



**Office of the President of the Philippines**  
OFFICE OF THE PRESIDENTIAL ADVISER ON THE PEACE PROCESS

**REQUEST FOR QUOTATION**

26 July 2019

The Office of the Presidential Adviser on the Peace Process (OPAPP), through its Bids & Awards Committee (BAC), invites interested supplier/contractor to submit their *lowest* and *responsive* quotation for Supply and Delivery of one (1) unit of Network-Attached Storage with Hard Drives of six (6) units. Details of which are as follows:

A. Name of the Project	<b>Procurement, Supply, &amp; Delivery of one (1) unit of Network-Attached Storage (NAS) with Hard Drives of six (6) units.</b>
B. Source of Fund	<b>F.Y. 2019.</b>
C. Approved Budget for the Contract (ABC)	<b>One Hundred Twenty Thousand Pesos (PhP120,000.00).</b>
D. Mode of Procurement	<b>Negotiated Procurement-Small Value Procurement (R.A. 9184).</b>
E. Technical Requirements	➤ <b>Please see Annex "A".</b>
F. Documentary Requirements	<ol style="list-style-type: none"> <li><b>1) PhilGEPS Registration Number/ Certificate;</b></li> <li><b>2) Mayor's/ Business Permit;</b></li> <li><b>3) Latest Income/ Business Tax Return (Tax Clearance will not be accepted);</b></li> <li><b>4) Omnibus Sworn Statement in accordance with sec. 25.3 of the 2016 IRR of RA 9184;</b></li> </ol>
G. Pre-Bid Conference	

**I. Terms & Conditions**

- a) The ABC is inclusive of applicable taxes.
- b) Bid offer exceeding the ABC shall be automatically disqualified.
- c) The bid offer must be valid for Thirty (30) calendar days upon receipt by the procuring entity.
- d) Documentary requirements must be submitted on or before the deadline of submission of bids. Late bids will not be accepted.

If you intend to send your bids through a courier, please ensure that we shall receive it before the deadline of submission of bid.

- e) Bids must be submitted in a sealed envelope with the (i) bidder's complete (postal) address; (ii) telephone number, fax and email address printed under its postal address; & (iii) the name of the project must be indicated in the center-uppermost.

Unsealed bids nor bids sent through email will not be accepted/ honored.

- f) All quotations must be inclusive of all applicable fees, and not subject to price escalation in case there will be an Order increasing the daily minimum wage.
- g) Subcontracting is not allowed.

**II. Delivery Period**

Within fifteen (15) calendar days from receipt of Job Order.

**III. Place of Delivery**

6<sup>th</sup> Floor, Agustin I Bldg.  
F.Ortigas Jr. Road (Former Emerald Avenue)  
Ortigas Center  
Pasig City

**IV. Terms of Payment**

Payment shall be made to the supplier or distributor upon delivery all units under this procurement and issuance of billing statement.

**V. Warranty**

Replacement of defective item/s shall be made within seven (7) days from receipt of the supplier or distributor of the formal written notice.

**VI. Deadline of Submission of Bids**

Bids/Quotations must be submitted on or before AUG 01 2019, 5pm.

**VII. Submit your bids at:**

BAC Secretariat's Office  
6<sup>th</sup> Floor, Agustin I Bldg.  
F.Ortigas Jr. Road  
Ortigas Center  
Pasig City

The OPAPP reserves the right to reject any and all quotations or bids, declare a failure of bidding or not award the contract in accordance with Section 41 of the IRR of R.A. 9184.

The contract will be awarded to the *lowest quotation* and *responsive* to our specifications and requirements.

For further inquiries, please coordinate with the BAC Secretariat at telephone number (02) 636 0701 local 818, or at [opapp.bacsec@gmail.com](mailto:opapp.bacsec@gmail.com).

Sincerely,



**Alain A. Ebuén**  
OIC-ICTU

Noted by:



**Linda N. Cañete**  
CAO - PSS

x-----x

*After having carefully read and accepted your terms and conditions, our best offer for the procurement of the above listed goods is (Please fill-in details: amount in words) (PhP \_\_\_\_\_).00).*

Company Name: \_\_\_\_\_  
Authorized Representative: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Position: \_\_\_\_\_  
Contact No.: \_\_\_\_\_  
Email Add: \_\_\_\_\_

**6-Bay NAS**

<b>Hardware Specifications</b>	
<b>CPU</b>	
CPU Architecture	64-bit
CPU Frequency	Quad Core 2.1 GHz
Hardware Encryption Engine (AES-NI)	
<b>Memory</b>	
System Memory	4 GB DDR4
Memory Module Pre-installed	4 GB (4 GB x 1)
Total Memory Slots	2
Memory Expandable up to	32 GB (16 GB x 2)
<b>Storage</b>	
Drive Bays	6
Maximum Drive Bays with Expansion Unit	16
Compatible Drive Type	<ul style="list-style-type: none"> <li>• 3.5" SATA HDD</li> <li>• 2.5" SATA HDD</li> <li>• 2.5" SATA SSD</li> </ul>
Maximum Internal Raw Capacity	84 TB (14 TB drive x 6) (Capacity may vary by RAID types)
Maximum Raw Capacity with Expansion Units	224 TB (84 TB + 14 TB drive x 10) (Capacity may vary by RAID types)
Maximum Single Volume Size	108 TB

Hot Swappable Drive	
<b>External Ports</b>	
RJ-45 1GbE LAN Port	4 (with Link Aggregation / Failover support)
USB 3.0 Port	3
eSATA Port	2
<b>PCIe</b>	
PCIe Expansion	1 x Gen3 x8 slot (black, x4 link)
Add-in-card support	<ul style="list-style-type: none"> <li>• M2D18 - Dual M.2 SATA/NVMe SSD adapter card for SSD cache</li> <li>• PCIe Network Interface Card (Learn more)</li> </ul>
<b>File System</b>	
Internal Drives	<ul style="list-style-type: none"> <li>• Btrfs</li> <li>• EXT4</li> </ul>
External Drives	<ul style="list-style-type: none"> <li>• Btrfs</li> <li>• EXT4</li> <li>• EXT3</li> <li>• FAT</li> <li>• NTFS</li> <li>• HFS+</li> <li>• exFAT*</li> </ul>
Notes	exFAT Access is purchased separately in Package Center.
<b>Others</b>	
System Fan	92 mm x 92 mm x 2 pcs
Fan Speed Mode	<ul style="list-style-type: none"> <li>• Full-Speed Mode</li> <li>• Cool Mode</li> <li>• Quiet Mode</li> </ul>
Easy Replacement System Fan	
Brightness adjustable front LED indicators	
Power Recovery	
Noise Level*	23.7 dB(A)
Scheduled Power On/Off	

Wake on LAN/WAN	
Power Supply Unit / Adapter	250W
AC Input Power Voltage	100V to 240V AC
Power Frequency	50/60 Hz, Single Phase
Power Consumption*	56.86 W (Access) 25.76 W (HDD Hibernation)
British Thermal Unit	194.01 BTU/hr (Access) 87.9 BTU/hr (HDD Hibernation)
<b>Environment Temperature</b>	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-5°F to 140°F)
Relative Humidity	5% to 95% RH
<b>Certification</b>	<ul style="list-style-type: none"> <li>• FCC</li> <li>• CE</li> <li>• BSMI</li> <li>• EAC</li> <li>• VCCI</li> <li>• CCC</li> <li>• RCM</li> <li>• KC</li> </ul>
<b>Warranty</b>	with 3 Year Hardware Warranty
<b>Notes</b>	<ul style="list-style-type: none"> <li>• Power consumption is measured when fully loaded with Western Digital 1TB WD10EFRX hard drive(s).</li> <li>• Noise Level Testing Environment: Fully loaded with Seagate 2TB ST2000VN000 hard drive(s) in idle; Two G.R.A.S. Type 40AE microphones, each set up at 1 meter away from the NAS front and rear; Background noise: 16.49-17.51 dB(A); Temperature: 24.25-25.75°C; Humidity: 58.2-61.8%</li> </ul>
<b>Supported RAID Type</b>	<ul style="list-style-type: none"> <li>• Basic</li> <li>• JBOD</li> <li>• RAID 0</li> <li>• RAID 1</li> <li>• RAID 5</li> <li>• RAID 6</li> </ul>

	<ul style="list-style-type: none"> <li>• RAID 10</li> <li>•</li> </ul>
RAID Migration	<ul style="list-style-type: none"> <li>• Basic to RAID 1</li> <li>• Basic to RAID 5</li> <li>• RAID 1 to RAID 5</li> <li>• RAID 5 to RAID 6</li> </ul>
Volume Expansion with Larger HDDs	<ul style="list-style-type: none"> <li>• RAID 1</li> <li>• RAID 5</li> <li>• RAID 6</li> <li>• RAID 10</li> </ul>
Volume Expansion by Adding a HDD	<ul style="list-style-type: none"> <li>• JBOD</li> <li>• RAID 5</li> <li>• RAID 6</li> </ul>
Global Hot Spare Supported RAID Type	<ul style="list-style-type: none"> <li>• RAID 1</li> <li>• RAID 5</li> <li>• RAID 6</li> <li>• RAID 10</li> </ul>
<b>File Services</b>	
File Protocol	CIFS/AFP/NFS/FTP/WebDAV
Maximum Concurrent CIFS/AFP/FTP Connections	1000
Maximum Concurrent CIFS/AFP/FTP Connections (with RAM expansion)	2000
Windows Access Control List (ACL) Integration	
NFS Kerberos Authentication	
<b>Account &amp; Shared Folder</b>	
Maximum Local User Accounts	2048
Maximum Local	256

<b>Groups</b>	
Maximum Shared Folder	512
Maximum Shared Folder Sync Tasks	8
<b>High Availability Manager</b>	
<b>Log Center</b>	
Syslog Events per Second	800
<b>Virtualization</b>	
VMware vSphere 6 with VAAI	
Windows Server 2016	
Citrix Ready	
OpenStack	
<b>Cloud Station Server</b>	
Recommended Number of Hosted Files	1,000,000
Recommended Number of Concurrent Connections for PC Clients	1000
Notes	<ul style="list-style-type: none"> <li>• The maximum number of concurrently connected devices refers to the maximum number of devices that can remain connected at the same time.</li> <li>• The maximum number of hosted files refers to the maximum number of files that can be indexed and hosted by the Cloud Station Server service. RAM expansion was not used during testing.</li> <li>• Non-encrypted shared folders were used during the aforementioned testing.</li> </ul>
<b>Snapshot Replication</b>	
Maximum Snapshots per Shared Folder	1024
Maximum of system snapshots	65536



**4TB Internal Hard Drive 64MB Cache SATA 6.0Gb**

- Reduce power consumption by up to 40% and offer best-in-class acoustics and operating temperature and 3rd generation SATA interface.
- fine-tuned balance of spin speed, transfer rate and caching algorithms designed to deliver both significant power savings and solid performance.
- Calculates optimum seek speeds to lower power consumption, noise, and vibration.
- 4 TB capacity which holds up to 800,000 digital photos, 1,000,000 MP3 files, and 300 hours of HD video.
- 2 year limited warranty