



## 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 (MOBILE INTERNET USING SATELLITE)**

Approved Budget Cost: **PHP 20,740,000.00**

Purchase Request No.: **PR 26-02-065 B**

Closing Date: **May 5, 2026 9:30 AM**

*1.) One (1) lot of ADOPTION OF DIGITAL LEARNING PLATFORM THROUGH ICT MODERNIZATION*

*A.) MOBILE INTERNET USING SATELLITE*

*A.1 MOBILE INTERNET ENTERPRISE - Php. 1,200,00.00*

*15 sets*

*Php.80,000.00 PER SET*

*Specifications:*

*.Internet Speed: up to 200+ Mbps (Download), with varying upload speeds (~20-40 Mbps)*

*.Technology: Low Earth Orbit (LEO) satellite-based internet service*

*.Latency: ~20-40 ms*

*.Mobile Internet Device Set:*

*-Satellite Type: Low Earth Orbit (LEO) satellites*

*-Orbit Altitude: approximately 550 km (340 miles) above Earth*

*-Number of Satellites:*

*oLaunched (as of early 2024): Over 5,000 satellites*

*oFuture Goal: Expanding to 12,000+ satellites*

*.Satellite Dish Types:*

*-Standard Dish (Gen 2) - (IP54)*

*-High-Performance Dish- (IP56)*

*.Connectivity:*

*-Router Technology: Wi-Fi 5 (802.11ac)*

*-Dual-Band Support: 2.4GHz & 5GHz*

*A.2 Mobile Internet Enterprise - Php.3,600,000.00*

*15 Subscriptions*

*Php.240,000.00 PER SUBSCRIPTION*

*1-Year Subscription Plan*

*Specifications:*

*.Duration: 1 Year (12 Months)*

*.Download Speed: up to 200 Mbps*

*.Upload Speed: 20-40 Mbps*

*.Throughput Guarantee: 80% minimum sustained speed (~160 Mbps)*

*.Priority Lane Access*

*.Data Cap: Unlimited*

*.Latency: 20-40ms*

*.Enterprise Individual Account: Dedicated access, security features, and premium support*

*B.) WEB SECURITY WITH LOAD BALANCING*

*B.1 Load Balancing - Php.4,856,000.00*

*2 Units*

*Php.2,428,000.00*

*Specifications:*

*.Load Balancing Capabilities:*



- .Throughput: 8 Gbps*
  - .WAN Connections: Up to 12 WAN*
  - .Redundancy: Dual hot-swappable power supply units (PSU)*
  - .Load Balancer Type: Dedicated appliance*
  - .Failover Mechanism: Automatic traffic rerouting in case of a link failure*
  - .Network Interfaces*
    - .Ethernet Ports: Up to 16x GE (Gigabit Ethernet) WAN/LAN (Includes 2x LAN Bypass Ports)*
    - .High-Speed Connections: Up to 4x 10G SFP+ WAN/LAN interfaces*
    - .USB WAN Support: 1x USB WAN for additional failover*
  - .Hot-swappable components*
  - .Hardware Specifications*
    - .Processor: at least two (2) high-performance CPU (8-16 cores per CPU)*
    - .Memory: at least 16GB DDR4 RAM*
    - .Storage: at least 1TB SSD*
    - .Clock Speed: 3.0 GHz or higher*
- PPP 61

## *B.2 Load Balancing Subscription - Php.4,044,000.00*

*6 subscriptions*

*Php.674,000.00 PER SUBSCRIPTION*

*Specifications:*

- .Subscription Duration: 3 Years*
- .License Type: Software License*
- .Technical Support*
  - .Supported WAN Connection Types: PPPoE (Point-to-Point Protocol over Ethernet), Static IP, DHCP (Dynamic Host Configuration Protocol)*
  - .WAN Health Monitoring: PING (ICMP Echo Request), DNS Lookup, HTTP (Hypertext Transfer Protocol response check)*
  - .Bandwidth Monitoring*
  - .IPv6 Support*
  - .USB 4G/3G Modem Support*
  - .Supported DDNS Providers: changeip.com, dyndns.org, no-ip.org, tzo.com, DNS-O-Matic*
  - .WAN port can be converted into a LAN port*
  - .Extended DHCP Options: Custom DHCP configurations*
  - .DHCP Reservation: Assigns static IPs within the DHCP range*
  - .VLAN Support*
  - .Intelligent Failover*
  - .Session Persistence*
  - .Per-Service Load Distribution*
  - .Load Balancing Algorithms*
    - Weighted*
    - Enforced*
    - Persistence*
    - Priority*
    - Overflow*
    - Least Used*
    - Lowest Latency*
  - .Security Features:*
    - DoS (Denial of Service) Prevention*
    - Stateful Firewall*
    - Web Filtering & Blocking*
  - .SpeedFusion VPN / SpeedFusion Bandwidth Bonding*
    - Site-to-Site VPN*
    - Bandwidth Aggregation*
    - Hot Failover*
    - 256-bit AES Encryption*
    - Pre-shared Key Authentication*
    - Dynamic Routing*
    - X.509 Certificate Support*



- .VPN Server Support: PPTP/L2TP/OpenVPN Server
- .Authentication Support: Local User, LDAP, RADIUS, Active Directory Authentication
- .Additional VPN Support:
  - IPsec VPN (Network-to-Network)
  - GRE Tunnel (Network-to-Network)
  - PPTP (Point-to-Point Tunneling Protocol)
  - L2TP (Layer 2 Tunneling Protocol)
  - OpenVPN
- .Authentication Support
  - Local User Authentication
  - LDAP (Lightweight Directory Access Protocol)
  - RADIUS (Remote Authentication Dial-In User Service)
  - Active Directory Integration
- .Networking & NAT Features
  - Static Routes - Manually defined routing for network traffic
  - Port Forwarding - Allows external traffic to reach specific internal services
  - Many-to-One, One-to-One NAT - Maps multiple internal IPs to a single external IP or vice versa
  - NAT Pool - Allows multiple public IPs to be used for outbound traffic
  - SIP ALG, H.323 ALG - Helps VoIP applications function properly
  - UPnP, NAT-PMP - Automatic port mapping for applications
  - WINS Server Support - Enables legacy Windows network compatibility
- .Advanced Routing & Forwarding
- .Wireless & Access Point (AP) Management
  - AP Controller Support for Pepwave AP Series
  - Auto AP Firmware Management
  - AP Profile Configuration
  - Wi-Fi Usage Statistics
- .Captive Portal Support for Wired and Wireless LAN Clients, Support RADIUS Authentication

### C.) SMART CLASSROOMS - Php. 7,040,000.00

22 UNITS

Specifications:

#### 1. Interactive Board

- .Screen Size: at least 75 inches
  - .Resolution: 4K UHD (3840 x 2160)
  - .Touch Capability: Multi-touch (20-point touch) with gesture recognition
  - .Surface: Anti-glare, anti-fingerprint tempered glass
  - .Pen & Writing Features:
    - Handwriting recognition
    - Smooth writing with zero lag
    - Convert handwritten notes to text
    - Save and share notes via cloud
  - .Built-in Software:
    - Whiteboard with interactive tools
    - PDF/Document viewer with annotation capabilities
    - Built-in file manager
  - .Connectivity: HDMI, USB-C, VGA, DP, RJ45 (Ethernet), Bluetooth 5.0, Wi-Fi (2.4GHz + 5GHz)
  - .Multi-platform OS Compatibility: Windows, macOS, Linux, Android
  - .With rolling stand
- #### 2. Audio & Video Components
- .Built-in Camera: 4K resolution, 2x digital zoom, intelligent tracking
  - .Speakers: 4 built-in speakers, 30W maximum frequency
  - .Microphones: 6 microphones, 10m sound pickup distance
- #### 3. Computing & Performance
- Processor: at least 4-core CPU
  - Memory: at least 8GB RAM
  - Storage: at least 32GB Flash
- #### 4. Connectivity & Networking



- Wi-Fi: Dual-band Wi-Fi (2.4GHz + 5GHz)
- Bluetooth: 5.0
- NFC Support: For quick authentication & device pairing
- Ports: HDMI Input/Output , USB-C & USB 3.0, Ethernet (RJ45) for wired internet, 3.5mm Audio Jack, SD Card Slot
- Screen Sharing
- 5. AVR (Automatic Voltage Regulator)
- 2000VA, servo-motor type, surge protection

**\*INCLUDE:**

- .Installation, Configuration, and Integration
- .Deployment and Implementation
- .User Training for Operation & Maintenance

**DELIVERY PERIOD: 60 CALENDAR DAYS.. ABC: Php 20,740,000.00**

*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 (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 March 23 to May 5, 2026, Monday to Friday, 8:00 AM to 5:00 PM from the BAC Office or download from agency website ([www.wmsu.edu.ph](http://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-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 : April 7, 2026 @ 9:30 A.M. @ BAC Conference Office, Ground Floor Admin Building, WMSU, Z.C.
5. Bid Submission will be on or before May 5, 2026, Tuesday @ 9:30 AM. through Manual Submission.
6. Bid opening shall be on May 5, 2026, Tuesday @ 9:30 AM. at BAC 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. Price validity shall be for a period of 120 calendar days.

