

Republic of the Philippines  
DEPARTMENT OF THE INTERIOR AND LOCAL GOVERNMENT  
BUREAU OF FIRE PROTECTION  
Agham Road, Brgy. BagongPag-asa, Quezon City

SUPPLEMENTAL BID/BULLETIN

**ADDENDUM NO. 1**

27 May 2021

**UPGRADING OF DATA SERVER**

**BFP BAC IB No. 011 (G) s. 2021**

This Addendum No. 1 is issued to clarify some provisions in the bidding documents for the Updating of Data Server with an Approved Budget for the Contract of **One Million Seven Hundred Thousand Pesos (Php1,700,000.00)**.

**ISSUED GUIDELINES:**

**1. ON THE SCHEDULE OF REQUIREMENTS**

**Date of Delivery/Completion/ Service**

<b>AS READ</b>	<b>TO READ</b>
Within Sixty (60) calendar days after receipt of Notice to Proceed.	Within <b><u>Ninety (90)</u></b> calendar days after receipt of Notice to Proceed.

<b>QUERY</b>	<b>ANSWER</b>
Item VIII. Delivery Period 1. Extension from 60 days to 90 days	Granted.

**2. ON THE TECHNICAL SPECIFICATION**

**Technical Requirements**

**A. Server**

<b>AS READ</b>	<b>TO READ</b>
6. Memory Module Pre-installed 8 GB (8 GB x 1)	6. Memory Module Pre-installed 8 GB ( <b><u>8 GB x 2</u></b> )

<b>QUERY</b>	<b>ANSWER</b>
26. Please confirm if you require to add expansion unit. Included 10TB and 480Gb storage are enough to install at the Main Unit.	Technical requirements retained.

AS READ	TO READ
29. 10GbE Network Interface Card: a. Host Bus Interface <ul style="list-style-type: none"> <li>• PCIe 3.0 and 2.0 compatible</li> <li>• 8-lane or 4-lane auto-negotiation</li> </ul> b. Data Transfer Rates: 10 Gbps c. Network Operation Mode: Full Duplex	29. 10GbE Network Interface Card: a. Host Bus Interface <ul style="list-style-type: none"> <li>• PCIe 3.0 and 2.0 compatible</li> <li>• 8-lane or 4-lane auto-negotiation</li> </ul> b. Data Transfer Rates: 10 Gbps c. Network Operation Mode: Full Duplex <b>d. Port: SFP</b>

## B. Storage

### 1. HDD Storage

AS READ	TO READ
a. At least 10TB capacity in a standard 3.5-inch form factor	1. HDD Storage a. At least <b>10TB raw</b> capacity in a standard 3.5-inch form factor.

### 2. SAS SSD Storage

AS READ	TO READ
b. Capacity: At least 480GB	b. Capacity ( <b>Raw</b> ): At least 480GB

## C. Access Switch

### 1. 24-Port Access Switch

AS READ	TO READ
a. Interface: IEEE 802.3 10BASE-T Ethernet, IEEE 802.3u 100BASE-TX Fast Ethernet, IEEE 802.3ab 1000BASE-T Gigabit Ethernet, 802.3ae 10 GbE, IEEE 802.3x Flow Control for Full-Duplex Mode, Auto-negotiation	<b><u>a. Interface: 24x(1000BASE-T) Gigabit Ethernet and 802.3ae 4x(10GbE) IEEE 802.3.</u></b>

### 2. 16-Port Access Switch

AS READ	TO READ
a. Interface: IEEE 802.3 10BASE-T Ethernet, IEEE 802.3u 100BASE-TX Fast Ethernet, IEEE 802.3ab 1000BASE-T Gigabit Ethernet, 802.3ae 10 GbE, IEEE 802.3x Flow Control for Full-Duplex Mode, Auto-negotiation	<b><u>a. Interface: 16x(1000BASE-T) Gigabit Ethernet, 802.3ae 2x(10GbE) IEEE 802.3 and 2x(1G SFP).</u></b>

QUERY	ANSWER
1. 24-ports Access switch Please confirm how many ports of 1Gbe and 10Gbe	24x(1000BASE-T) Gigabit Ethernet and 802.3ae 4x(10GbE) IEEE 802.3
2. 16-ports Access switch Please confirm how many ports of 1Gbe and 10Gbe.	16x(1000BASE-T) Gigabit Ethernet, 802.3ae 2x(10GbE) IEEE 802.3 and 2x(1G SFP)

#### D. Server License

AS READ	TO READ
1. At least Windows Server 2012 R2 License or equivalent	1. At least Windows Server 2012 R2 License or equivalent <b>(x2)</b>
2. Windows 10 Pro OEM	2. Windows 10 Pro OEM <b>(x3)</b>

QUERY	ANSWER
Item D. Server License 1. Windows Server 2012 R2 License or equivalent  2. Windows 10 Pro OEM  Please confirm how many virtual machines to be installed on the Data Server. Is it only the two OS, Windows Server and Windows 10? This will determine the quantity of VM License of Data Server	At least Windows Server 2012 R2 License or equivalent (x2)  Windows 10 Pro OEM (x3)

#### VIII. DELIVERY PERIOD

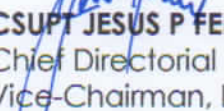
AS READ	TO READ
A. Delivery Period Within Sixty (60) calendar days upon receipt of Notice to Proceed.	A. Delivery Period <b><u>Within Ninety (90) calendar days after receipt of Notice to Proceed.</u></b>

### 3. OTHERS

QUERY	ANSWER
What is the capacity of the server and storage?	Server storage capacity: a. 200 TB (32 GB RAM required, for RAID 5 or RAID 6 groups only) b. 108 TB Hot Swappable Drive  Initial Storage requirement: 480Gbx8 = 3,840Gb
Will there be a RAID configuration?	Yes
How many HDD pieces are needed to reach the required capacity? Or is it up to the provider?	12 pcs 10TB HDD <i>(Note: This will be used for the Network Attached Storage)</i>

4. For the reference clock wherein the time for submission and opening of bid documents be based, shall be the clock of the Directorate for Logistics, 5<sup>th</sup> Floor, Bureau of Fire Protection – National Headquarters Building, Agham Road, Bagong Pag-asa, Quezon City.

5. For guidance and information of all concerned.

  
**CSUPT JESUS P FERNANDEZ, CESE**  
Chief Directorial Staff/  
Vice-Chairman, BFP-NHQ BAC