

PROCUREMENT FOR SUPPLY, DELIVERY, INSTALLATION AND CONFIGURATION OF DATA CENTER CORE COMPONENTS

ABC – Php8,500,000.00

Item	Specification	Comments
I. GENERAL REQUIREMENTS		
	1. The bidder must be a valid registered IT company/organization in existence for a minimum of ten (10) years	
	2. The bidder must have at least five (5) years' experience in supply, delivery, and installation ICT equipment within the Government Sector	
	3. The bidder must have a completed Single Largest Contract of similar nature within the last 2 years amounting to at least fifty percent 50% of the ABC of the item being bid.	
	4. The service provider must have certification that they are certified reseller or partner of the proposed solution for servers, storage, switch, backup software, and remote access server a from the manufacturer or from authorized distributor.	
	5. The bidder must be Platinum PhiGeps accredited.	
II. TECHNICAL REQUIREMENTS		
Servers	4 Units	
	<p>The server must have the following minimum specifications:</p> <ol style="list-style-type: none"> 1. 2 x Intel Xeon Gold 6330 2G, 28C/56T, 11.2GT/s, 42M Cache, Turbo, HT (205W) DDR4-2933 2. 16 x 32GB RDIMM, 3200MT/s, Dual Rank 16Gb BASE 3. 2 x 960GB SSD SATA Read Intensive 6Gbps 512e 2.5in Hot Plug S4510 Drive, 1 DWPD, 4. 2 x Hot-Plug, Power Supply Redundant (1+1), 1400W, Mixed Mode 5. 2 x Jumper Cord - C13/C14, 4M, 250V, 10A (US, EU, TW, APCC countries except ANZ) 6. Broadcom 57414 Dual Port 10/25GbE SFP28, OCP NIC 3.0 7. PERC H745 Controller, Front 8. Standard Fan x6 V3 9. ReadyRails Sliding Rails 10. Cable Management Arm, 2U 11. Basic Next Business Day 36 Months-ACDTS port Plus and Next Business Day Onsite Service-ACDTS Initial, 36 Month(s) 	

PROCUREMENT FOR SUPPLY, DELIVERY, INSTALLATION AND CONFIGURATION OF DATA CENTER CORE COMPONENTS

ABC – Php8,500,000.00

Storage	2 Units	
	<p>The storage must have the following minimum specifications:</p> <ol style="list-style-type: none"> 1. 2 x Intel Xeon Silver 4208 2.1G, 8C/16T, 9.6GT/s, 11M Cache, Turbo, HT (85W) DDR4-2400 2. 2U LCD Bezel 3. 4 x 8GB RDIMM, 3200MT/s, Single Rank 3200MT/s RDIMMs 4. 10 x 8TB 7.2K RPM SAS 12Gbps 512e 3.5in Hot-plug Hard Drive 5. 2 x 600GB 10K RPM SAS 12Gbps 512n 2.5in Flex Bay Hard Drive, 3.5in HYB CARR 6. PERC H730P RAID Controller, 2GB NV Cache, Mini card 7. 6 x Performance Fans forR740/740XD 8. 2 x 1U Pipe Low Profile Heatsink 9. 2 x Hot-plug, Redundant Power Supply (1+1), 750W 10. 2 x Powercord,125 Volt,15Amp,10 Foot, C13 to NEMA 5-15 11. Windows Storage Server Standard Edition 12. Broadcom 5720 Quad Port 1GbE BASE-T, rNDC 13. Windows Storage Servers 2016 Standard Edition 14. ReadyRails Sliding Rails with Cable Management Arm 	
Switch	2 Units	
	<p>The layer 3 switch must have the following minimum specifications:</p> <ol style="list-style-type: none"> 1. Description: 24x ports 10/100/1000 BaseT ports 2. Power Supplies: Two (2) field-replaceable, hot swappable power supply. 3. Fans: Two (2) fan tray slots field replaceable and hot swappable. 4. CPU: Quad Core ARM Cortex™ A72 @ 1.8GHz 5. Memory / Flash: 8 GB DDR4 / 32 GB eMMC 6. Dimensions: (H) 4.4 cm x, (W) 44.2 cm x, (D) 38.5 cm (1.73" x 17.4" x 15.2") 7. Configuration Weight: 5.43 kg (11.97 lbs.) 	
Server Operating System	10 License	
	<p>Latest Standard Server Operating System must have the following capabilities:</p> <ol style="list-style-type: none"> 1. Must have built-in Directory Services with Single-Sign On capability 2. Must have multi-master replication of directory services 	

PROCUREMENT FOR SUPPLY, DELIVERY, INSTALLATION AND CONFIGURATION OF DATA CENTER CORE COMPONENTS

ABC – Php8,500,000.00

	<ol style="list-style-type: none"> 3. Must have built-in Hypervisor Technology with virtualization rights up to two (2) virtual machines 4. Must have the ability to Centralize Control of Desktop Policy Definition 5. Built-in Remote Desktop Services 6. Must have the ability to park/sleep processor cores when not in use for better power management 7. Built-in Data Leakage Protection function integrated with Business Productivity Tool 8. Must have replicated file services 9. Allows organizations to easily deploy a directory service in locations where physical security cannot be guaranteed. Hosts a read-only replica in the database 10. Must have embedded disk volume encryption 	
Backup Software	8 License (Acronis Renewal)	
	<p>The backup software must have the following minimum specifications and features:</p> <ol style="list-style-type: none"> 1. Must be a hybrid cloud backup solution for all customer’s data in any location as such on-premises, cloud, private and public, in remote systems or on mobile devices. 2. Must be provide fastest recovery and instant restore 3. Must restore entire systems to the same or dissimilar hardware without the need of reconfiguring your hypervisor systems 4. Must stop ransomware attacks and eliminate the need to recover data and systems by blocking and reversing suspicious changes to your data, backup files and the backup agents. 5. Must support Linux and Windows environment 6. Must support image-based back-up on entire system 7. Must be able to replicate a back-up file from a local, network or cloud folder or storage, SFTP server or locations managed by a storage node and/or a tape device. 8. Must be able to manage all physical systems, VMs and remotely with a management server. Assign backup plans to one or more machines. 9. Must assign backup plans to one or more machines, generate reports, review status and receive alerts 10. Must ensure business continuity by recovering disaster recovery in seconds or proactively avoiding downtime 11. Must improve recovery time objective (RTO) 12. Must be able to perform differential or incremental back-ups wherein solution captures only the data changes. 	

PROCUREMENT FOR SUPPLY, DELIVERY, INSTALLATION AND CONFIGURATION OF DATA CENTER CORE COMPONENTS

ABC – Php8,500,000.00

	<p>13. Must have data notary to ensure data integrity, avoids damage or tampering with your files by attacks targeting archive files.</p> <p>14. Back-ups must be encrypted using AES (Advanced Encryption Standard) algorithm with 256-bit key.</p> <p>15. Must be fully capable of integrating with Dangerous Drugs Board's current infrastructure</p>	
Remote Access Server	20 License	
	<p>The remote access software must have the following minimum specifications and features:</p> <ol style="list-style-type: none"> 1. Provides Secure Remote File Server Access 2. Provides Data Protection and Business Continuity 3. Provides Cloud File Shares 4. Provides Private on Public Cloud Migration 5. Provides Offsite or Cloud Back up 6. Provides Mapped Drives 7. Provides Windows, MAC, Web, IOS or Android Access 8. Provides Office 365 Integration 9. Provides On-Demand Synchronization 10. Provides Offline Transfers 11. Provides Parallel Transfers 12. Provides Differential Uploads 13. Provides Endpoint Encryption 14. Provides Single Sign – On 15. Provides Two-Factor Authentication (2FA) 16. Provides File Locking 17. Provides Conflict Detection 18. Provides Change Notification Files 19. Provides Auditing and Reporting for Files 20. Provides Outlook Integration 21. Provides Secure Weblink File Sharing 22. Provides Secure Web Link File Receive 23. Provides Secure Data Room for Files 24. Provides Retention Policy 25. Provides Device Approval 26. Provides IP Whitelist 27. Provides File Change Logs 28. Provides Custom Branding 29. Provides Share Access Policy 30. Provides Client Access Policy 31. Provides Home Drive Integration 32. Provides Guest User Access 	

PROCUREMENT FOR SUPPLY, DELIVERY, INSTALLATION AND CONFIGURATION OF DATA CENTER CORE COMPONENTS

ABC – Php8,500,000.00

	<ul style="list-style-type: none"> 33. Provides Ransomware Protection 34. Provides integration with on premises Active Directory and NTFS permissions 35. Provides Secure and Mobile File Access from anywhere using any devices 36. Provides secure and access to files without using VPN 	
Training and Certification		
	<ul style="list-style-type: none"> 1. Database Administration – 3 pax 2. MCSA – Windows 2019 Server – 3 pax 	
Knowledge Transfer		
	<ul style="list-style-type: none"> 1. Remote Access Software 	
III. WARRANTIES OF THE LESSOR		
	<p>The lessor must provide warranty to the following ICT equipment:</p> <ul style="list-style-type: none"> 1. Storage <ul style="list-style-type: none"> 1.1. 3 Years Basic Hardware Warranty Repair: 5x10 HW-Only, 5x10 NBD Onsite 2. Server <ul style="list-style-type: none"> 2.1. Limited Warranty: Yr1-3 (Parts)-ACDTS 2.2. 3Yr ProSupport: Next Business Day Onsite Service-ACDTS 2.3. Yr1-3 ProSupport: Next Business Day Onsite Service-ACDTS 2.4. 3Yr ProSupport:(7x24) Technical Support & Assistance-ACDTS 3. Layer 3 Switch <ul style="list-style-type: none"> 3.1. 3 years 	
IV. SERVICE		
	<p>The bidder must provide the following services:</p> <ul style="list-style-type: none"> 1. Delivery, installation & Rack mounting, configuration, and commissioning of serve, storage, and layer 3 switch. 	
V. SCOPE OF WORK		

PROCUREMENT FOR SUPPLY, DELIVERY, INSTALLATION AND CONFIGURATION OF DATA CENTER CORE COMPONENTS

ABC – Php8,500,000.00

Delivery Address	6 th Flr. 61 Timog Avenue, Diliman, South Triangle, Quezon City, 1103 Metro Manila	
Delivery Period	Within sixty (90) calendar days from receipt of Notice to Proceed (NTP)	
Deployment, Installation/Setup, Operability, and Acceptance	DDB Main Extension Office 1. Within thirty (30) calendar days from date of approval of Inspection and Acceptance Report (IAR)	
Payment Period	DDB Main Office 1. Upon delivery completion DDB shall own all ICT equipment delivered identified in the Terms of Reference	
Delivery Requirements	<ol style="list-style-type: none"> 1. The LESSOR must deliver all Data Center core components at 6th Flr. 61 Timog Avenue, Diliman, South Triangle, Quezon City, 1103 Metro Manila based on the above schedule. 2. The data center core components shall be free from any shareware, freeware, and demo software/licenses/programs. All pre-installed software/licenses/ programs other than factory default shall be uninstalled prior to delivery of the units to DDB. 3. The core components must be delivered, installed and rack mounted, configured, and commissioned 4. The technical personnel from DDB shall conduct the Technical Inspection. An approved Technical Inspection Report shall be issued by the DDB MISD. An Inspection and Acceptance Report shall be issued by Inspection Committee and Acceptance Committee. 5. The CONTRACTOR shall submit a summary report of delivery to DDB MISD indicating the details of each ICT equipment delivered (i.e., Serial number, MAC Address, etc.) 6. A Certificate of Acceptance and Operability shall be issued by the DDB MISD. 	
VI. CONFIDENTIALITY OF DATA		
	<ol style="list-style-type: none"> 1. The CONTRACTOR shall document detailed procedures/techniques in identifying systems security risks and breach (es) and how such shall be handled. 2. The DDB system, its components, parts and all products, product samples and specifications, data, ideas, technology, and technical and non-technical materials, all, or any of 	

PROCUREMENT FOR SUPPLY, DELIVERY, INSTALLATION AND CONFIGURATION OF DATA CENTER CORE COMPONENTS

ABC – Php8,500,000.00

	<p>which may be derived from any of the foregoing (all of which, individually and collectively, referred to as “Proprietary Information”) are confidential and proprietary to the Dangerous Drugs Board.</p> <p>3. The CONTRACTOR agrees to hold the Proprietary Information in strict confidence. CONTRACTOR furthermore agrees not to reproduce, transcribe, or disclose the Proprietary Information to third parties without prior written approval of the Dangerous Drugs Board.</p> <p>4. To ensure the confidentiality of all information that will come to the knowledge of the CONTRACTOR and its employees detailed with the DDB, the CONTRACTOR and its employees assigned therein shall be considered agents of the DDB. The contract that will be executed hereto shall categorically provide that the CONTRACTOR and its employees, as agents of the DDB, shall uphold strict confidentiality of any information.</p>	
<p>VII. TERMS OF PAYMENT</p>		
	<p>1. The CONTRACTOR shall be paid in full upon complete supply, delivery, installation, and configuration of data center core components subject to government mandated taxes.</p> <p>2. The payment shall be made from submission of the documentary requirements such as, but not limited to the following based on existing accounting and auditing laws, rules, and regulations.</p> <p>2.1. Statement of Account/Sales Invoice/Billing Statements</p> <p>2.2. Inspection and Acceptance Report issued by Inspection Committee and Acceptance Committee</p> <p>2.3. Certificate of Acceptance and Operability issued by Chief of MISD.</p>	
<p>VIII. PRE-TERMINATION OF THE CONTRACT</p>		
	<p>1. The contract for SUPPLY, DELIVERY, INSTALLATION AND CONFIGURATION OF DATA CENTER CORE COMPONENTS may be pre-terminated by DDB for any violation of the terms of the contract. In case of pre-termination, the LESSOR shall be informed by DDB thirty (30) days prior to such pre-termination.</p> <p>2. In case of pre-termination, the CONTRACTOR shall be liable to an additional liquidated damages equivalent to one percent (1%) of the contract price as provided for in the</p>	

**PROCUREMENT FOR SUPPLY, DELIVERY, INSTALLATION AND
CONFIGURATION OF DATA CENTER CORE COMPONENTS**

ABC – Php8,500,000.00

	Government Accounting and Auditing Manual (GAAM) and forfeiture of the Performance Security.	
--	--	--