



Republic of the Philippines
WESTERN MINDANAO STATE UNIVERSITY
 Normal Road, Baliwasan, Zamboanga City 7000



INVITATION TO BID

The Western Mindanao State University, through its Bids and Awards Committee (BAC), is inviting PhilGEPS registered suppliers to apply for eligibility and to submit bids for the item mentioned hereunder:

Name of Project: **ADOPTION OF DIGITAL LEARNING PLATFORM THROUGH ICT MODERNIZATION (COMMAND CENTER)**

Approved Budget Cost: **Php 19,029,817.52**

Purchase Request No.: **PR 26-02-076**

Closing Date: **September 8, 2026 @ 9:30 AM**

Delivery Period: **Forty-Five (45) Calendar Days**

Bid Docs: **Php 25,000.00**

1.) One (1) LOT of COMMAND CENTER

A. Six (6) units DESKTOP COMPUTER

Specifications:

- . Processor: at least 12M Cache, 6-core / 12-thread processor (or higher)
- . Motherboard: High-performance , Highly rated (branded) compatible motherboard
- . Memory: at least 16GB DDR4 (expandable to 32GB)
- . Graphics: Integrated or dedicated GPU supporting 4K display/ dual display output
- . Storage: At least 512 GB NVMe SSD (With expansion slot for additional storage)
- . Display: 27" - 32" IPS LED Monitor (Full HD (1920x1080) or higher)
- . Connectivity: WiFi 6 capable, Bluetooth 5.0 or higher, Gigabit Ethernet, Thunderbolt (optional), HDMI
- . I/O Ports: Minimum 4 USB ports (mix of USB 2.0 and 3.x), Audio Jacks, VGA(optional), DisplayPort, HDMI and LAN
- . Accessories: Combo USB keyboard and mouse with pad, speaker
- . Installed latest Licensed and activated Proprietary OS Pro Version 64-bit
- . Installed and activated Proprietary Office Applications
- . Warranty: Minimum three (3)-year onsite manufacturer's warranty

B. Six (6) units UNINTERRUPTIBLE POWER SUPPLY

Specifications:

- . Capacity: at least 1,200?VA / 650?W
- . Topology: Line-interactive with Automatic Voltage Regulation (AVR)
- . Output Waveform: Pure sine wave
- . Runtime: Minimum 5 minutes at 50% load
- . Input Voltage Range: Minimum 140-300?VAC
- . Transfer Time: Maximum 10 milliseconds
- . Protection: - Surge protection: minimum 300 Joules - Overload protection - Short-circuit protection - Overvoltage and undervoltage protection - Automatic restart when utility power returns
- . Interface: LED status indicators (On-line / On-battery / Fault), Audible alarm for power events, USB
- . Output Outlets: Minimum 4 universal outlets and 1 IEC outlet
- . Certifications: CE, CB, RoHS, IEC 62040 standards, ISO 9001

C. Six (6) Licences OFFICE PRODUCTIVITY SOFTWARE

Specifications

- . The software suite must include:
 - . Word Processing application
 - . Spreadsheet application
 - . Presentation application
 - . Email and Calendar management
 - . Cloud file storage and sharing
- . Supports: Creation, editing, and sharing of documents, Export to PDF
- . Compatible with Windows 10/11, macOS (latest versions)



. License Type:

- Volume license for institutional use - Institution-owned account under official university domain
- Minimum one (1) year subscription included
- . Device Access: Supports PC, laptop, tablet, and mobile access
- . Cloud Storage: Minimum 1TB cloud storage per licensed user (or institutional allocation)
- . File synchronization across devices
- . Version history and file recovery capability
- . Centralized administrative console
- . Installation: Local install and/or web-based (browser access)
- . Warranty: include software updates and security patches and technical support for the duration of subscription

D. Six (6) Licences Endpoint Detection Software

Specifications

- . Real-time malware protection
- . Behavior-based threat detection
- . Ransomware detection and rollback
- . On-demand and scheduled scanning
- . Automatic scanning of external devices

Security Features:

- . Endpoint isolation
- . Remote remediation
- . Email and web protection
- . Tamper protection

Management:

- . Centralized web console
- . Role-based access control
- . Threat reporting and logging

Compatibility:

- . Windows 10/11
- . macOS

License: 3-year subscription

E. Six (6) COMMAND CENTER DISPLAY

Commercial-grade digital signage display suitable for command center multi-display applications.

Specifications:

- . Screen Size: Minimum 55 inches
- . Display Resolution: 4K Ultra HD (3840 x 2160)
- . Panel Type: LED or equivalent commercial-grade panel
- . Brightness: Minimum 400 nits
- . Duty Cycle: Minimum 16/7 operation rating (24/7 preferred)
- . Refresh Rate: Minimum 60Hz
- . Connectivity: - Minimum 3 HDMI ports (HDMI 2.0 or higher) - Minimum 2 USB ports - Ethernet port - Audio output (optical or 3.5mm)
- . Display Features: - Anti-glare panel - Wide viewing angle (minimum 178°)
- Screen mirroring capability - Compatible with external video wall controllers or equivalent multi-display management systems - Slim bezel design suitable for multi-display installations - VESA (Video Electronics Standards Association) wall-mount compatible
- . Inclusions: - Remote control with batteries - Power cable - Heavy-duty wall-mount bracket - With one (1) central video switcher (8 ports)
- . Warranty: Minimum 3-year warranty

F. Six (6) sets WORKSTATION TABLES AND CHAIRS

WORKSTATION TABLE - Melamine Board Top (Laminated) approx.1500mm-1600mm wide - Built-in cable grommets - Under-desk cable tray - Rear modesty panel - Heavy Duty Cold Rolled Steel Frame - Side Drawers with Centralized Lock - Scratched Resistance

ERGONOMIC OFFICE CHAIR - High-back ergonomic design - Adjustable lumbar support - Adjustable set height and armrests - Tilt-lock recline mechanism - Breathable mesh backrest - 360° swivel and caster wheels



G. TWO (2) UNITS COOLING EQUIPMENT

3 Tonner Air Conditioning Unit
Floor Mounted, Split-Type Inverter
R32 Refrigerant
230 V, 60Hz, Single Phase

* Supply, Delivery, Installation and Commissioning with complete accessories that includes electrical items in NEMA 3R enclosure.

H. One (1) unit ENTERPRISE WI-FI ACCESS POINT (HIGH-DENSITY - 4x4 MIMO)

Specifications:

WIRELESS STANDARDS

- . Support IEEE 802.11ax (Wi-Fi 6) or higher
- . Backward compatible with 802.11a/b/g/n/ac
- . Dual-band operation (2.4 GHz and 5 GHz)

RADIO AND PERFORMANCE

- . Minimum 4x4 MIMO on 5 GHz radio
- . Minimum 4x4 MIMO on 2.4 GHz radio (2x2 minimum acceptable if 5 GHz is 4x4)
- . Support for OFDMA
- . Support for MU-MIMO
- . Minimum aggregate wireless throughput: 2.9 Gbps
- . Support for 80 MHz channel width (160 MHz preferred)
- . Airtime fairness capability
- . Client steering and band steering support

CLIENT CAPACITY

- . Support minimum 512 associated client devices (combined radios)
- . Designed for high client-density environments

ANTENNA

- . Integrated omnidirectional antennas
- . Suitable for ceiling-mounted indoor installation

NETWORK INTERFACE

- . Minimum one (1) 2.5 Gigabit Ethernet port (2.5GBASE-T)
or Dual 10/100/1000 Mbps Ethernet ports with link aggregation support
- . Auto-sensing link speed
- . Support IEEE 802.3at PoE+ (minimum)
- . IEEE 802.3bt PoE++ preferred

SECURITY FEATURES

- . Support WPA3 Enterprise
- . Support WPA2 Enterprise
- . 802.1X authentication support
- . VLAN tagging (802.1Q)
- . Rogue access point detection capability
- . Wireless intrusion detection or prevention capability (preferred)

MANAGEMENT

- . Centralized cloud-based or controller-based management
- . Web-based management interface
- . Remote monitoring and configuration
- . Firmware upgrade capability
- . Real-time monitoring and reporting

POWER REQUIREMENTS

- . Powered via IEEE 802.3at PoE+ or higher

WARRANTY AND SUPPORT

- . Minimum three (3) year manufacturer warranty



- . Three (3) year cloud/controller subscription included (if cloud-managed)
- . Technical support during warranty/subscription period

I. One (1) unit 12-PORTS ACCESS POE SWITCH

Specifications:

PORT CONFIGURATION

- . Minimum twelve (12) 10/100/1000BASE-T PoE+ ports
- . Minimum two (2) 1/10G SFP+ uplink ports
- . At least one (1) 2.5GBASE-T Multi-Gig Ethernet port (802.3bz compliant)
- OR all PoE ports must support 1G/2.5G auto-negotiation

SWITCHING PERFORMANCE

- . Switching capacity: Minimum 56 Gbps
- . Forwarding rate: Minimum 40 Mpps
- . Support jumbo frames (minimum 9K bytes)

LAYER 2 FEATURES

- . IEEE 802.1Q VLAN support
- . Rapid Spanning Tree Protocol (RSTP)
- . Multiple Spanning Tree Protocol (MSTP)
- . Link Aggregation (IEEE 802.3ad LACP)
- . Port mirroring
- . IGMP Snooping

BASIC LAYER 3 FEATURES

- . Static routing (IPv4)
- . Inter-VLAN routing capability

QUALITY OF SERVICE (QoS)

- . IEEE 802.1p prioritization
- . DSCP support
- . Per-port rate limiting
- . Multiple hardware queues

SECURITY FEATURES

- . 802.1X port-based authentication
- . RADIUS authentication support
- . Access Control Lists (IPv4/IPv6)
- . SSH v2
- . SNMP v3
- . DHCP Snooping
- . Dynamic ARP Inspection

MANAGEMENT

- . Web-based GUI
- . CLI management
- . SNMP v2c/v3
- . Syslog support
- . NTP support
- . Firmware upgrade capability

WARRANTY

- . Minimum three (3) year manufacturer warranty
- . Technical support during warranty period

J. PROJECT MANAGEMENT

Project Management Services include:

- . Project initiation and planning
- . Detailed engineering design preparation



- . Project scheduling and milestone monitoring
- . Resource coordination and supervision
- . Risk management and mitigation planning
- . Quality assurance oversight
- . Stakeholder coordination meetings
- . Weekly and monthly progress reporting
- . Project documentation management
- . Final project completion reporting

K. INSTALLATION & CONFIGURATION

Includes:

Command Center Room Infrastructure

- . Electrical power distribution setup
- . UPS power distribution and integration
- . Structured network cabling installation
- . Network rack installation
- . Cable tray installation
- . Display wall mounting system

Equipment Installation

- . Desktop workstation setup
- . Network switch configuration
- . Wi-Fi access point installation
- . UPS installation
- . Display installation

System Configuration

- . VLAN configuration
- . Network segmentation
- . Security hardening
- . Endpoint protection deployment

L. DEPLOYMENT & IMPLEMENTATION

Includes:

- . Command center dashboard configuration
- . Network monitoring setup
- . Security monitoring integration
- . System integration with campus ICT platforms
- . User account configuration
- . Operational procedures setup
- . 1 set 8U Rack Mount Cabinet with Glass Door
- . Cables and Misc.
- . Electrical Wires & Misc.
- . System Integration to Datacenter & Network Security System, CCTV and IP Phones and Access Point

Testing:

- . System functionality testing
- . Network performance testing
- . Security validation
- . User acceptance testing

Training:

- . Conduct administrator and operator training for the Command Center systems.
- . Provide training materials, user manuals, and configuration documentation.
- . Training shall cover: - Monitoring dashboards - Network monitoring tools - Security monitoring systems - Display wall management - Command center operational procedures.

Deliverables:

- . Detailed engineering design documents
- . Network architecture diagram



- . Equipment configuration documentation
- . As-built infrastructure drawings
- . Training materials
- . System operation manuals
- . Final project completion report

M. ROOM CONVERSION AND FIT-OUT

The Service Provider shall:

- . Convert the designated area into a functional Command Center, including interior construction/renovation, cable raceways, structured cabling, electrical power distribution, UPS integration, grounding, surge protection, and environmental considerations (cooling, lighting, and acoustics).
- . Provide protected power distribution for workstation computers, displays, network equipment, and supporting ICT devices through the installed electrical and UPS infrastructure, as applicable.
- . Supply and install monitoring video walls, operator consoles, racks/cabinets, and related furniture and mounting systems as specified.
- . Ensure compliance with applicable building, electrical, fire safety, accessibility, and occupational safety standards.
- . Prepare as-built plans (architectural, electrical, low-voltage, mechanical if applicable) and inventory of installed materials and equipment include floor carpet

The Smart Campus Command Center shall serve as the centralized operational hub for monitoring and coordination of:

- . Campus ICT infrastructure
- . Network performance and cybersecurity
- . CCTV and physical security systems
- . Digital learning platforms
- . Data-driven dashboards for administration

The project includes:

- . Enterprise-grade ICT infrastructure
- . Structured and segmented network architecture
- . High-availability wireless deployment
- . Display wall monitoring system
- . Power redundancy and environmental control
- . Cybersecurity hardening
- . Integration with campus systems
- . Training and knowledge transfer

The service components cover engineering design, room fit-out, infrastructure works, configuration, installation, commissioning, integration, testing, and deployment of the command center facility.

Delivery Schedule

- . Delivery, installation, configuration, testing, commissioning, and deployment of the Command Center shall be completed within the contract implementation period specified in the Schedule of

Requirements.

- . The winning bidder shall submit a detailed project implementation plan and timeline within fifteen (15) calendar days after contract award.

SERVICE LEVEL AGREEMENT (SLA)

1. Service Levels and Support

- . Define severity levels (Critical, High, Medium, Low) and response and resolution times for each severity.
- . Require 24x7 support for critical incidents affecting Command Center operations, with clear escalation paths up to vendor principal if needed.
- . Require remote support capability and onsite support for specified incident categories and preventive maintenance.



. Require monitoring of license status, support contracts, and warranty coverage, with proactive renewal at least 60 days .

2. Training and Knowledge Transfer

. Provide administrator and operator training on all new software, dashboards, and room systems,

with training materials and assessments.

. Conduct refresher or advanced sessions annually or when major system upgrades occur during the

3-year period.

. Turn over complete configuration and operations documentation to ensure the client can continue

operations after contract end.

3. Testing and Acceptance

Before final acceptance, the supplier shall conduct:

. Equipment functionality testing

. Network connectivity testing

. Monitoring system validation

. LED wall performance verification

. Security configuration validation

. User acceptance testing (UAT)

Final acceptance shall only be issued upon successful completion of all tests.

4. Ownership, Licensing, and Turnover

. All perpetual and term-based licenses shall be registered under the Client's name; configuration

files, scripts, and documentation are owned by the Client.

. At contract completion or termination, the Service Provider shall turn over all credentials, configuration backups, documentation, and any data necessary for continued operations.

. No component of the solution shall cease functioning due solely to license or subscription lapses

caused by failure of the Service Provider to renew in accordance with the contract.

5. Vendor Qualifications

. At least three (3) years of experience in delivery, installation, configuration, and management of

similar ICT systems (Command Centers, data centers, NOC/SOC, or monitoring solutions).

. Demonstrated capacity to support multi-year maintenance contracts with references from comparable projects.

6. Scope of Work for Monitoring

The Command Center shall:

. Monitor the health, performance, and availability of all production virtualized servers (CPU, memory, storage, services).

. Monitor network security devices and systems (firewalls, IDS/IPS, endpoint security, VPN gateways,

web filters, and security logs) for anomalies and incidents.

. Monitor CCTV NVRs, IP cameras, storage capacity, recording status, and video retention compliance.

. Monitor the digital/IP phone system (call server, SIP trunks, registration status, call quality indicators, IVR/ACD queues as applicable).

. Monitor Ubiquiti/UniFi portals and controllers, including access points, switches, gateways, site

status, throughput, and connected clients.

7. Command Center Functions

7.1 Monitoring and Alerting

. Configure and maintain centralized monitoring tools for virtualized servers, network devices, CCTV NVRs, digital phones, and UniFi infrastructure.

. Set and regularly review alert thresholds (performance, capacity, security events) and ensure alerts are delivered via email, SMS, and dashboards.

. Maintain real-time wallboard displays for key metrics (uptime, utilization, incidents, site status).

7.2 Incident Management

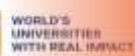
. Log all incidents and events in an Incident/Service Desk system with timestamps, impact, and resolution details.

8. Warranty Requirement

. All equipment supplied under this project shall be brand new, unused, and of current production models.



Republic of the Philippines
WESTERN MINDANAO STATE UNIVERSITY
Normal Road, Baliwasan, Zamboanga City 7000



- . All equipment shall be covered by manufacturer warranty.
- . Warranty period shall be not less than three (3) years for ICT equipment, unless otherwise specified.
- . The supplier shall repair or replace defective equipment without additional cost to the university during the warranty period.

ABC:Php 19,029,817.52

The criteria to be used for the eligibility check of the prospective bidders, examination and evaluation of bids, post qualification and all matters relevant to this procurement shall be in accordance with Republic Act No. 12009 (New Government Procurement Act) and its Implementing Rules and Regulations.

Interested bidders may obtain further information from WMSU BAC Secretariat regarding the checklist of eligibility and technical requirements (Philippine Bidding Documents (PBDs) and Eligibility Checklist can be downloaded in the associated components of this Invitation to Bid).

IMPORTANT NOTICE FOR BIDDERS:

1. Bidding papers may be acquired starting August 15 to September 8, 2026, Monday to Friday, 8:00 AM to 5:00 PM from the BAC Office or download from agency website (www.wmsu.edu.ph) and PhilGEPS website. The WESTERN MINDANAO STATE UNIVERSITY shall allow the bidder to present its proof of payment for the Bidding Documents fees before the submission of their bids, pursuant to the latest Guidelines issued by the GPPB, in the amount of Twenty-Twenty-Five Thousand Pesos (Php.25,000.00). (Please attached the machine copy of the Official Receipt)
2. All bidders are required to post a Bid Security, at least Two (2%) Percent of the ABC in the form of Cash, Cashier's Check or Manager's Check or may submit Bid Securing Declaration. Bids without Bid Security will not be considered.
3. The Bidder shall prepare an original of the Eligibility Documents & Technical Components and original of Financial Proposal and clearly mark each "ORIGINAL – ELIGIBILITY DOCUMENTS and TECHNICAL COMPONENTS", and "ORIGINAL – FINANCIAL PROPOSAL", respectively. Bidders shall submit one (1) set of the first and second components of its bid. State the unit price of each item and the total bid price and also state the shortest time of delivery and submit your proposal duly signed by your representative in a sealed envelope. Failure to submit any of the eligibility documents, technical components and financial proposal during bid opening will result in disqualification.
4. Pre-Bid Conference : August 25, 2026 @ 9:30 A.M. @ Procurement Conference Office, Ground Floor
Admin Building, WMSU, Z.C.
5. Bid Submission will be on or before September 8, 2026 @ 9:30 AM. through Manual Submission.
6. Bid opening shall be on September 8, 2026 @ 9:30 AM. at Procurement Office, Ground Floor Administration Building, WMSU, Zamboanga City, Philippines, 7000. Bids will be opened in the presence of the Bidders representatives who choose to attend at the address above. Late bids shall not be accepted.
7. The contract will be awarded to the bidder who submits the Lowest Calculated Responsive Bid (LCRB).
8. Price validity shall be for a period of 120 calendar days.
9. Bidders shall submit original brochures showing certifications of the product being offered.
10. Bidders shall break down and itemize the cost of every specific component included in a grouped lot rather than writing only a single total price.
11. Warranty shall be for a period of Six (6) months for supplies and materials. One (1) year for equipment, from date of acceptance by WESTERN MINDANAO STATE UNIVERSITY.



Republic of the Philippines
WESTERN MINDANAO STATE UNIVERSITY
Normal Road, Baliwasan, Zamboanga City 7000



12. Bids received in excess of the ABC shall be automatically rejected at Bid Opening.

The WESTERN MINDANAO STATE UNIVERSITY reserves the right to reject any or all Bids pursuant to Section 64 and 70 of RA12009 and to accept the bid most advantageous to the government, and to award the contract by lot, if warranted.