



Republic of the Philippines
Department of Health
CENTRAL OFFICE BIDS AND AWARDS COMMITTEE

BID BULLETIN NO. 4
05 May 2021

PROCUREMENT OF SERVERS FOR UHC INTEGRATION SITES
IB No. 2021-165

This Bid Bulletin is being issued to announce the new schedule of Submission and Opening of Bids, to amend or modify the posted Bidding Documents in the DOH and PhilGEPS websites, respond to clarification letters from Advance Solution Inc. for the Procurement of Servers for UHC Integration Sites under IB No. 2021-165. This Bid Bulletin will form an integral part of the bidding document for the above-mentioned procurement project.

1. New Schedule of Submission and Opening of Bids:

From	To	Venue
05 May 2021, 9:00AM	12 May 2021, 9:00AM	Bldg. 4, HRT Conference Room, Department of Health, Sta. Cruz, Manila, or through video conferencing or webcasting via Cisco Webex

2. Response to Clarification Letter of Advance Solution Inc.:

Particular	Nature of Query	Response
Item No. 5 – Memory Memory: 96GB RAM (6x 16GB or 8 x 12GB RDIMM, 2133MT/s, (Single Rank, x4 Data Width) must support up to 3TB Memory . Supports RAS (Reliability, Availability and Service-Ability) features, failed DIMM Isolation, Mirroring, Memory Address Parity Protection, Sparring and Thermal Throttling .	May we request for the return of the original requirement support up to 768GB ? Considering that, this is the minimum requirement and adjusting to 3TB would only further limit your requirement. May we request that the “ Failed DIMM isolation, memory Address Parity Correction and Thermal Throttling ” be an optional requirement? The additional features would only limit your requirement to a particular brand of server. In addition, RAS (Reliability, Availability and Service-Ability), Mirroring and Sparring are the most only common memory protection for server brands.	No changes in the technical specifications. No changes in the technical specifications.
No. 6 Hard Disk: Hard Disk 8 x 900 GB 15K RPM SAS 12Gbps 2.5 in Hot-	May we request to retain the original requirement and omit	Revised as follows: Must support up to max of

Particular	Nature of Query	Response
plug Hard Drive with capability of mixing of various storage type (U.2/SAS/SATA) in the same bay. Must support up to 8 or 18 x 3.5” SAS/SATA (HDD/SSD) max 288TB or up to 16 x 2.5” with up to 8 NVMe, SAS/SATA/NVMe	the added “ Must support up to 8 or 18x3.5 SAS/SATA (HDD/SSD) Max 288TB or up to 16x2.5 with up to 8 NVMe, SAS/SATA/NVMe (HDD/SDD) max 112”? Provided, that the server able to provided your required storage and support for 20 drives in a single controller. Adding this requirement will only limit your requirement to a particular brand.	192 TB (Hot Pluggable LFF-SAS or SATA) or Max. of 184TB (Hot Pluggable SFF-SAS or SATA SSD)
No. 13 Ports: With Two (2) USB 2.0 ports in front (one USB 3.0, one USB 2.0 port); six (6) USB 2.0 ports in back (four 2.0, two USB 3.0) one direct micro USB	May we request if we can omit the added “ one direct micro USB ” or simplify to “ One internal USB 3.0 or One direct micro USB ”? Because, not all servers uses micro USB port in their servers.	Revised as follows: One internal USB 3.0 or One direct micro USB
No. 18 System Management: Wireless Management Tool using NFC connection for server management, automated tech support case creation and log collection and silicon root of trust, and with auto dispatch of selective parts.	May we request that the additional “ At the minimum, there should be Wireless Management Tool using connection for server management, automated tech support case creation and log collection and silicon root of trust, and with auto patch dispatch of selective parts. ” To make as an option or equivalent with your original requirement. This is for the reason that most of the servers are being manage remotely via secure dedicated management port. And, requiring wireless management would only limit your requirement to a particular brand.	No changes in the technical specifications.

3. Changes in Section VII. Technical Specifications:

Particular	From	To
I. Detailed Technical Specifications	xxx	xxx
	6. Hard Disk: 8 x 900GB 15K PRM SAS 12GBps 2.5 in Hot-plug Hard Drive with compatibility	6. Hard Disk: 8 x 900GB 15K PRM SAS 12GBps 2.5 in Hot-plug Hard Drive with compatibility

Particular	From	To
	of mixing of various storage type (U.2/SAS/SATA) in the same bay. Must support up to 8 or 18 x 3.5 SAS/SATA (HDD/SSD) max 288 TB or up to 16 x 2.5 with up to 8 NVMe, SAS/SATA/NVMe (HDD/SDD) mas 112	of mixing of various storage type (U.2/SAS/SATA) in the same bay. Must support up to max of 192 TB (Hot Pluggable LFF-SAS or SATA) or Max. of 184TB (Hot Pluggable SFF-SAS or SATA SSD)
	13. With two (2) USB 2.0 ports in front (one USB 3.0, one USB 2.0 port), six (6) USB 2.0 ports in back (four USB 2.0, two USB 3.0) and one internal USB 3.0) one direct micro USB	13. With two (2) USB 2.0 ports in front (one USB 3.0, one USB 2.0 port), six (6) USB 2.0 ports in back (four USB 2.0, two USB 3.0) and one internal USB 3.0) One internal USB 3.0 or One direct micro USB.
	14. With two (2) USB 2.0 ports in front (one USB 3.0, one USB 2.0 port), six (6) USB 2.0 ports in back (four USB 2.0, two USB 3.0) and one internal USB 3.0) one direct micro USB	Deleted

Attached is the revised Technical Specifications for prospective bidders' reference and use.

All other provisions of the bidding documents which are not affected shall remain in effect.

For guidance and information of all concerned.

GERARDO V. BAYUGO, MD, MPH, CESO I
Undersecretary of Health
COBAC –B Chairperson

Technical Specifications

Republic of the Philippines
Department of Health
TECHNICAL SPECIFICATIONS

Item No. 1	Servers for UHC Integration Sites	Qty./Unit	85 units
Name of Manufacturer:		Country of Origin:	
Brand:		Model (if applicable):	
ABC: PhP59,500,000.00			
PURCHASER'S SPECIFICATION		STATEMENT OF COMPLIANCE	
I. Detailed Technical Specifications: <ol style="list-style-type: none"> Must be in the International Data Corporation (IDC) list of Servers result for 3rd Quarter or latest of 2020 Type (Tower with conversion kit/ rack mountable) Dual Ten Core Xeon or Higher Processor: Two (2) x Intel® Xeon® Silver Processor with Ten (10) core processor, 13.75MB Cache 2.4Ghz or Higher Memory: 96GB RAM (6x 16GB or 8 x 12 GB RDIMM, 2133MT/s (Single Rank, 4x Data Width) must support up to 3TB GB Memory. Supports RAS (Reliability, Availability and Service –Ability) features, failed DIMM Isolation, Mirroring, Memory Address Parity Protection, Sparring and Thermal Throttling. Hard Disk: 8 x 900GB 15K PRM SAS 12GBps 2.5 in Hot-plug Hard Drive with compatibility of mixing of various storage type (U.2/SAS/SATA) in the same bay. Must support up to max of 192 TB (Hot Pluggable LFF-SAS or SATA) or Max. of 184TB (Hot Pluggable SFF-SAS or SATA SSD) RAID Controller: supports Raid level 0,1,10,50 and 12 Gb SAS connectivity to the drive backplanes, with cache up to 4 GB and support for 20 drives on a single controller NIC Ports: with built-in or add-on combination of 2X 1GbE port and 2x 10GbE. Or, 2x1GbE built-in and 2x1GbE Disk Drives: Half High SATA DVD-ROM Optical Disk Drive USB/PS2 keyboard & optical mouse with scroll button with pad At least 20’’ Color Monitor- Meets FCC and must be the same brand of the proposed server. Power Supply: Redundant of either 750 (Platinum/Titanium Hot Swap Power Supply) or 1100W (Platinum Hot Swap Power Supply) With two (2) USB 2.0 ports in front (one USB 3.0, one USB 2.0 port), six (6) USB 2.0 ports in back (four USB 2.0, two USB 3.0) and one internal USB 3.0) one direct micro USB One internal USB 3.0 or One direct micro USB With Rack railing kit for rack conversion Software Licenses: 			

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<p>a. Pre-installed Windows Server 2019 or Higher with 25 device CAL License</p> <p>b. Microsoft Open Licenses Purchase Order with License named to the recipients must be sent through email that will be used for registration to the access the activation key.</p> <p>c. Anti-virus Software full product with three (3) year's subscription</p> <p>16. With additional documents to be attached with this form:</p> <p>a) On site services for three (3) years)</p> <p>i. For DOH CHD4A, 4B and NCR Response time by various classes and severity of problems with 12 hours as maximum from notice by CHDs</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 20%;">Level</th> <th style="width: 40%;">Definition</th> <th style="width: 40%;">Response Time</th> </tr> </thead> <tbody> <tr> <td>System down</td> <td>CHDs and Hospitals Server</td> <td>Immediate</td> </tr> <tr> <td>Critical</td> <td>Business stoppage with significant user or client impact on staff productivity and delivery of CHDs and Hospitals public service</td> <td>Within 3 hours</td> </tr> <tr> <td>Urgent</td> <td>High impact causing immediate work stoppage and delivery of services to the public</td> <td>Within 4 hours</td> </tr> <tr> <td>Important</td> <td>No productivity impact</td> <td>Within 6 hours</td> </tr> <tr> <td>Monitor</td> <td>No further action required beyond monitoring</td> <td>Within 8 hours</td> </tr> <tr> <td>Informational</td> <td>Request for information</td> <td>Within 12 hours</td> </tr> </tbody> </table> <p>ii. For DOH CHD I, II, III, V, VII, VIII, IX, X, XI, XII, CAR, CARAGA, and ARMM:</p>		Level	Definition	Response Time	System down	CHDs and Hospitals Server	Immediate	Critical	Business stoppage with significant user or client impact on staff productivity and delivery of CHDs and Hospitals public service	Within 3 hours	Urgent	High impact causing immediate work stoppage and delivery of services to the public	Within 4 hours	Important	No productivity impact	Within 6 hours	Monitor	No further action required beyond monitoring	Within 8 hours	Informational	Request for information	Within 12 hours		
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<p>Response time by various classes and severity of problems with 6 days as maximum from notice by DOH and CHDs or next available flight if by air:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 20%;">Level</th> <th style="width: 40%;">Definition</th> <th style="width: 40%;">Response Time</th> </tr> </thead> <tbody> <tr> <td>System down</td> <td>CHDs and Hospitals Server</td> <td>Immediate</td> </tr> <tr> <td>Critical</td> <td>Business stoppage with significant user or client impact on staff productivity and delivery of CHDs and Hospitals public service</td> <td>Within 2-3 days</td> </tr> <tr> <td>Urgent</td> <td>High impact causing immediate work stoppage and delivery of services to the public</td> <td>Within 3-4 days</td> </tr> <tr> <td>Important</td> <td>No productivity impact</td> <td>Within 4-5 days</td> </tr> <tr> <td>Monitor</td> <td>No further action required beyond monitoring</td> <td>Within 5-6 days</td> </tr> <tr> <td>Informational</td> <td>Request for information</td> <td>Within 6-7 days</td> </tr> </tbody> </table> <p>18. The bidder should have an authorized a Service Center near all the installation sites. The bidder must be the one coordinating to their respective authorized Service Center or to their respective principal/ manufacturer about DOH and its recipients concerns.</p> <p>Server Security The server must be NIST SP 800-147B compliant. Electronic security measures:</p> <ol style="list-style-type: none"> 1. Administrator and power-on passwords 2. Trusted Platform Module (TPM) supporting both TPM 1.2 and TPM 2.0 3. Capable of Trusted Cryptographic Module (TCM) 		Level	Definition	Response Time	System down	CHDs and Hospitals Server	Immediate	Critical	Business stoppage with significant user or client impact on staff productivity and delivery of CHDs and Hospitals public service	Within 2-3 days	Urgent	High impact causing immediate work stoppage and delivery of services to the public	Within 3-4 days	Important	No productivity impact	Within 4-5 days	Monitor	No further action required beyond monitoring	Within 5-6 days	Informational	Request for information	Within 6-7 days		
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<p>4. Capable of Self-encrypting drives with support for Security Key Lifecycle Manager</p> <p>Mechanical security measures:</p> <ol style="list-style-type: none"> 1. Lockable side cover to help prevent access to internal components 2. Slot at the rear of the server for a Kensington Cable LockCapable of chassis intrusion switch Capable of lockable front security door <p>System Management</p> <ol style="list-style-type: none"> 1. The server contains an integrated service processor, which provides advanced service- processor control, monitoring, and alerting functions. The integrated service processor is based on the Pilot4 XE401 baseboard management controller (BMC) using a dual- core ARM Cortex A9 service processor. At the minimum, there should be Wireless Management Tool using connection for server management, automated tech support case creation and log collection and silicon root of trust, and with auto patch dispatch of selective parts. <p>Integrated Virtualization</p> <ol style="list-style-type: none"> 1. The server supports booting from an operating system or Hypervisor installed on an M.2 solid state drive. <p>GPU Adapters</p> <ol style="list-style-type: none"> 1. The server must support graphics processing units (GPUs), up to 4 double wide GPU or up to 8 single GPU <p>Warranty: 3 Years in Parts and Services</p>			

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II. Additional Requirements in Technical Specifications form, arranged, numbered, and tabbed as enumerated below:

1. Certification that the bidder should have an authorized support center near all installation sites;
2. The bidder shall submit any of the following whichever is applicable:
 - a. If the bidder is the manufacturer, certify that the bidder manufactures the products/items; or
 - b. If the bidder is an Exclusive/Authorized Distributor or Dealer of the products/items, Certificate or Contract from the manufacturer must be provided as proof that the bidder is an Exclusive/Authorized Distributor or Dealer of the products/items; or
 - c. If the bidder is an agent of the exclusive distributor or dealer, the following must be provided:
 - i. Certificate or Distributor/Dealership Agreement by the Manufacturer with the distributor or dealer; and
 - ii. Contract between the distributor/dealer and the bidder
3. Original Brochure or downloaded from the internet and other manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate for cross-referencing statement of compliance to the technical specification in accordance to what is indicated in 2nd page of Section VII. Technical Specifications of the Bidding Documents;
4. Sworn Statement using the prescribed form.

Signature over Printed Name

[date of signing]

In the capacity of:

Duly authorized to sign bid for and on behalf of:

[title or other appropriate designation]

[Name of Company]

[Complete office address]

[Contact No.]

[Fax No.]

[Email Address]