



## 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 (WEB SECURITY WITH LOAD BALANCING)**

Approved Budget Cost: **PHP 35,100,000.00**

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

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

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

*A.) WEB SECURITY WITH LOAD BALANCING - Php.4,383,480.00*

*A.1 Firewall High Latency and Manage Appliance*

*Specifications:*

*.Firewall Throughput: up to 100,000 Mbps*

*.TLS Inspection Throughput: up to 13,500 Mbps*

*.Firewall IMIX: up to 52,000 Mbps*

*.Intrusion Prevention System (IPS): up to 40,000 Mbps*

*.IPsec VPN: up to 92,500 Mbps*

*.NGFW Throughput: up to 38,000 Mbps*

*.Threat Protection Throughput: up to 14,000 Mbps (or higher)*

*.Firewall Latency (64-byte UDP): 5 ?s (microsecond)*

*.Concurrent Connections: up to 32,400,000 (or higher)*

*.New Connections per Second: up to 468,000 (or higher)*

*.Concurrent IPsec VPN Tunnels: up to 10,000 (or higher)*

*.Concurrent SSL VPN Tunnels: up to 15,000 (or higher)*

*.Xstream SSL/TLS Inspection Throughput: up to 13,500 Mbps (or higher)*

*.Concurrent Connections Xstream SSL/TLS: up to 512,000 Mbps (or higher)*

*.Form Factor: 2U*

*.Connectivity: at least 8 x Gigabit Ethernet (GE) Copper Ports, at least 8 x SFP+ 10 GE Fiber Ports (expandable via modules)*

*.Interfaces: RJ45 Management port, RJ45 Console port, Micro-USB Console port, USB 3.0 port*

*.Storage: at least 1TB Dual SSD*

*.Power Supply: Dual hot-swappable internal power supply*

*.Hardware RAID: Integrated*

*.Display: Multi-function LCD module*

*.With glass rack cabinet 19U enclosure*

*A.2 Firewall Subscription - Php.4,767,000.00*

*3 SUBSCRIPTIONS - Php.1,589,000.00 PER YEAR*

*(for the Firewall High Latency and Manage Appliance)*

*Specifications:*

*.Subscription Duration: 3 years*

*.Software license*

*.Base License: Stateful Firewall, VPN, Wireless*

*.Network Protection: Intrusion Prevention (IPS), Advanced Threat Protection (ATP), SD-RED Device Management*

*.Web Protection: Web Security and Control, Application Control, Web Malware Protection*

*.Zero-day protection: Machine Learning, Sandboxing File Analysis, Threat Intelligence.*

*.Central Orchestration: SD-WAN VPN Orchestration, Central FIREWALL Reporting (CFR) Advanced.*

*.Email Protection: Anti-spam, Antivirus, Data Loss Prevention (DLP), Encryption, Email Malware Protection*

*.Webserver Protection: Web Application Firewall*



*.With Manage Pepwave APs*

*A.3 Subscription End Point Protection - Php.749,520.00*

*720 Licenses*

*Php.1,041.00 PER LICENSE*

*- 720 Licenses*

*Specifications:*

*.Subscription Duration: 3 years with 20-user license End Point Detection*

*.Cloud-Hosted Management: for enforcement, auditing and reporting*

*.Next Generation Exploit Prevention technology*

*.Next Generation Anti-Ransomware protection and recovery*

*.Deep-clean remediation of the entire threat chain*

*.Root Cause Analysis: provides details and visualization of the threats*

*.Malicious Traffic Detection*

*.Flexible Policy Control: allows for policy management by machine or user*

*PPP 59*

*A.4 Bandwidth Manager - P5,638,500.00*

*2 LotS - Php.2,819,250.00 per lot*

*Specifications:*

*.High Performance Mounting Rail Kit*

*.Operating System: 64-Bit*

*.RAM: at least 32GB*

*.Data Storage Capacity: at least 256 GB SSD*

*.Mother Board: Server Class*

*.Included Ports: Custom Copper Ethernet Ports*

*.Optional Ports: Fiber*

*.Number of Ports: up to 10*

*.Expansion Slots: 1 PCI-e*

*.Jumbo Frames: up to 9,000 bytes*

*.Dual Power Supply (Watts): AC (110V/220V) / DC(12V/5A)360W Max*

*.Maximum WAN Throughput: 1Gbps-10Gbps*

*.Number of Routing Table Entries: 5 Million*

*.Number of IPSec Tunnels: up to 9,000*

*.Supported Protocols: IPSec, SSL, GRE, MPSec., Routing Protocol*

*(BGP/static/OSPF), SNMP, NTP, LACP*

*.Integration: Active Directory, LDAP, TACACS, RADIUS, PIMS, Rest API's for SIEM, NMS, Syslog*

*.QoS Mechanisms: Traffic Class, IP Precedence, DSCP, CBWFQ, LLQ*

*.IPSec Crypto Options: AES-128, AES-256, 3DES, SHA-1, SHA2-256, SHA2-512, MD5, DH Group 2-18*

*.IPv6 Ready*

*.5G Ready*

*PPP 61*

*A.5 Firewall Subscription - Php.3,361,500.00*

*3 SUBSCRIPTIONS*

*PPP 61*

*Php.1,120,500.00 PER SUBSCRIPTION*

*(for the Bandwith Manager)*

*Specifications:*

*.Subscription Duration: at least 3 Years ;*

*.License Type: Software*

*.Security Features: Built-in firewall, NAT (Network Address Translation), IP filtering, and advanced security features*

*B.) ESTABLISHMENT OF HYPERCONVERGED INFRASTRUCTURE (HCI) Application B.1*

*Server - Php.7,149,400.00*

*2 LotS*

*P3,574,700.00 PER LOT*



*Specifications:*

*.Application Server & Data Nodes*

*-Designed for hyper-converged infrastructure (HCI) with software-defined storage (SDS)*

*-Two (2) Sets Application Server*

*-Two (2) Sets Data Nodes*

*.Storage Network*

*-vSAN Node (for software-defined storage)*

*-Firmware Lock: E660/F/N, P670F/N, V670F, S670*

*-Preinstalled Software: at least Version 7.0.450*

*-No Transformational License Agreement (TLA)*

*.Chassis & Form Factor*

*-2.5" Chassis with up to 10 NVMe drives*

*-3 PCIe Slots (expandable for network/storage add-ons)*

*-1U Bezel V2 (for rack-mounted servers)*

*-ReadyRails Sliding Rails (without cable management arm or strain relief bar)*

*-No GPU Enablement*

*-UEFI BIOS Boot Mode with GPT Partition*

*.Two (2) Processors (CPU): (Specifications per CPU)*

*-Base Clock: at least 2.8GHz*

*-Turbo Boost Speed: Up to 3.6 GHz (or higher)*

*-Cores/Threads: at least 24 Cores/ 48 Threads*

*-Cache: at least 36M L3*

*-Max Turbo Frequency enabled*

*-Hyper-Threading (HT)*

*-TDP: 230W*

*-Memory Speed: DDR4-3200 MT*

*.Memory (RAM)*

*-At least 64GB RDIMM, DDR4-3200, Dual Rank, 16Gb*

*-Supports 3200MT/s RDIMMs*

*-HCI System Software Memory: 64GB*

*-Expandable for higher capacity*

*.Storage 1*

*-At least 400GB NVMe SSD (3D Xpoint memory)*

*-Type: Enterprise-Grade*

*-Interface: U.2 NVMe Gen4*

*-Usage: Write-intensive operations*

*-With carrier*

*Storage 2*

*-At least 7 TB NVMe SSD (3D NAND technology)*

*-Type: Enterprise-Grade*

*-Interface: U.2 NVMe Gen4*

*-Usage: Read-intensive workloads*

*-With carrier*

*.Storage Boot & RAID Configuration*

*-BOSS-S2 Controller*

*-Dual M.2 480GB SSDs (Configured in RAID 1 for redundancy)*

*-Dedicated OS storage to separate boot operations from main storage*

*.Backplane: NVMe Backplane (Supports up to 10x 2.5" NVMe SSDs)*

*.Storage Software*

*-HCI System Software (Capacity Drive, 7.68TB)*

*-No RAID Controller for NVMe chassis (C36 configuration)*

*.Network Interface Card (NIC):*

*-Dual Port 10/25GbE SFP28*

*-Supports high-speed networking (10GbE/25GbE)*

*-Interface: PCIe 3.0/4.0 x 16*

*.Ethernet Controller:*

*-Dual Port 1Gb On-Board LOM*

*-Speed: Up to 1Gbps (1000BASE-T) per port*

*-Interface: PCIe 2.0 x 4*

*-Network Standard: IEEE 802.3 (10BASE-T, 100BASE-TX, 1000BASE-T)*



- .Remote Access Controller (Enterprise Edition)
- Remote server management
- Out-of-band system monitoring
- Hardware lifecycle management
- with DHCP & Legacy Password enabled
- DHCP with Zero Touch Configuration
- Trusted Platform Module (TPM) 2.0 V3
- .Power & Cooling
- Dual, Hot-Plug, Redundant Power Supplies (1+1), 1100W MM Titanium (high efficiency)
- C13 to C14 Power Cords (PDU Style, 10A, 6.5ft)
- T-Type Heatsink 165W (for 2-CPU configuration)
- .Support & Warranty
- .Parts Only Warranty: at least 36 Months (3 Years)
- .Support with 4Hr Mission Critical Onsite Service: vSAN Extension: at least 12 Months; vSAN Initial: at least 36 Months
- .Certified Deployment Partner T2

### B.2 Virtualization Software - Php.3,650,600.00

2 Licenses

Php.1,825,300.00 PER LICENSE

(for the Hyperconverged Infrastructure Application Server)

Specifications:

- .License Duration: at least 3 Years ;
- .Support Mission Critical Software Support and Maintenance at least 48 months
- .Must be compatible with Hyperconverged Infrastructure (HCI) solutions
- .Must support software-defined storage, compute, and networking
- .Must be capable of high availability, scalability, and disaster recovery integration
- .Support for containerized workloads and Kubernetes integration
- .Must have built-in disaster recovery and backup options
- .With Free Additional Services:
- .Installation, Configuration, and Integration
- .Deployment and Implementation
- .User Training (covering administrators and end-users)
- .Two (2) Years of Managed Services, including: Regular system, monitoring and maintenance, Performance optimization, Troubleshooting and issue resolution

Note: Bidders Eligibility

1. The seller must have an 8x5 support service (8 hours a day, 5 days a week)with online ticketing system for proper tracking of issues and concerns
2. The seller must have qualified Technical Support Engineers
- 3.The seller must have at least one (1) engineer with certification in handling fiber optic components
4. The seller must have a a valid NTC dealer's permit for Radio Transmitter/Tranceiver/WDN Equipment
5. The seller must have at least one licensed Electronics and Communications Engineer

### B.3 HYPERCONVERGED RISK DISASTER SITE - Php.3,574,700.00

1 Lot

Specifications:

- .One (1) set Application Server:
- .Chassis Type: 2.5" drive bay chassis
- .Drive Bays: Supports up to 10 NVMe drives
- .PCIe Slots: 3 PCIe slots for expansion
- .Rack Unit (RU): 1U Bezel V2 (rack-mountable)
- .Two (2) Processors (CPU) (Specifications per CPU):
- .Clock Speed: at least 2.8 GHz (Base)
- .Cores / Threads: 24 Cores / 48 Threads per processor
- .Cache: at least 36M L3 cache
- .TDP (Thermal Design Power): 230W
- .Architecture: Intel 11.2GT/s UPI (Ultra Path Interconnect)



- .Hyper-Threading enabled*
- .Turbo Boost: up to higher speeds under load*
- .Memory Support: DDR4-3200*
- .Memory (RAM):*
- .Memory Type: Registered DIMM (RDIMM)*
- .Speed: 3200 MT/s*
- .Capacity: 64GB (Expandable)*
- .Ranks: Dual Rank*
- .DRAM Density: 16Gb*
- .Storage*
- Capacity: At least 400GB NVMe SSD (3D Xpoint memory)*
- .Interface: U.2 Gen 4*
- .Read/Write Optimization: Write Intensive (WI)*
- .Performance Class: Enterprise-grade, high-speed, low-latency*
- .RecoverPoint for VMs (HCIA)*
- .License: HCIA RecoverPoint for VMware for 1 node*
- .Version: 7.0.450 (Factory Installed)*
- .Support & Maintenance*
- .Support for RecoverPoint for VMs*
- .Mission Critical Support for at least 48 months (4 years)*
- .Software Updates & Troubleshooting included*
- .Additional Features*
- .No Transformational License Agreement*

#### **B.4 VIRTUALIZATION SOFTWARE - Php.1,825,300.00**

*1 License*

*(for the Hyper Converged Risk Disaster Site)*

*Specifications:*

*.License Duration: at least 3 Years*

*.Support Mission Critical Software Support and Maintenance at least 48 months*

*Note: Bidders Eligibility*

- 1. The seller must have an 8x5 support service (8 hours a day, 5 days a week)with online ticketing system for proper tracking of issues and concerns*
- 2. The seller must have qualified Technical Support Engineers*
- 3. The seller must have at least one (1) engineer with certification in handling fiber optic components*
- 4. The seller must have a a valid NTC dealer's permit for Radio Transmitter/Tranceiver/WDN Equipment*
- 5. The seller must have at least one licensed Electronics and Communications Engineer PPP 60*

*NOTE:*

*.With Free Additional Services:*

*.Installation, Configuration, and Integration*

*.Deployment and Implementation*

*.User Training (covering administrators and end-users)*

*.Two (2) Years of Managed Services, including: Regular system, monitoring and maintenance, Performance optimization, Troubleshooting and issue resolution*

**DELIVERY PERIOD: 60 CALENDAR DAYS..**

**ABC: Php 35,100,000.00**

*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) 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 @ 9:30 AM. through Manual Submission.*
- 6. Bid opening shall be on May 5, 2026 @ 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.*
- 8. Bidders shall submit original brochures showing certifications of the product being offered.*
- 9. 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.*
- 10. 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.*