 470 MHz) Warranty: One Year Parts and Labor With included connectors and peripherals Unit: Set Quantity: 34	Connectors: Terminal Block Plugs DC Voltage Output: 12V DC, 1A Max Programming: USB Port Activation Codes: 8 Paging Format: POCSAG 512/1200 BPS Frequency: UHF (420 – 470 MHz) Warranty: One Year Warranty and Free of Service Fees With included connectors and peripherals Unit: Set Quantity: 34
xxxxx Nothing Follows xxxxxx	

For information and guidance to all concerned.

SIGNATURE REDACTED

MICHELLE M. JAPITANA D. Eng.
Chairperson, Bids and Awards Committee

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