



Republic of the Philippines  
Professional Regulation Commission  
**Bids and Awards Committee**  
**Central Office**

P. Paredes St., Sampaloc, Metro Manila  
Tel. Fax: 5-310-0037  
Email: bac@prc.gov.ph



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**Section VII. Technical Specifications**

Lot No.	Qty	Specification	Statement of Compliance Statements of "Comply" or "Not Comply"
Lot 1	1 unit	<p><b>I. Technical Requirements / Specifications</b></p> <p>The supplier/bidder must be able to provide the following minimum specifications:</p> <ol style="list-style-type: none"> <li>Processor: 2x - 3rd generation Intel Xeon Gold 5318Y 24C 165W 2.1GHz</li> <li>Memory: 128GB (4x 32GB TruDDR4 3200 MHz)</li> <li>Network Interface: 1GbE 4-port OCP network adapter or its equivalent 1GbE 4-port PCIE network adapter</li> <li>Storage: 6x 1.92TB 2.5-inch SATA 6GB SSD hot-swap 2x 960GB M.2 or 2x 1TB SATA SSD</li> <li>Disk drive bays: 24x 2.5-inch hot-swap drive bays</li> <li>Form Factor: 2U</li> <li>Ports: <ul style="list-style-type: none"> <li>Front: <ul style="list-style-type: none"> <li>1x USB 3.2 Gen1 port</li> <li>1x USB 2.0 port</li> </ul> </li> <li>Rear: <ul style="list-style-type: none"> <li>Minimum of 2x USB 3.2 Gen1 ports,</li> <li>1x VGA video port</li> </ul> </li> </ul> </li> <li>Storage Controller: <ul style="list-style-type: none"> <li>12x Onboard SATA ports (Intel VROC SATA RAID, formerly known as Intel RSTe RAID)</li> <li>12 Gb SAS/SATA RAID adapters or its equivalent RAID adapter that can accommodate 24 storage drives</li> </ul> </li> <li>Cooling System: 4x 80mm/8cm hot-swap fan or 6x 60mm/6cm hot-swap fan</li> <li>Power Supply: 2x 750w Hot-swap Titanium PSU</li> <li>Operating System: Licensed Windows Server 2022</li> </ol>	



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**II. Supplier/Bidder Requirements and Qualifications**

12. The winning bidder shall provide 24/7 technical support and shall provide a central toll-free hotline number and e-mail address for their technical support.
13. The winning bidder shall provide on-site support service and not carry-in to service centers on the next business day after the final remote diagnosis for delivered items in PRC-Central Office.
14. The following documents shall be submitted along with the other technical eligibility requirements:
  - a. Proof/certificate that the unit/model offered is current and not in "end of life" as reflected in the current product line in the manufacturer's official website/brochure; and
  - b. Copy of valid company IDs and certificates of the on-site support engineers and technicians showing that they can support the products offered.

**III. Warranties**

The supplier shall provide three (3)-year warranty on parts and services.

The warranty shall commence upon issuance of Notice of Acceptance of the end-user.



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**Lot 2**

**4 units**

**I. Technical Requirements / Specifications**

Description	Specifications
Form Factor	2U 2.5" Chassis with 24 Bays
Processor	At least 2x Intel Xeon Gold 5318Y 24C 165W 2.1GHz Processor or its equivalent
Memory	At least 8 x 32GB TruDDR4 3200 MHz (2Rx4 1.2V) RDIMM
Hard Drives	At least 2x 2.5" 1.2TB 15K SAS 12Gb Hot Swap 512n HDD
HBA/RAID Support	At least RAID 540-8i PCIe Gen4 12Gb Adapter At least 16Gb Enhanced Gen5 FC Single-port HBA
Ethernet	1GbE RJ45 4-port OCP Ethernet Adapter 2x PCIe 1Gb 4-Port RJ45 Ethernet Adapter
Power Supply	2x 750W(230V/115V) Platinum Hot-Swap Power Supply
Riser	At least 2x 2U PCIe Gen4 x16/x8/x8 Riser 1 or 2
Cables	4.3m, 13A/100-250V, C13 to C14 Rack Power Cable 3m LC-LC OM3 MMF Cable

**II. Supplier/Bidder Requirements and Qualifications**

- The winning bidder shall provide supply, delivery, installation, and configuration of the Four (4) Units Rackmount Server (Virtualization Server) for the Existing PRC Data Center Implementation including Assembly, Power – up, Rack Installation, RAID Configuration, Disk Partitioning, OS Installation, Network Patching, Software Management Configuration – Per Server and Cable Harnessing.

On-site support service, and not carry-in to service centers, will be provided by the Manufacturer on the next two (2) business days (within 48 hours) after the final remote diagnosis for delivered items within Metro Manila.

- The following certifications/proof shall be submitted along with the other technical eligibility requirements:
  - Proof that the winning bidder is a Platinum Partner for the existing virtualization solution of PRC;
  - Proof that the winning bidder is a Certified Data Center Technical Sales Professional for the existing virtualization solution of PRC;
  - Proof that the winning bidder has two (2) VMware Certified Advance Professional (VCAP) Data Center Virtualization (names and certifications); and





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		<p>d. Proof that the winning bidder has four (4) VMware Certified Professionals (VCP) for Server Virtualization (names and certifications);</p> <p>e. Proof that the engineers named in the required proof/certificates referred to in Items (c) and (d) are employees of the winning bidder (certificate of employment, letter from the winning bidder's Human Resource Department).</p> <p>3. The winning bidder shall submit a Certificate or a proof of request thereof from the National Privacy Commission. This requirement may be submitted at any time during the contract implementation.</p> <p>4. The winning bidder shall have its own TIER 2 data center for their cloud services and infrastructure running on similar virtualization for disaster recovery and future cloud migration.</p> <p>5. The winning bidder shall be capable of 24x7 support coverage with Service Desk Ticketing System in place to ensure the capability to monitor the project lifecycle management.</p> <p><b>III. Warranties</b></p> <p>The winning bidder shall provide a three (3)-year warranty with 24x7, 4-hour Response Time with YDYD (Your Drive, Your Data).</p> <p>The warranty shall commence upon issuance of the Notice of Acceptance by the end-user.</p>	
Lot 3	6 units	<p><b>I. Technical Requirements / Specifications</b></p> <p>The supplier/bidder must be able to provide the following minimum specifications:</p> <ol style="list-style-type: none"> <li>1. Form Factor: At least 2U Rackmount Server</li> <li>2. Processor: At least 2x Intel Xeon Silver 4310T 10C 105W 2.3GHz Processor or its equivalent</li> <li>3. Memory: Must have 4x 64GB 3200MHz 32 DIMM slots with two processors (16 DIMM slots per processor). Each processor has 8 memory channels, with 2 DIMMs per channel (DPC). Can support up to 8TB by using 32x 256GB 3DS DIMMs</li> </ol>	



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4. Drive bays: Must support SAS/SATA/NVMe drives, must have a minimum of 8x 2.5" Drive Bays
5. Storage drive: At least 4x 1.2TB 10K SAS HDD
6. RAID Controller: Support for RAID 0, 1, 10, 5, 50, 6 and 60 standard
  - Must have 4GB Cache
  - Support of intermixing of 12Gbps and 6Gbps drives
  - Support for up to 240 virtual drives per controller, 16 virtual drives per drive group
  - Configurable stripe size up to 1 MB
  - S.M.A.R.T. support.
7. PCIe Slots: Must support up to 8x PCIe 4.0 slots, all full height slots and with rear access, plus a slot dedicated to the OCP adapter.
8. GPU: Supports up to 8x single-wide GPUs or up to 3x double-wide GPUs
9. Network: Must have at least 4-ports 1GbE Base-T OCP
  - Must have 1x 10/100/1000 Mb dedicated management port
10. Power Supply: Must have at least 2x 750W Platinum Redundant Power Supply
11. Power Cable: 2.8m, 13A/100-250V, C13 to C14 Jumper Cord
12. Operating System: 'Windows Server 2022 Standard ROK (total of 24 core license) – MultiLang
13. Security: 'Must have but not limited to the following security features:  
Chassis intrusion switch, Power-on password, Administrator's password, Root of Trust module supporting TPM 2.0 and Platform Firmware Resiliency (PFR).
14. Accessories: Keyboard and Mouse

**II. Supplier/Bidder Requirements and Qualifications**

1. The winning bidder shall provide a central customer service hotline number and email address.
2. The winning bidder shall provide a one (1)-year on-site support service in the concerned Regional Office, and not carry-in to service centers, which will be provided by the Manufacturer in the next





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	<p>two (2) business days (within 48 hours) after the final remote diagnosis.</p> <ul style="list-style-type: none"><li>• Bidders with regional support centers are preferred.</li></ul> <p>3. The following certifications/proof shall be submitted along with the other technical eligibility requirements:</p> <ol style="list-style-type: none"><li>a. Proof that the winning bidder has at least three (3) certified support engineers for the brand offered; and</li><li>b. Manufacturer or Reseller Certificate from the Manufacturer or Distributor.</li></ol> <p><b>III. Warranties (Parts)</b></p> <p>In addition to the on-site support service as provided above, the winning bidder shall provide a three (3)-year warranty on the parts with 24x7, 4-hour Response Time with YDYD (Your Drive, Your Data).</p> <p>The warranty shall commence upon issuance of the Notice of Acceptance by the end-user.</p>	
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1. Compliance with the statements must be supported by evidence in a Bidder's Bid and cross-referenced to that evidence. Evidence shall be in the form of the manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data, brochures, etc., as appropriate.
2. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection.
3. 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 provisions of ITB Clause 4.

**ACKNOWLEDGMENT AND COMPLIANCE WITH THE TERMS OF  
REFERENCE FOR THE EARLY PROCUREMENT ACTIVITY FOR  
VARIOUS RACKMOUNT SERVER (3 LOTS)**

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SIGNATURE OVER PRINTED NAME  
OF AUTHORIZED REPRESENTATIVE,  
DESIGNATION AND PRINTED NAME OF COMPANY