



Republic of the Philippines  
**PUBLIC ATTORNEY'S OFFICE**

Tanggapan ng Manananggol Pambayan  
Kagawaran ng Katarungan  
DOJ Agencies Building, NIA Road corner East Avenue, 1104 Quezon City

**Bids and Awards Committee**

**SUPPLEMENTAL BID BULLETIN No. 07-2020**

**Subject: REVISIONS ON TERMS OF REFERENCE, TECHNICAL SPECIFICATIONS, BID DATA SHEET AND ELIGIBILITY REQUIREMENTS FOR THE PROCUREMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY EQUIPMENT UNDER PURCHASE REQUEST NO. 656-11-2020**

**A) Changes: TERMS OF REFERENCE/TECHNICAL SPECIFICATIONS**

.FROM:

**LOT 1**

**Approved Budget for the Contract**

**(Php 10,867,515.31)**

**Delivery: 15 calendar days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items.**

ITEM	NO. OF UNITS	SPECIFICATION
Desktop computers (Php 6,242,668.50)	95	Processor Intel® Core™ i7-8700 Processor, 3.2GHz (12M Cache, up to 4.6 GHz) or higher  Memory DDR4 2666MHz 4G or higher  Storage 512gb 7200 rpm SATA or higher  Optical Drive DVD RW (Optional)  Ports "Front: 1x Headphone, 1x Microphone, 2x USB2.0, 2x USB 3.1 Gen 1  Rear: 1x RJ45 LAN, 1x HDMI, 1x VGA(D-Sub)-Out 1x DVI-D, 1x 7.1 Channel Audio (3 ports), 2x PS2, 1x Kensington lock, 1x Padlock, 2x USB2.0, 2x USB 3.1 Gen 1, 1x RS232 (COM Port)"

		<p>Accessories  USB wired keyboard; USB wired optical mouse with mouse pad; Power Cord; Camera(HD)</p> <p>Display  20" Display Bundled Monitor or higher</p> <p>Operating system  License MS Windows 10 Professional 64bit</p> <p>Warranty  3 years  -Parts and service  -Labor  -On site</p>
UPS Desktop (Php 378,993.00)	95	<p>Output Power Capacity  325 Watts/650VA</p> <p>Output Frequency  50/60 Hz +/-1 Hz</p> <p>Output Connections  2 Universal Receptacle</p> <p>Nominal Input Voltage  230V</p> <p>Maximum Input Current  5A</p> <p>Battery Type  Maintenance-free sealed Lead-Acid battery with suspended electrolyte leakproof</p> <p>Recharging Time  4 Hours or less</p> <p>Warranty  1 Year Warranty (Return to Dealer - Unit Exchange)</p>
Camera for DTR capturing (Php 833,238.00)	357	<p>Resolution  Full HD 1080P, 1920*1080 Pixels</p> <p>Lens Type  Full HD Glass Lens</p> <p>Focus Type  Fixed Focus</p> <p>Focus Range  60cm and Beyond</p> <p>Built-in Mic  Single Digital Mic.</p> <p>Output Format  MJPEG</p>

		<p>Frame Rate 30fps</p> <p>USB USB 2.0 or Higher</p> <p>Compatible OS Windows 7 /8 / 8.1 / 10, Mac OS, Linux OS, Android V6.0</p> <p>Warranty 1 year -Parts and service -Labor</p>
Fingerprint Scanner(USB Type) (Php 2,760,609.60)	357	<p>Connection USB 2.0 or Higher</p> <p>Supported OS Microsoft Windows (32-bit and 64-bit), Linux (32-bit and 64-bit), Android</p> <p>Resolution 512 ppi</p> <p>Image capture area (Platen size) 15 x 18 mm (0.6" x 0.7")</p> <p>Sensor type Optical</p> <p>Illumination Blue LEDs</p> <p>Warranty 1 year -Parts and service -Labor</p>
Office Productivity (Php 643,416.00)	95	Office 2019 Home and Student Edition (Perpetual)
External Hardrive 4TB (Php 8,590.21)	1	<p>Capacity 4 TB</p> <p>Interface USB 3.0</p> <p>Features automatic backup</p> <p>Hard Drive Type External hard drive</p> <p>External Drive Type Portable</p> <p>OS Required</p>

		Apple MacOS X 10.6 or later, Microsoft Windows Vista / 7 / 8 or later  Warranty 1 year -Parts -Labor
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**LOT 2**

**Approved Budget for the Contract  
(Php 4,164,795.00)**

**Delivery: 15 calendar days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items.**

ITEM	NO. OF UNITS	SPECIFICATION
Server w/ Windows Server 2019 (Php 2,106,000.00)	2	<p>Processor Intel Xeon 5218 (16 cores) 2.3 GHz or Higher</p> <p>I/O and Ports Network Options 2 x 10GbE</p> <p>Front Ports 1 x Dedicated iDRAC micro-USB 1 x USB 2.0 1 x USB 3.0; 6 x USB 2.0/3.0</p> <p>Memory 128 GB 2666 MT/s or Higher</p> <p>Memory Type LRDIMM</p> <p>Memory Module Slots 24 DDR4 DIMM slots (12 NVDIMM only) Supports registered ECC DDR4 DIMMs only</p> <p>Maximum RAM LRDIMM 3TB</p> <p>Management Embedded / At-the-Server iDRAC9 iDRAC RESTful API with Redfish iDRAC Direct Quick Sync 2 BLE/wireless module</p> <p>Open Manage Integrations BMC® Truesight; Microsoft® System Center Redhat® Ansible® Modules VMware® vCenter</p> <p>Security Cryptographically signed firmware Secure Boot</p>

	<p>Secure Erase  Silicon Root of Trust  System Lockdown (requires OpenManage Enterprise)  TPM 1.2/2.0, TCM 2.0 optional</p> <p>Supported Operating Systems  Canonical® Ubuntu® LTS  Citrix® Hypervisor®  Microsoft® Windows Server® LTSC with Hyper-V  Red Hat® Enterprise Linux  SUSE® Linux Enterprise Server  VMware® ESXi®</p> <p>Storage Controllers  Internal Controllers  PERC H330, H730p, H740p, HBA330, H330</p> <p>RAID  5+0</p> <p>Software RAID  S140</p> <p>External HBAs (non-RAID)  12Gbps SAS HBA</p> <p>External PERC (RAID)  H840</p> <p>Boot Optimized Storage Subsystem  HWRAID 2 x M.2 SSDs 120GB or 240 GB</p> <p>Accelerators  Up to four 300W and eight 150W GPUs  NVIDIA Tesla P100, P40, K80M, M60, M10, AMD S7150, S7150X2</p> <p>Slots  PCIe  8 x Gen 3 slots (4 x 8); 8 x Gen 3 slots (4 x 16)</p> <p>Video Card  1 x VGA</p> <p>Storage  Front Bays  Up to 8 or 18 x 3.5" SAS/SATA (HDD/SSD)  6 X 1TB HDD 10,000rpm, 12BGps</p> <p>Installed OS  Latest Microsoft® Windows Server®  Licensed 2019 Standard Core</p>
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		<p>(Perpetual license)</p> <p>Implementation Services Setup, Installation and Configuration that will support current setup of the Department (Network) Core License or with 5 CALs (Client Access License) Include physical, operating system and SQL installation (See ICS Quotation)</p> <p>Warranty 3 years -Parts -Labor -On site services</p>
UPS Server (Php 630,000.00)	2	<p>Output power capacity 4.5KWatts / 5.0kVA or Higher</p> <p>Output Voltage 230V</p> <p>Input Voltage 230V</p> <p>FORM FACTOR Rack/Tower</p> <p>Generator Compatible Yes</p> <p>Cold-Start capable Yes</p> <p>Interface Port(s) RJ-45 10/100 Base-T, RJ-45, USB</p> <p>Battery Charge Power (Watts) 560 Watts</p> <p>Battery Life 3 to 5 years or Higher</p> <p>Warranty 3 years -Parts -Labor -On site services</p> <p>Included the Installation, Setup and Configuration Yes</p>
Network Attached Storage (120-550 tb) (Php 1,209,000.00)	1	<p>Processor atleast 3.3GHz Quad Core</p> <p>Raid Support Single Disk, JBOD, RAID Levels: 0, 1, 5,</p>

		<p>6, 10, 50, 60, RAID Global Hot Spare, Expand Multiple Raid Group (vdev)</p> <p>RAM Min. 8GB DDR4 with ECC</p> <p>Capacity 120TB (expandable to 550TB), 12 Drive Bays, SATA/SSD 2.5"/3.5" Drives support, Hot Swappable Drives, Tool-less 3.5" disk installation</p> <p>Network Interface at least 4 Gigabit LAN Ports, optional 10Gbps LAN Optical SFP+, optional 10Gbps LAN Copper 10GBase-T</p> <p>Dimensions (DxWxH mm) 707 x 445 x 88</p> <p>Ports Atleast One (1) USB2.0, Two (2) USB3.0 ports</p> <p>Power requirements Dual Redundant Internal 550W, input 100-240VAC, 50-60Hz</p> <p>Number of Users Min. 40-80</p> <p>Certification and Compatibility Vmware vSphere ESXi 6.0</p> <p>Warranty period 5 years, with free 90-day complimentary technical support</p> <p>Inclusive 12 units of Storage disks (12TB, 7200RPM, 256MB) 8 x 5 Implementation Service Manday support Include manuals, power cord(s) and other peripherals.</p> <p>Implementation Services Setup, Installation and Configuration that will support current setup of the Department (Servers and Network)</p>
<p>Server Case Cabinet (Php 219,795.00)</p>	<p>1</p>	<p>Airflow FRONT-TO-REAR</p> <p>Color BLACK</p> <p>Material Steel</p>

		Model Network  Mounting Width 19"  Multi-compartment NO  Nema Rating NO  Overall Depth GREATER THAN 3' TO 4'  Overall Height GREATER THAN 6' TO 7'  Overall Width GREATER THAN 1' TO 2'  Rack Units 42U  Rail Style SQUARE-PUNCHED  Seismic Rating NO  Type FREE-STANDING Include installation  Warranty 1 year -Parts -Labor -On site services
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**LOT 3**

**Approved Budget for the Contract  
(Php 1,748,198.80)**

**Delivery: 15 days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items.**

ITEM	NO. OF UNITS	SPECIFICATION
SQL Server 2019 (Php 1,748,198.80)	8	Include installation and configuration

**LOT 4**

**Approved Budget for the Contract  
(Php 605,886.00)**

**Delivery: 15 days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items.**



ITEM	NO. OF UNITS	SPECIFICATION
Switches (Php 233,040.00)	2	Enclosure Type Desktop  Subtype Gigabit Ethernet  Ports 24 x 10/100/1000  Status Indicators Port duplex mode, power, link/activity  Cabling Type Ethernet 1000Base-T, Ethernet 100Base-TX, Ethernet 10Base-T  Subcategory network hubs and switches  Subtype Gigabit Ethernet  Form Factor Desktop  Type Switch  Connectivity Technology Wired  Ports Qty 24  INTERFACE PROVIDED Qty 24  Model 24-Port Gigabit Ethernet Switch  Packaged Quantity 1  Compatibility PC  PORTS Type 10/100/1000  PORTS Qty 24  Warranty 3 years

		-Parts and services -Labor
Firewall Appliance (Php 372,846.00)	1	Port 2 Wan, 1 DMZ port, 1 DMZ port, 7 internal ports  Includes Unified Threat Protection(UTP) Web Filtering Anti Spam Service Advanced Malware Protection Intrusion prevention system Application Control  Includes Setup, Installation and Configuration Yes  Warranty 3 years -Parts and services -Labor

**LOT 5**

**Approved Budget for the Contract**

**(Php 575,000.00)**

**Delivery: 15 days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items.**

ITEM	NO. OF UNITS	SPECIFICATION
Anti-virus (Php 575,000.00)	1	1,400 licenses/users  Anti-Ransomware Vulnerability Scan Patch Management Phishing Protection Browsing Protection Data Loss Prevention File Activity Monitoring Roaming Platform Asset Management IDS/IPS Protection Web Security and Web Filtering Advanced Device Control Application Control Firewall Protection Email Protection Spam Protection Tune-up  Supported OS: Windows, Mac and Linux Enterprise Endpoint Security with United Endpoint Management Console Systems Support and Acceptance : -Onsite installation support. -Minimum of two (2) hours response time,

		<p>from time receives the concerns through email or phone.</p> <ul style="list-style-type: none"> <li>-Quarterly visit and maintenance checkup.</li> <li>- Has the capability to update thru vendor's server</li> <li>- Includes setup, installation, configurations and trainings.</li> </ul>
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TO:

**LOT 1**

**Approved Budget for the Contract**

**(Php 10,867,515.31)**

**Delivery: 15 calendar days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items.**

ITEM	NO. OF UNITS	MINIMUM SPECIFICATIONS
Desktop computers (Php 6,242,668.50)	95	<p>Processor Intel® Core™ i7-8700 Processor, 3.2GHz (12M Cache, up to 4.6 GHz) or higher</p> <p>Memory DDR4 2666MHz 4G or higher</p> <p>Storage 512gb 7200 rpm SATA/SSD or higher</p> <p>Optical Drive DVD RW (Optional)</p> <p>Ports "Front: 1x Headphone, 1x Microphone, 2x USB2.0, 2x USB 3.1 Gen 1  Rear: 1x RJ45 LAN, 1x HDMI, 1x VGA(D-Sub)-Out 1x DVI-D, 1x 7.1 Channel Audio OR HD Audio (3 ports), 2x PS2, 1x Kensington lock OR 1x Padlock, 2x USB2.0, 2x USB 3.1 Gen 1,1x RS232 (COM Port)" OR Backward Compatibility Adaptor</p> <p>Accessories USB wired keyboard; USB wired optical mouse with mouse pad; Power Cord; Camera(HD)</p> <p>Display 20" Display Bundled Monitor or higher</p> <p>Operating system License MS Windows 10 Professional 64bit</p> <p>Warranty</p>

		<p>3 years</p> <ul style="list-style-type: none"> <li>-Parts and service</li> <li>-Labor</li> <li>-On site</li> </ul>
<p>UPS Desktop (Php 378,993.00)</p>	95	<p>Output Power Capacity 325 Watts/650VA</p> <p>Output Frequency 50/60 Hz +/-1 Hz</p> <p>Output Connections 2 Universal Receptacle</p> <p>Nominal Input Voltage 230V</p> <p>Maximum Input Current 5A</p> <p>Battery Type Maintenance-free sealed Lead-Acid battery with suspended electrolyte leakproof</p> <p>Recharging Time 4 Hours or less</p> <p>Warranty 1 Year Warranty (Return to Dealer - Unit Exchange)</p>
<p>Camera for DTR capturing (Php 833,238.00)</p>	357	<p>Resolution Full HD 1080P, 1920*1080 Pixels</p> <p>Lens Type Full HD Glass Lens</p> <p>Focus Type Fixed Focus</p> <p>Focus Range 60cm and Beyond</p> <p>Built-in Mic Single Digital Mic.</p> <p>Output Format MJPEG</p> <p>Frame Rate 30fps</p> <p>USB USB 2.0 or Higher</p> <p>Compatible OS Windows 7 /8 / 8.1 / 10, Mac OS, Linux OS, Android V6.0</p>

		<p>Warranty 1 year -Parts and service -Labor</p>
<p>Fingerprint Scanner(USB Type) (Php 2,760,609.60)</p>	357	<p>Connection USB 2.0 or Higher</p> <p>Supported OS Microsoft Windows (32-bit and 64-bit), Linux (32-bit and 64-bit), Android</p> <p>Resolution 512 ppi</p> <p>Image capture area (Platen size) 15 x 18 mm (0.6" x 0.7")</p> <p>Sensor type Optical</p> <p>Illumination Blue LEDs</p> <p>Warranty 1 year -Parts and service -Labor</p>
<p>Office Productivity (Php 643,416.00)</p>	95	<p>Office 2019 Home and Student Edition</p> <p><b>including installation, set-up and configuration</b></p>
<p>External Hardrive 4TB (Php 8,590.21)</p>	1	<p>Capacity 4 TB</p> <p>Interface USB 3.0</p> <p>Features automatic backup</p> <p>Hard Drive Type External hard drive</p> <p>External Drive Type Portable</p> <p>OS Required Apple MacOS X 10.6 or later, Microsoft Windows Vista / 7 / 8 or later</p> <p>Warranty 1 year -Parts -Labor</p>

**LOT 2**  
**Approved Budget for the Contract**  
**(Php 4,164,795.00)**

**Delivery: 15 calendar days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items.**

ITEM	NO. OF UNITS	MINIMUM SPECIFICATION
Server w/ Windows Server 2019 (Php 2,106,000.00)	2	<p>Processor Intel Xeon 5218 (16 cores) 2.3 GHz or Higher</p> <p>I/O and Ports Network Options 2 x 10GbE <b>Base T Port</b></p> <p>Front Ports 1 x Dedicated iDRAC micro-USB <b>6 x USB 2.0/3.0</b></p> <p>Memory 128 GB 2666 MT/s or Higher</p> <p>Memory Type LRDIMM</p> <p>Memory Module Slots 24 DDR4 DIMM slots (12 NVDIMM only) Supports registered ECC DDR4 DIMMs only</p> <p>Maximum RAM LRDIMM 3TB</p> <p>Management Embedded / At-the-Server iDRAC9 iDRAC RESTful API with Redfish iDRAC Direct Quick Sync 2 BLE/wireless module</p> <p>Open Manage Integrations BMC® Truesight; Microsoft® System Center Redhat® Ansible® Modules VMware® vCenter</p> <p>Security Cryptographically signed firmware Secure Boot Secure Erase Silicon Root of Trust System Lockdown (requires OpenManage Enterprise) TPM 1.2/2.0, TCM 2.0 optional</p> <p>Supported Operating Systems Canonical® Ubuntu® LTS Citrix® Hypervisor® Microsoft® Windows Server® LTSC with Hyper-V Red Hat® Enterprise Linux</p>

	<p>SUSE® Linux Enterprise Server VMware® ESXi®</p> <p>Storage Controllers Internal Controllers Either: PERC H330 or H730p or H740p or HBA330 or H330</p> <p>RAID 5+0</p> <p>Software RAID S140</p> <p>External HBAs (non-RAID) 12Gbps SAS HBA</p> <p>External PERC (RAID) H840</p> <p>Boot Optimized Storage Subsystem HWRAID 2 x M.2 SSDs 120GB or 240 GB</p> <p>Accelerators Up to four 300W and eight 150W GPUs NVIDIA Tesla P100, P40, K80M, M60, M10, AMD S7150, S7150X2</p> <p>Slots PCIe 8 x Gen 3 slots (4 x 8) or 8 x Gen 3 slots (4 x 16)</p> <p>Video Card 1 x VGA</p> <p>Storage Front Bays Up to 8 or 18 x 3.5" SAS/SATA (HDD/SSD) 6 X 1TB HDD 10,000rpm, 12BGps</p> <p>Installed OS Latest Microsoft® Windows Server® Licensed 2019 Standard Core (Perpetual license)</p> <p>Implementation Services Setup, Installation and Configuration that will support current setup of the Department (Network)</p> <p>Include manuals</p> <p>Core License</p>
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		<p>Include physical and operating system Installation</p> <p>Warranty 3 years -Parts -Labor -On site services</p>
<p>UPS Server (Php 630,000.00)</p>	2	<p>Output power capacity 4.5KWatts / 5.0kVA or Higher</p> <p>Output Voltage 230V</p> <p>Input Voltage 230V</p> <p>FORM FACTOR Rack/Tower</p> <p>Generator Compatible Yes</p> <p>Cold-Start capable Yes</p> <p>Interface Port(s) RJ-45 10/100 Base-T, RJ-45, USB</p> <p>Battery Charge Power (Watts) 560 Watts</p> <p>Battery Life 3 to 5 years or Higher</p> <p>Warranty 3 years -Parts -Labor -On site services</p> <p>Included the Installation, Setup and Configuration Yes</p>
<p>Network Attached Storage (120-550 tb) (Php 1,209,000.00)</p>	1	<p>Processor atleast 3.3GHz Quad Core</p> <p>Raid Support Single Disk, JBOD, RAID Levels: 0, 1, 5, 6, 10, 50, 60, RAID Global Hot Spare, Expand Multiple Raid Group (vdev)</p> <p>RAM Min. 8GB DDR4 with ECC</p> <p>Capacity 120TB (expandable to 550TB), 12 Drive</p>



		<p>Bays, SATA/SSD 2.5"/3.5" Drives support, Hot Swappable Drives, Tool-less 3.5" disk installation</p> <p>Network Interface at least 4 Gigabit LAN Ports, optional 10Gbps LAN Optical SFP+, optional 10Gbps LAN Copper 10GBase-T</p> <p>Dimensions (DxWxH mm) 707 x 445 x 88</p> <p>Ports Atleast One (1) USB2.0, Two (2) USB3.0 ports</p> <p>Power requirements Dual Redundant Internal 550W, input 100-240VAC, 50-60Hz</p> <p>Number of Users Min. 40-80</p> <p>Certification and Compatibility Vmware vSphere ESXi 6.0</p> <p>Warranty period 5 years, with free 90-day complimentary technical support</p> <p>Inclusive 12 units of Storage disks (12TB, 7200RPM, 256MB) 8 x 5 Implementation Service Manday support Include manuals, power cord(s) and other peripherals.</p> <p>Implementation Services Setup, Installation and Configuration that will support current setup of the Department (Servers and Network)</p>
<p>Server Case Cabinet (Php 219,795.00)</p>	<p>1</p>	<p>Airflow FRONT-TO-REAR</p> <p>Color BLACK</p> <p>Material Steel</p> <p>Model Network</p> <p>Mounting Width 19"</p> <p>Multi-compartment</p>

		NO  Nema Rating NO  Overall Depth GREATER THAN 3' TO 4'  Overall Height GREATER THAN 6' TO 7'  Overall Width GREATER THAN 1' TO 2'  Rack Units 42U  Rail Style SQUARE-PUNCHED  Seismic Rating NO  Type FREE-STANDING Include installation  Warranty 1 year -Parts -Labor -On site services
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**LOT 3**

**Approved Budget for the Contract  
(Php 1,748,198.80)**

**Delivery: 15 days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items.**

ITEM	NO. OF UNITS	MINIMUM SPECIFICATION
SQL Server 2019 (Php 1,748,198.80)	8	Microsoft SQL 2019 Standard Edition Core License Server  Include installation and configuration

**LOT 4**

**Approved Budget for the Contract  
(Php 605,886.00)**

**Delivery: 15 days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items.**

ITEM	NO. OF UNITS	MINIMUM SPECIFICATION
Switches (Php 233,040.00)	2	Enclosure Type Desktop or Rack Mountable

		<p>           Subtype            Gigabit Ethernet         </p> <p>           Ports            24 x 10/100/1000         </p> <p>           Status Indicators            Port duplex mode, power, link/activity         </p> <p>           Cabling Type            Ethernet 1000Base-T, Ethernet 100Base-TX, Ethernet 10Base-T         </p> <p>           Subcategory            network hubs and switches         </p> <p>           Subtype            Gigabit Ethernet         </p> <p>           Form Factor            Desktop         </p> <p>           Type            Switch         </p> <p>           Connectivity Technology            Wired         </p> <p>           Ports Qty            24         </p> <p>           INTERFACE PROVIDED Qty            24         </p> <p>           Model            24-Port Gigabit Ethernet Switch         </p> <p>           Packaged Quantity            1         </p> <p>           Compatibility            PC         </p> <p>           PORTS Type            10/100/1000         </p> <p>           PORTS Qty            24         </p> <p> <b>Manage Switch</b>  <b>Yes</b> </p> <p>           Warranty            3 years            -Parts and services            -Labor         </p>
Firewall Appliance	1	Port

(Php 372,846.00)		<p>2 Wan, 1 DMZ port, 7 internal ports</p> <p>Includes          Unified Threat Protection(UTP)              Web Filtering              Anti Spam Service              Advanced Malware Protection              Intrusion prevention system              Application Control</p> <p>Includes Setup, Installation and Configuration          Yes</p> <p>Warranty          3 years              -Parts and services              -Labor</p>
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**LOT 5**

**Approved Budget for the Contract  
 (Php 575,000.00)**

**Delivery: 15 days after issuance of notice to proceed.  
 Payment: Immediately after complete delivery of items.**

ITEM	NO. OF UNITS	MINIMUM SPECIFICATION
Anti-virus (Php 575,000.00)	1	<p>1,400 licenses/users</p> <p>Anti-Ransomware            Vulnerability Scan            Patch Management            Phishing Protection            Browsing Protection            Data Loss Prevention            File Activity Monitoring            Roaming Platform            Asset Management            IDS/IPS Protection            Web Security and Web Filtering            Advanced Device Control            Application Control            Firewall Protection            Email Protection            Spam Protection            Tune-up</p> <p>Supported OS: Windows, Mac and Linux            Enterprise Endpoint Security with            United Endpoint Management Console            Systems Support and Acceptance :            -Onsite installation support.            -Minimum of two (2) hours response time,            from time receives the concerns through            email or phone.            -Quarterly visit and maintenance checkup.            - Has the capability to update thru</p>

		vendor's server - Includes setup, installation, configurations and trainings.
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**B) Changes: BID DATA SHEET**

From:

20.2

“3. Certification issued by Head of the company or authorized representative, whether the prospective bidder is a manufacturer, supplier or distributor of the above items;”

To:

20.2

“3. Certification issued by Head of the company or authorized representative, whether the prospective bidder is a manufacturer, supplier or distributor of the above items and certification from the manufacturer that the bidder is an authorized seller/re-seller/distributor/dealer of the above items;”

**C) Changes: ELIGIBILITY REQUIREMENTS**

From:

“3. Certification from the manufacturer that the bidder is an authorized seller/re-seller/distributor/dealer of the above items;”

To:

3. Certification from the manufacturer that the bidder is an authorized seller/re-seller/distributor/dealer of the above items and certification issued by Head of the company or authorized representative, whether the prospective bidder is a manufacturer, supplier or distributor of the above item

**D) Changes: TECHNICAL SPECIFICATIONS**

From:

**LOT 1**

**PR No. 656-11-2020**  
**Approved Budget for the Contract**  
**(Php 10,867,515.31)**

**Delivery: 15 days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items and issuance of Inspection/Acceptance report by PAO inspection team.**

ITEM	NO. OF UNITS	SPECIFICATION	STATEMENT OF COMPLIANCE
Desktop computers (Php 6,242,668.50)	95	<p>Processor Intel® Core™ i7-8700 Processor, 3.2GHz (12M Cache, up to 4.6 GHz) or higher</p> <p>Memory DDR4 2666MHz 4G or higher</p> <p>Storage 512gb 7200 rpm SATA or higher</p> <p>Optical Drive DVD RW (Optional)</p> <p>Ports "Front: 1x Headphone, 1x Microphone, 2x USB2.0, 2x USB 3.1 Gen 1  Rear: 1x RJ45 LAN, 1x HDMI, 1x VGA(D-Sub)-Out 1x DVI-D, 1x 7.1 Channel Audio (3 ports), 2x PS2, 1x Kensington lock, 1x Padlock, 2x USB2.0, 2x USB 3.1 Gen 1, 1x RS232 (COM Port)"</p> <p>Accessories USB wired keyboard; USB wired optical mouse with mouse pad; Power Cord; Camera(HD)</p> <p>Display 20" Display Bundled Monitor or higher</p> <p>Operating system License MS Windows 10 Professional 64bit</p> <p>Warranty 3 years -Parts and service -Labor -On site</p>	<p><i>[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid</i></p>

			<i>under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</i>
UPS Desktop (Php 378,993.00)	95	<p>Output Power Capacity 325 Watts/650VA</p> <p>Output Frequency 50/60 Hz +/-1 Hz</p> <p>Output Connections 2 Universal Receptacle</p> <p>Nominal Input Voltage 230V</p> <p>Maximum Input Current 5A</p> <p>Battery Type Maintenance-free sealed Lead-Acid battery with suspended electrolyte leakproof</p> <p>Recharging Time 4 Hours or less</p> <p>Warranty 1 Year Warranty (Return to Dealer - Unit Exchange)</p>	
Camera for DTR capturing (Php 833,238.00)	357	<p>Resolution Full HD 1080P, 1920*1080 Pixels</p> <p>Lens Type Full HD Glass Lens</p> <p>Focus Type Fixed Focus</p>	

		<p>Focus Range 60cm and Beyond</p> <p>Built-in Mic Single Digital Mic.</p> <p>Output Format MJPEG</p> <p>Frame Rate 30fps</p> <p>USB USB 2.0 or Higher</p> <p>Compatible OS Windows 7 /8 / 8.1 / 10, Mac OS, Linux OS, Android V6.0</p> <p>Warranty 1 year -Parts and service -Labor</p>	
Fingerprint Scanner(USB Type) (Php 2,760,609.60)	357	<p>Connection USB 2.0 or Higher</p> <p>Supported OS Microsoft Windows (32-bit and 64-bit), Linux (32-bit and 64-bit), Android</p> <p>Resolution 512 ppi</p> <p>Image capture area (Platen size) 15 x 18 mm (0.6" x 0.7")</p> <p>Sensor type Optical</p> <p>Illumination Blue LEDs</p> <p>Warranty 1 year -Parts and service -Labor</p>	
Office Productivity (Php 643,416.00)	95	Office 2019 Home and Student Edition (Perpetual)	
External Harddrive 4TB (Php 8,590.21)	1	<p>Capacity 4 TB</p> <p>Interface USB 3.0</p>	



		<p>Features automatic backup</p> <p>Hard Drive Type External hard drive</p> <p>External Drive Type Portable</p> <p>OS Required Apple MacOS X 10.6 or later, Microsoft Windows Vista / 7 / 8 or later</p> <p>Warranty 1 year -Parts -Labor</p>	
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**LOT 2**

**Approved Budget for the Contract  
(Php 4,164,795.00)**

**Delivery: 15 calendar days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items and issuance of  
Inspection/Acceptance report by PAO inspection team.**

ITEM	NO. OF UNITS	SPECIFICATION	STATEMENT OF COMPLIANCE
Server w/ Windows Server 2019 (Php 2,106,000.00)	2	<p>Processor Intel Xeon 5218 (16 cores) 2.3 GHz or Higher</p> <p>I/O and Ports Network Options 2 x 10GbE</p> <p>Front Ports 1 x Dedicated iDRAC micro-USB 1 x USB 2.0 1 x USB 3.0; 6 x USB 2.0/3.0</p> <p>Memory 128 GB 2666 MT/s or Higher</p> <p>Memory Type LRDIMM</p> <p>Memory Module Slots 24 DDR4 DIMM slots (12 NVDIMM only) Supports registered ECC DDR4 DIMMs only</p> <p>Maximum RAM</p>	

		<p>LRDIMM 3TB</p> <p>Management  Embedded / At-the-Server iDRAC9  iDRAC RESTful API with Redfish  iDRAC Direct  Quick Sync 2 BLE/wireless module</p> <p>Open Manage Integrations  BMC® Truesight; Microsoft®  System Center  Redhat® Ansible® Modules  VMware® vCenter</p> <p>Security  Cryptographically signed firmware  Secure Boot  Secure Erase  Silicon Root of Trust  System Lockdown (requires  OpenManage Enterprise)  TPM 1.2/2.0, TCM 2.0 optional</p> <p>Supported Operating  Systems Canonical® Ubuntu® LTS  Citrix® Hypervisor®  Microsoft® Windows Server®  LTSC with Hyper-V  Red Hat® Enterprise Linux  SUSE® Linux Enterprise Server  VMware® ESXi®</p> <p>Storage Controllers  Internal Controllers  PERC H330, H730p, H740p,  HBA330, H330</p> <p>RAID  5+0</p> <p>Software RAID  S140</p> <p>External HBAs (non-RAID)  12Gbps SAS HBA</p> <p>External PERC (RAID)  H840</p> <p>Boot Optimized Storage  Subsystem  HWRAID 2 x M.2 SSDs 120GB or  240 GB</p> <p>Accelerators  Up to four 300W and eight 150W  GPUs</p>	
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		<p>NVIDIA Tesla P100, P40, K80M, M60, M10, AMD S7150, S7150X2</p> <p>Slots PCIe 8 x Gen 3 slots (4 x 8); 8 x Gen 3 slots (4 x 16)</p> <p>Video Card 1 x VGA</p> <p>Storage Front Bays Up to 8 or 18 x 3.5" SAS/SATA (HDD/SSD) 6 X 1TB HDD 10,000rpm, 12BGps</p> <p>Installed OS Latest Microsoft® Windows Server® Licensed 2019 Standard Core (Perpetual license)</p> <p>Implementation Services Setup, Installation and Configuration that will support current setup of the Department (Network) Include manuals Core License</p> <p>Include physical and operating system Installation</p> <p>Warranty 3 years -Parts -Labor -On site services</p>	
<p>UPS Server (Php 630,000.00)</p>	<p>2</p>	<p>Output power capacity 4.5KWatts / 5.0kVA or Higher</p> <p>Output Voltage 230V</p> <p>Input Voltage 230V</p> <p>FORM FACTOR Rack/Tower</p> <p>Generator Compatible Yes</p> <p>Cold-Start capable Yes</p>	

		<p>Interface Port(s) RJ-45 10/100 Base-T, RJ-45, USB</p> <p>Battery Charge Power (Watts) 560 Watts</p> <p>Battery Life 3 to 5 years or Higher</p> <p>Warranty 3 years -Parts -Labor -On site services</p> <p>Included the Installation, Setup and Configuration Yes</p>	
<p>Network Attached Storage (120-550 tb) (Php 1,209,000.00)</p>	1	<p>Processor atleast 3.3GHz Quad Core</p> <p>Raid Support Single Disk, JBOD, RAID Levels: 0, 1, 5, 6, 10, 50, 60, RAID Global Hot Spare, Expand Multiple Raid Group (vdev)</p> <p>RAM Min. 8GB DDR4 with ECC</p> <p>Capacity 120TB (expandable to 550TB), 12 Drive Bays, SATA/SSD 2.5"/3.5" Drives support, Hot Swappable Drives, Tool-less 3.5" disk installation</p> <p>Network Interface at least 4 Gigabit LAN Ports, optional 10Gbps LAN Optical SFP+, optional 10Gbps LAN Copper 10GBase-T</p> <p>Dimensions (DxWxH mm) 707 x 445 x 88</p> <p>Ports Atleast One (1) USB2.0, Two (2) USB3.0 ports</p> <p>Power requirements Dual Redundant Internal 550W, input 100-240VAC, 50-60Hz</p> <p>Number of Users Min. 40-80</p>	

		<p>Certification and Compatibility Vmware vSphere ESXi 6.0</p> <p>Warranty period 5 years, with free 90-day complimentary technical support</p> <p>Inclusive 12 units of Storage disks (12TB, 7200RPM, 256MB) 8 x 5 Implementation Service Manday support Include manuals, power cord(s) and other peripherals.</p> <p>Implementation Services Setup, Installation and Configuration that will support current setup of the Department (Servers and Network)</p>	
<p>Server Case Cabinet (Php 219,795.00)</p>	1	<p>Airflow FRONT-TO-REAR</p> <p>Color BLACK</p> <p>Material Steel</p> <p>Model Network</p> <p>Mounting Width 19"</p> <p>Multi-compartment NO</p> <p>Nema Rating NO</p> <p>Overall Depth GREATER THAN 3' TO 4'</p> <p>Overall Height GREATER THAN 6' TO 7'</p> <p>Overall Width GREATER THAN 1' TO 2'</p> <p>Rack Units 42U</p> <p>Rail Style SQUARE-PUNCHED</p> <p>Seismic Rating</p>	

		NO	
		Type FREE-STANDING Include installation	
		Warranty 1 year -Parts -Labor -On site services	

**LOT 3**

**Approved Budget for the Contract  
(Php 1,748,198.80)**

**Delivery: 15 days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items and issuance of  
Inspection/Acceptance report by PAO inspection team.**

ITEM	NO. OF UNITS	SPECIFICATION	STATEMENT OF COMPLIANCE
SQL Server 2019 (Php 1,748,198.80)	8	Include installation and configuration	

**LOT 4**

**Approved Budget for the Contract  
(Php 605,886.00)**

**Delivery: 15 days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items and issuance of  
Inspection/Acceptance report by PAO inspection team.**

ITEM	NO. OF UNITS	SPECIFICATION	STATEMENT OF COMPLIANCE
Switches (Php 233,040.00)	2	Enclosure Type Desktop  Subtype Gigabit Ethernet  Ports 24 x 10/100/1000  Status Indicators Port duplex mode, power, link/activity  Cabling Type Ethernet 1000Base-T, Ethernet 100Base-TX, Ethernet 10Base-T  Subcategory	

		<p>network hubs and switches</p> <p>Subtype Gigabit Ethernet</p> <p>Form Factor Desktop</p> <p>Type Switch</p> <p>Connectivity Technology Wired</p> <p>Ports Qty 24</p> <p>INTERFACE PROVIDED Qty 24</p> <p>Model 24-Port Gigabit Ethernet Switch</p> <p>Packaged Quantity 1</p> <p>Compatibility PC</p> <p>PORTS Type 10/100/1000</p> <p>PORTS Qty 24</p> <p>Warranty 3 years -Parts and services -Labor</p>	
<p>Firewall Appliance (Php 372,846.00)</p>	1	<p>Port 2 Wan, 1 DMZ port, 1 DMZ port, 7 internal ports</p> <p>Includes Unified Threat Protection(UTP) Web Filtering Anti Spam Service Advanced Malware Protection Intrusion prevention system Application Control</p> <p>Includes Setup, Installation and Configuration Yes</p> <p>Warranty</p>	

		3 years -Parts and services -Labor	
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**LOT 5**  
**Approved Budget for the Contract**  
**(Php 575,000.00)**

**Delivery: 15 days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items and issuance of Inspection/Acceptance report by PAO inspection team.**

ITEM	NO. OF UNITS	SPECIFICATION	STATEMENT OF COMPLIANCE
Anti-virus (Php 575,000.00)	1	1,400 licenses/users  Anti-Ransomware Vulnerability Scan Patch Management Phishing Protection Browsing Protection Data Loss Prevention File Activity Monitoring Roaming Platform Asset Management IDS/IPS Protection Web Security and Web Filtering Advanced Device Control Application Control Firewall Protection Email Protection Spam Protection Tune-up  Supported OS: Windows, Mac and LinuxEnterprise Endpoint Security with United Endpoint Management Console Systems Support and Acceptance :  -Onsite installation support. -Minimum of two (2) hours response time, from time receives the concerns through email or phone. -Quarterly visit and maintenance checkup. - Has the capability to update thru vendor's server - Includes setup, installation, configurations and trainings.	



To:

**LOT 1**

**Approved Budget for the Contract**

**(Php 10,867,515.31)**

**Delivery: 15 calendar days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items.**

ITEM	NO. OF UNITS	MINIMUM SPECIFICATIONS	STATEMENT OF COMPLIANCE
Desktop computers (Php 6,242,668.50)	95	<p>Processor Intel® Core™ i7-8700 Processor, 3.2GHz (12M Cache, up to 4.6 GHz) or higher</p> <p>Memory DDR4 2666MHz 4G or higher</p> <p>Storage 512gb 7200 rpm SATA/SSD or higher</p> <p>Optical Drive DVD RW (Optional)</p> <p>Ports "Front: 1x Headphone, 1x Microphone, 2x USB2.0, 2x USB 3.1 Gen 1</p> <p>Rear: 1x RJ45 LAN, 1x HDMI, 1x VGA(D-Sub)-Out 1x DVI-D, 1x 7.1 Channel Audio or HD Audio (3 ports), 2x PS2, 1x Kensington lock or 1x Padlock, 2x USB2.0, 2x USB 3.1 Gen 1, 1x RS232 (COM Port) or Backward compatibility adaptor"</p> <p>Accessories USB wired keyboard; USB wired optical mouse with mouse pad; Power Cord; Camera(HD)</p> <p>Display 20" Display Bundled Monitor or higher</p> <p>Operating system License MS Windows 10 Professional 64bit</p>	<p><i>[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not</i></p>

		<p>Warranty 3 years -Parts and service -Labor -On site</p>	<p><i>supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</i></p>
<p>UPS Desktop (Php 378,993.00)</p>	95	<p>Output Power Capacity 325 Watts/650VA</p> <p>Output Frequency 50/60 Hz +/-1 Hz</p> <p>Output Connections 2 Universal Receptacle</p> <p>Nominal Input Voltage 230V</p> <p>Maximum Input Current 5A</p> <p>Battery Type Maintenance-free sealed Lead-Acid battery with suspended electrolyte leakproof</p> <p>Recharging Time 4 Hours or less</p> <p>Warranty 1 Year Warranty (Return to Dealer - Unit Exchange)</p>	<p><i>supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</i></p>
<p>Camera for DTR capturing (Php 833,238.00)</p>	357	<p>Resolution Full HD 1080P, 1920*1080 Pixels</p> <p>Lens Type Full HD Glass Lens</p> <p>Focus Type Fixed Focus</p> <p>Focus Range 60cm and Beyond</p> <p>Built-in Mic Single Digital Mic.</p> <p>Output Format MJPEG</p>	

		<p>Frame Rate 30fps</p> <p>USB USB 2.0 or Higher</p> <p>Compatible OS Windows 7 / 8 / 8.1 / 10, Mac OS, Linux OS, Android V6.0</p> <p>Warranty 1 year -Parts and service -Labor</p>	
<p>Fingerprint Scanner(USB Type) (Php 2,760,609.60)</p>	357	<p>Connection USB 2.0 or Higher</p> <p>Supported OS Microsoft Windows (32-bit and 64-bit), Linux (32-bit and 64-bit), Android</p> <p>Resolution 512 ppi</p> <p>Image capture area (Platen size) 15 x 18 mm (0.6" x 0.7")</p> <p>Sensor type Optical</p> <p>Illumination Blue LEDs</p> <p>Warranty 1 year -Parts and service -Labor</p>	
<p>Office Productivity (Php 643,416.00)</p>	95	<p>Office 2019 Home and Student including installation, set-up and configuration</p>	
<p>External Harddrive 4TB (Php 8,590.21)</p>	1	<p>Capacity 4 TB</p> <p>Interface USB 3.0</p> <p>Features automatic backup</p> <p>Hard Drive Type External hard drive</p> <p>External Drive Type Portable</p>	

		OS Required Apple MacOS X 10.6 or later, Microsoft Windows Vista / 7 / 8 or later  Warranty 1 year -Parts -Labor	
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**LOT 2**

**Approved Budget for the Contract  
(Php 4,164,795.00)**

**Delivery: 15 calendar days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items.**

ITEM	NO. OF UNITS	MINIMUM SPECIFICATION	STATEMENT OF COMPLIANCE
Server w/ Windows Server 2019 (Php 2,106,000.00)	2	Processor Intel Xeon 5218 (16 cores) 2.3 GHz or Higher  I/O and Ports Network Options 2 x 10GbE <b>Base T Port</b>  Front Ports 1 x Dedicated iDRAC micro- USB <b>6 x USB 2.0/3.0</b>  Memory 128 GB 2666 MT/s or Higher  Memory Type LRDIMM  Memory Module Slots 24 DDR4 DIMM slots (12 NVDIMM only) Supports registered ECC DDR4 DIMMs only  Maximum RAM LRDIMM 3TB  Management Embedded / At-the-Server iDRAC9 iDRAC RESTful API with Redfish iDRAC Direct Quick Sync 2 BLE/wireless module	

	<p>Open Manage Integrations  BMC® Truesight; Microsoft® System Center  Redhat® Ansible® Modules  VMware® vCenter</p> <p>Security  Cryptographically signed firmware  Secure Boot  Secure Erase  Silicon Root of Trust  System Lockdown (requires OpenManage Enterprise)  TPM 1.2/2.0, TCM 2.0 optional</p> <p>Supported Operating Systems  Canonical® Ubuntu® LTS  Citrix® Hypervisor®  Microsoft® Windows Server® LTSC with Hyper-V  Red Hat® Enterprise Linux  SUSE® Linux Enterprise Server  VMware® ESXi®</p> <p>Storage Controllers  Internal Controllers  Either:  PERC H330 or H730p or H740p or HBA330 or H330</p> <p>RAID  5+0</p> <p>Software RAID  S140</p> <p>External HBAs (non-RAID)  12Gbps SAS HBA</p> <p>External PERC (RAID)  H840</p> <p>Boot Optimized Storage Subsystem  HWRAID 2 x M.2 SSDs  120GB or 240 GB</p> <p>Accelerators  Up to four 300W and eight 150W GPUs  NVIDIA Tesla P100, P40, K80M, M60, M10, AMD S7150, S7150X2</p>	
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		<p>Slots PCIe 8 x Gen 3 slots (4 x 8) <b>or</b> 8 x Gen 3 slots (4 x 16)</p> <p>Video Card 1 x VGA</p> <p>Storage Front Bays Up to 8 or 18 x 3.5" SAS/SATA (HDD/SSD) 6 X 1TB HDD 10,000rpm, 12BGps</p> <p>Installed OS Latest Microsoft® Windows Server® Licensed 2019 Standard Core (Perpetual license)</p> <p>Implementation Services Setup, Installation and Configuration that will support current setup of the Department (Network) <b>Include manuals</b> <b>Core License</b></p> <p><b>Include physical and operating system Installation</b></p> <p>Warranty 3 years -Parts -Labor -On site services</p>	
<p>UPS Server (Php 630,000.00)</p>	<p>2</p>	<p>Output power capacity 4.5KWatts / 5.0kVA or Higher</p> <p>Output Voltage 230V</p> <p>Input Voltage 230V</p> <p>FORM FACTOR Rack/Tower</p> <p>Generator Compatible Yes</p> <p>Cold-Start capable Yes</p> <p>Interface Port(s)</p>	

		<p>RJ-45 10/100 Base-T, RJ-45, USB</p> <p>Battery Charge Power (Watts)</p> <p>560 Watts</p> <p>Battery Life</p> <p>3 to 5 years or Higher</p> <p>Warranty</p> <p>3 years</p> <ul style="list-style-type: none"> <li>-Parts</li> <li>-Labor</li> <li>-On site services</li> </ul> <p>Included the Installation, Setup and Configuration</p> <p>Yes</p>	
<p>Network Attached Storage (120-550 tb)</p> <p>(Php 1,209,000.00)</p>	1	<p>Processor</p> <p>atleast 3.3GHz Quad Core</p> <p>Raid Support</p> <p>Single Disk, JBOD, RAID Levels: 0, 1, 5, 6, 10, 50, 60, RAID Global Hot Spare, Expand Multiple Raid Group (vdev)</p> <p>RAM</p> <p>Min. 8GB DDR4 with ECC</p> <p>Capacity</p> <p>120TB (expandable to 550TB), 12 Drive Bays, SATA/SSD 2.5"/3.5" Drives support, Hot Swappable Drives, Tool-less 3.5" disk installation</p> <p>Network Interface</p> <p>at least 4 Gigabit LAN Ports, optional 10Gbps LAN Optical SFP+, optional 10Gbps LAN Copper 10GBase-T</p> <p>Dimensions (DxWxH mm)</p> <p>707 x 445 x 88</p> <p>Ports Atleast</p> <p>One (1) USB2.0, Two (2) USB3.0 ports</p> <p>Power requirements</p> <p>Dual Redundant Internal 550W, input 100-240VAC, 50-60Hz</p>	

		<p>Number of Users Min. 40-80</p> <p>Certification and Compatibility</p> <p>Vmware vSphere ESXi 6.0</p> <p>Warranty period 5 years, with free 90-day complimentary technical support</p> <p>Inclusive 12 units of Storage disks (12TB, 7200RPM, 256MB) 8 x 5 Implementation Service Manday support Include manuals, power cord(s) and other peripherals.</p> <p>Implementation Services Setup, Installation and Configuration that will support current setup of the Department (Servers and Network)</p>	
<p>Server Case Cabinet (Php 219,795.00)</p>	1	<p>Airflow FRONT-TO-REAR</p> <p>Color BLACK</p> <p>Material Steel</p> <p>Model Network</p> <p>Mounting Width 19"</p> <p>Multi-compartment NO</p> <p>Nema Rating NO</p> <p>Overall Depth GREATER THAN 3' TO 4'</p> <p>Overall Height GREATER THAN 6' TO 7'</p> <p>Overall Width GREATER THAN 1' TO 2'</p>	



		Rack Units 42U  Rail Style SQUARE-PUNCHED  Seismic Rating NO  Type FREE-STANDING Include installation  Warranty 1 year -Parts -Labor -On site services	
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**LOT 3**

**Approved Budget for the Contract  
(Php 1,748,198.80)**

**Delivery: 15 days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items.**

ITEM	NO. OF UNITS	MINIMUM SPECIFICATION	STATEMENT OF COMPLIANCE
SQL Server 2019 (Php 1,748,198.80)	8	Microsoft SQL 2019 Standard Edition Core License Server  Include installation and configuration	

**LOT 4**

**Approved Budget for the Contract  
(Php 605,886.00)**

**Delivery: 15 days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items.**

ITEM	NO. OF UNITS	MINIMUM SPECIFICATION	STATEMENT OF COMPLIANCE
Switches (Php 233,040.00)	2	Enclosure Type Desktop or Rack Mountable  Subtype Gigabit Ethernet  Ports 24 x 10/100/1000  Status Indicators Port duplex mode, power, link/activity	

		<p>Cabling Type Ethernet 1000Base-T, Ethernet 100Base-TX, Ethernet 10Base-T</p> <p>Subcategory network hubs and switches</p> <p>Subtype Gigabit Ethernet</p> <p>Form Factor Desktop</p> <p>Type Switch</p> <p>Connectivity Technology Wired</p> <p>Ports Qty 24</p> <p>INTERFACE PROVIDED Qty 24</p> <p>Model 24-Port Gigabit Ethernet Switch</p> <p>Packaged Quantity 1</p> <p>Compatibility PC</p> <p>PORTS Type 10/100/1000</p> <p>PORTS Qty 24</p> <p>Managed Switch Yes</p> <p>Warranty 3 years -Parts and services -Labor</p>	
Firewall Appliance (Php 372,846.00)	1	<p>Port 2 Wan, 1 DMZ port, 7 internal ports</p> <p>Includes Unified Threat Protection(UTP) Web Filtering</p>	

		Anti Spam Service Advanced Malware Protection Intrusion prevention system Application Control  Includes Setup, Installation and Configuration Yes  Warranty 3 years -Parts and services -Labor	
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**LOT 5**

**Approved Budget for the Contract  
(Php 575,000.00)**

**Delivery: 15 days after issuance of notice to proceed.**

**Payment: Immediately after complete delivery of items.**

ITEM	NO. OF UNITS	<b>MINIMUM</b> SPECIFICATION	STATEMENT OF COMPLIANCE
Anti-virus (Php 575,000.00)	1	1,400 licenses/users  Anti-Ransomware Vulnerability Scan Patch Management Phishing Protection Browsing Protection Data Loss Prevention  File Activity Monitoring  Roaming Platform Asset Management IDS/IPS Protection Web Security and Web Filtering Advanced Device Control  Application Control Firewall Protection Email Protection Spam Protection Tune-up  Supported OS: Windows, Mac and LinuxEnterprise Endpoint Security with United Endpoint Management Console  Systems Support and Acceptance : -Onsite installation	

		<p>support.</p> <ul style="list-style-type: none"> <li>-Minimum of two (2) hours response time, from time receives the concerns through email or phone.</li> <li>-Quarterly visit and maintenance checkup.</li> <li>- Has the capability to update thru vendor's server</li> <li>- Includes setup, installation, configurations and trainings.</li> </ul>	
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**Quezon City, Metro Manila**

**03 December 2020**

ORIGINAL SIGNED  
**ATTY. MARLON E. BUAN**  
 PBAC Chairperson