



PHILIPPINE INSTITUTE FOR DEVELOPMENT STUDIES
18th Floor Three Cyberpod Centris-North Tower EDSA Quezon City
Tel No. 8877-4013/4006 : Fax 8877-4099 : TIN # 000-844-550

REQUEST FOR QUOTATION

Date: February 05, 2026
Reference No (PR No.): 2026-043

To All Interested Bidders:

This is to request for quotation on the PIDS procurement requirement enumerated hereunder. If you are interested and, in a position, to furnish the same, we shall be glad to have your best price, terms and conditions of delivery, submitted not later than **February 13, 2026, 10:00 AM** addressed to the *Procurement Management Division of the Administrative and Finance Department* at the abovementioned address. PIDS reserves the right to reject any and all bids, declare failure of bidding, or not award the contract under the conditions specified in the IRR of RA 12009.

The price quotation/s, to be denominated in Philippine peso, **shall include all applicable taxes, duties, and/or levies payable.**

Very truly yours,

July R. Sulung
CAO, Procurement Management Division

Item	Qty	Unit	Articles/Description	Unit Cost	Total Cost
1	1	unit	Supply and Delivery of Network Attached Storage (NAS) - See attached Technical Specification ABC: PhP1,700,000.00		
Requirements: <ul style="list-style-type: none"> PhilGEPS Registration No. (if PhilGEPS Platinum Certificate is provided, Mayor's/Business Permit is no longer required) Valid Mayor's/Business Permit Notarized Omnibus Sworn Statement - Supported by applicable Notarized Authority of Representative / Signatory. Latest Income/Business Tax Returns 					

The price and details of the above offer are certified correct:

_____	_____
Name of Firm (<i>Bidder</i>)	Signature over Printed Name of <i>Bidder's Representative</i>
_____	_____
Address	Business Permit No.
_____	_____
Telephone <i>and/or Mobile No.</i>	Tax Identification Number (<i>TIN</i>)
_____	_____
<i>Email Address</i>	PhilGEPS Registration Number

Note: PIDS is evaluating its supplier's performance based on the quality of services rendered or goods delivered, timeliness of delivery, customer/after sales service and overall quality of service.

Network Attached Storage (NAS) Technical Specifications – 1 Unit

HARDWARE SPECIFICATIONS:	
CPU	<ul style="list-style-type: none"> • CPU Model: Intel Xeon D-1541 • CPU: 1 • CPU Core: 8 • CPU Threads: 16 • CPU Architecture: 64-bit • CPU Frequency: 2.1 (base) / 2.7 (turbo) GHz • Hardware Encryption Engine: Yes
Memory	<ul style="list-style-type: none"> • System Memory: At least 32GB (2 x 16GB) DDR4 ECC RDIMM • Total Memory Slots: 4 • Maximum Memory Capacity: 128 GB (32GB x 4)
Storage	<ul style="list-style-type: none"> • 176TB 3.5" Enterprise-Grade SATA HDD (16TB x 11) designed for NAS • Usable Capacity: At least 116 TB (RAID 6) • Drive Bays: 12 • Maximum Drive Bays with Expansion Unit: 96 (expansion unit x 7) • Drive Type: 3.5" SATA HDD • Hot Swappable Drive: Yes
External Ports	<ul style="list-style-type: none"> • RJ-45 1GbE LAN Port: 4 • RJ-45 10GbE LAN Port: 2 • Out-of-Band Management LAN Port: 1 • Maximum Number of LAN Ports: 15 • USB 3.2 Gen 1 Port: 2 • Expansion Port: 1 • Expansion Port Type: Mini-SAS HD
PCIe	PCIe Expansion: 2 x Gen 3 x 8 slots (x8 link)
Appearance	<ul style="list-style-type: none"> • Form Factor (RU): 2U • Size (Height x Width x Depth): 88mm x 482mm x 724mm • Weight: At most 14.5kg. • Rack Installation Support: 4-post 19" Rack Rail Kit
Others	<ul style="list-style-type: none"> • System Fan: 80mm x 80mm x 4 pcs • Fan Speed Mode: Full-Speed, Cool, Quiet • Easy Replacement System Fan: Yes • Power Recovery: Yes • Noise Level: 49.8 dB(A) • Scheduled Power On/Off: Yes • Wake-on-LAN/WAN: Yes • Power Supply Unit/Adapter: 550 watts • Redundant Power Supply: Yes • AC Input Power Voltage: 100V to 240V AC • Power Frequency: 50/60 Hz, Single Phase • Power Consumption: 136.15 watts (Access), 58.48 watts (HDD Hibernation) • British Thermal Unit: 464.56 BTU/hr (Access), 199.54 BTU/hr (HDD Hibernation)
Temperature	Operating Temperature: 0°C to 35°C (32°F to 95°F) Storage Temperature: -20°C to 60°C (-5°F to 140°F) Operating Humidity: 8% to 80% RH Storage Humidity: 5% to 95% RH
Certifications	FCC, CE, BSMI, VCCI, RCM, UKCA, EAC, CCC, KC, BIS, UL
Environment	RoHS Compliant
Package Inclusion	<ul style="list-style-type: none"> • 1 x Main Unit • 1 x Accessory Pack • 2 x AC Power Cord • 1 x Quick Installation Guide

Accessories	<ul style="list-style-type: none"> • Rail Kit Sliding
SOFTWARE SPECIFICATIONS:	
Storage Management	<ul style="list-style-type: none"> • Maximum Single Volume Size: <ul style="list-style-type: none"> ○ 1PB (64GB memory required, for RAID 6 groups only) ○ 200TB ○ 108TB • Maximum Internal Volume Number: 256 • SSD Read/Write Cache: Yes • SSD TRIM: Yes • RAID Group: Yes • Supported RAID Type: <ul style="list-style-type: none"> ○ RAID F1 ○ Basic ○ JBOD ○ RAID 0 ○ RAID 1 ○ RAID 5 ○ RAID 6 ○ RAID 10 • RAID Migration: <ul style="list-style-type: none"> ○ Basic to RAID 1 ○ Basic to RAID 5 ○ RAID 1 to RAID 5 ○ RAID 5 to RAID 6 • Volume Expansion with Larger HDDs: <ul style="list-style-type: none"> ○ RAID F1 ○ RAID 1 ○ RAID 5 ○ RAID 6 ○ RAID 10 • Volume Expansion by Adding a HDD: <ul style="list-style-type: none"> ○ RAID F1 ○ JBOD ○ RAID 5 ○ RAID 6 • Volume Expansion by Adding a HDD: <ul style="list-style-type: none"> ○ RAID F1 ○ JBOD ○ RAID 5 ○ RAID 6 • Global Hot Spare Supported RAID Type: <ul style="list-style-type: none"> ○ RAID F1 ○ RAID 1 ○ RAID 5 ○ RAID 6 ○ RAID 10
File System	<ul style="list-style-type: none"> • Internal Drives: <ul style="list-style-type: none"> ○ Btrfs ○ ext4 • External Drives: <ul style="list-style-type: none"> ○ Btrfs ○ ext4

	<ul style="list-style-type: none"> ○ ext3 ○ FAT32 ○ NTFS ○ HFS+ ○ exFAT
File Services	<ul style="list-style-type: none"> ● File Protocol: <ul style="list-style-type: none"> ○ SMB ○ AFP ○ NFS ○ FTP ○ WebDAV ○ Rsync
Maximum Number of SMB Connections (FSCT-Based)	1,900
Windows Access Control	Yes
NFS Kerberos Authentication	Yes
Account and Shared Folder	<ul style="list-style-type: none"> ● Maximum Local User Accounts: 5,120 ● Maximum Local Groups: 512 ● Maximum Shared Folder: 512 ● Maximum Shared Folder Sync Tasks: 32
Hybrid Share	Hybrid Share Folder Number: 15
Hyper Backup	<ul style="list-style-type: none"> ● Data and Folder Backup: Yes ● Entire System Backup: Yes
High Availability	Yes
Log Center	Syslog Events per Second: 3,000
Virtualization	<ul style="list-style-type: none"> ● VMware vSphere: <ul style="list-style-type: none"> ○ ESXi 8.0 U2, ESXi 8.0 U1, ESXi 8.0, ESXi 7.0 U3, ESXi 7.0 U2, ESXi 7.0 U1, ESXi 7.0, ESXi 6.7 U3, ESXi 6.7 U2, ESXi 6.7 U1, ESXi 6.7, ESXi 6.5 U3, ESXi 6.5 U2, ESXi 6.5 U1, ESXi 6.5 ● Microsoft Hyper-V: Windows Server 2022 ● Citrix XenServer: XenServer 8, Citrix Hypervisor 8.2 LTSR CU1 ● OpenStack: Cinder
General Specifications	<ul style="list-style-type: none"> ● Supported Protocols: <ul style="list-style-type: none"> ○ SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, Fibre Channel, HTTP, HTTPS, FTP, SNMP, LDAP, CalDAV ● Supported Browsers: <ul style="list-style-type: none"> ○ Chrome ○ Firefox ○ Edge ○ Safari ● Supported Language: English
Central Management System	Yes
AI Console	Third-Party AI Model Integration: Yes Maximum De-Identification Rate: 1,900 words per second
Chat	Maximum Number of Users: 500
Download Station	Maximum Concurrent Download Tasks: 80
SAN Manager	<ul style="list-style-type: none"> ● Maximum iSCSI Target Number: 128 ● Maximum LUN: 256 ● LUN Clone/Snapshot, Windows ODX: Yes
MailPlus/MailPlus Server	<ul style="list-style-type: none"> ● Free Email Accounts: 5 ● Maximum Number of Users: 4,100
Media Server	DLNA Compliance: Yes
Photos	● Facial Recognition: Yes

	<ul style="list-style-type: none"> • Object Recognition: Yes
Snapshot Replication	<ul style="list-style-type: none"> • Maximum Snapshots per Shared Folder: 512 • Maximum Snapshots per LUN: 128 • Maximum Snapshots per System: 16,384 • Maximum Replication Tasks for Shared Folders: 64 • Maximum Replications Tasks for LUNs: 32 • Maximum Replication Tasks per System: 64
Surveillance Station	<ul style="list-style-type: none"> • Default Licenses: 2 • Maximum IP Cameras and Total FPS (H.264): <ul style="list-style-type: none"> ○ 1080p: 160 channels, 2800 FPS ○ 3M: 160 channels, 1600 FPS ○ 5M: 120 channels, 1200 FPS ○ 4K: 80 channels, 800 FPS • Maximum IP Cameras and Total FPS (H.265): <ul style="list-style-type: none"> ○ 1080p: 160 channels, 600 FPS ○ 3M: 160 channels, 2800 FPS ○ 5M: 120 channels, 1600 FPS ○ 4K: 80 channels, 1200 FPS
NAS Drive	<ul style="list-style-type: none"> • Maximum Number of Users: 3500 • Maximum Number of Hosted Files: 25,000,000 (applies to files indexed or hosted by NAS Drive. For file access through other standard protocols, refer to the File Services section above.)
Office	<ul style="list-style-type: none"> • Maximum Number of Users: 3,400
Virtual Machine Manager	<ul style="list-style-type: none"> • Recommended Virtual Machines Instances: 16 • Recommended Virtual DSM Number: 16 (including 1 Free license)
VPN Server	<ul style="list-style-type: none"> • Maximum Connections: 32
Warranty	<ul style="list-style-type: none"> • The warranty includes at least five years of parts and labor/support (onsite or offsite, whichever is applicable). • Must include phone support during business hours. • A temporary replacement unit or replacement of defective part(s) should be provided within 24 hours if the unit cannot be repaired within one working day.
Services/Scope of Work	<ul style="list-style-type: none"> • Includes migration of the existing NAS to the new storage, including configuration of the existing backup software of PIDS. <p><u>Scope of work includes:</u></p> <ul style="list-style-type: none"> - Pre-migration meeting and assessment - Preparation of source and destination NAS - Migration configuration - Validation of migration data
Others	<ul style="list-style-type: none"> • The winning bidder should be able to support existing backup software of PIDS.
	<ul style="list-style-type: none"> • The bidder must provide a Manufacturer's Authorization Form (MAF) or certificate certifying that the bidder is an authorized partner/reseller to implement, configure, and provide support for the proposed solution.

Total estimated price: ₱1,700,000.00/unit

Conforme:

Name and Signature