



Republic of the Philippines

**DEPARTMENT OF SCIENCE AND TECHNOLOGY**

**Philippine Atmospheric, Geophysical and Astronomical Services**

**Administration (PAGASA)**

**02 September 2019**

**SUPPLEMENTAL / BID BULLETIN**

**Addendum No. 2019-032-01**

**Subject: Supply and Delivery of Five (5) Sets Storage Servers”; (Reference: PR No. 2019-06-0484; ABC Php5,000,000.00)**

This Bid Bulletin is being issued to all prospective bidders to clarify, amend and/or modify certain provisions in the Terms of Reference (TOR) and to answer the written clarificatory questions submitted by prospective bidders, to wit:

**A. Query from WIDE INTEGRATEDSOLUTIONS EXPERT**

<b>QUESTION/s</b>	<b>PAGASA-BAC ANSWERS</b>
<p>CPU: 2 x 1.7GHz 6 Core Xeon E5-2603V4 Dual Capability (request to modify / Change to: Intel Xeon Bronze 3204 1.9G, 6C/6T, 9.6GT/s, 8.25M Cache, No Turbo, No HT (85W) DDR4-2133)</p> <p>(Both CPU must be populated to activate all Pce slots)</p> <p>Memory: 4 x 16GB DDR4 2400 EEC Reg n 16 DIMMs (request to modify / Change to: 4x 16GB RDIMM, 2933MT/s, Dual Rank)</p> <p>Chipset: Intel 612 Express (request to modify Change to: Intel C620)</p> <p>Expansion Slots: 1 x PCI-E 3.0 x 16 slots (Comply)</p>	<p>No. It will affect the compatibility of our current set up and configuration of our present cluster storage that is already deployed to our radar site.</p> <p>The cluster configuration setup should be the same specifications of hardware. Thus, the five (5) additional storage server can be added to the existing cluster storage.</p>

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Science Garden Compound, BIR Road, Brgy. Central, Quezon City,  
Metro Manila, Philippines 1100  
Postal Address: P.O. Box 3278 Manila

Tel. Nos. (632) 929 48 65; (632) 434 90 40  
Fax: (632) 929 48 65  
Website: <http://bagong.pagasa.dost.gov.ph>

6 x PCI 3.0 x 8 slots (request to modify /  
Change to: 3x PCI 3.0 8 slots)

In/Out: LAN Dual 10GBase -T LAN w/  
intel x540 onboard (request to modify  
/replace x540 to X550)

Dual Gigabit LAN Card IPMI 2.0 + KVM  
w/ dedicated LAN

VGA: onboard graphics controller  
Backplane: SAS3(12Gbps) via LSI 3108  
SAS/SATA RAID

Controller HW RAID 0,1,5,6,10,50,60

2 x 64GB SATADOM (request to modify  
/Change to: BOSS controller card + with  
2 M.2 Sticks 240G (RAID 1), FH)

2 x 480GB SATA SSD 12 x 12TB SATA  
Enterprises 7200 RPM 3.5"

12 x 3.5" Hot Swap drive bay for 2 x 2.5"  
drives bays (Confusing statement)  
request to modify change to: 12x 3.5" Hot  
Swap drive (Front) and 2x 2.5 drive bays  
(Flex bay)

Rear hot-swap drive bay for 2 x 2.5"  
drives

Power Supply: 920W high efficiency:  
(request to modify /Change to: 1100W)

Platinum-Level Redundant System  
Cooling : 3 x 8cm heavy duty fans  
request to modify / (Change to: 6 x  
Performance Fan)

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Brands that are top 3 or top 5 server brands in the world by IDC between 2017-2018. This is to screen out cheaper brands that is of low acceptance and low quality which will be dim disadvantageous to your organization. These are Dell, HP, Lenovo , IBM, Cisco	No. The change of brand will affect the whole technical specifications of storage server.
Delivery period from 30 calendar days to 45 – 60 calendar days.	There will be no extension of delivery period, thirty (30) calendar days is sufficient enough.
Must have a server management thru mobile device (ios and android support)	No – We don't need a rapid OS recovery, since, we are using LINUX OS for our server storage system and will be setup and configure using hardware raid 1, meaning if 1 disk fails the OS is still up and running.

**B. Query from ACCENT MICRO TECHNOLOGIES INC.**

<b>QUESTION/s</b>	<b>PAGASA-BAC ANSWERS</b>
Power Supply: 1200W high efficiency, Platinum-Level Redundant	There will be no effect in our system there is an increase in power supply or change in power wattage.
Request to change or to add more fans for better cooling performance	There will be no effect even you will change or add more fans for better cooling performance.
Request to change to a generic term of specifications	No – Please refer to Technical Specifications of Terms of Reference (TOR).
Request to change the delivery period	There will be no extension of delivery period, thirty (30) calendar days is sufficient enough.

In addition, the winning bidder is required to provide SEQRITE ENDPOIN SECURITY, our preferred Antivirus.

This shall form an integral part of the Bid Documents.

For information and guidance of all participating bidders.

**Engr. CATALINO L. DAVIS**  
Chairperson, PAGASA-BAC

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