



REPUBLIC OF THE PHILIPPINES
**PUBLIC-PRIVATE PARTNERSHIP
CENTER**

SPECIAL BIDS AND AWARDS COMMITTEE

**Supplemental Bid Bulletin No. 1
Series of 2013**

**SUBJECT : PROCUREMENT OF INFORMATION AND COMMUNICATIONS
TECHNOLOGY (ICT) RESOURCES FOR THE PPP KNOWLEDGE
MANAGEMENT PORTAL PROJECT UNDER ITB NO. 2013-003**

DATE : 26 NOVEMBER 2013

I. Answers to the Clarifications Raised by the Bidders

Attached are the answers to the clarifications raised by the bidders during the pre-bid conference held on 21 November 2013 marked as **Annex "A"** of this bid bulletin.

II. Additional Instructions

1. Pursuant to Bid Bulletin No. 2, series of 2013, bid submission is extended up to 04 December 2013, 10:00 a.m.. Bids will be opened on 04 December 2013, 10:30 a.m. at the PPP Center Main Conference Room, NEDA sa QC, EDSA, Diliman, Quezon City. The PPP Center Wall Clock at the Main Conference Room shall be made as basis of the time for the closing of the bid submission.
2. In conformity with Bid Bulletin No. 2, series of 2013, the issuance and purchase of a complete set of Bidding Documents is also extended up to 04 December 2013¹ from 8:30 a.m. to 5:30 p.m., from Monday to Friday upon payment of a nonrefundable fee for the Bidding Documents in the amount of Five Thousand Pesos (PhP 5,000.00).
3. In relation to BDS Clause 20.3, a Single-Stage, Two-Envelope Bidding Procedures shall be applied in accordance with the provisions of R.A. 9184 and its Implementing Rules and Regulations (IRR).

For each lot, bidders shall submit the following in one (1) big envelope duly labeled as "Procurement of ICT Resources for the PPP Knowledge Management Portal Project – Lot 1, 2 or 3, as the case may be, containing two (2) sets of envelopes:

¹ Issuance and purchase of the bidding documents on 04 December 2013 shall be on or before 10:00 a.m. only.

The first envelope shall be labeled as **"Technical Proposal"**, which shall contain three (3) copies of the the eligibility and technical documents duly marked as **"Original Copy"**, **"Duplicate Copy"** and **"Triplicate Copy"**.

The second envelope shall be labeled as **"Financial Proposal"**, which shall contain three (3) copies of the financial documents duly marked as **"Original Copy"**, **"Duplicate Copy"** and **"Triplicate Copy"**.

The bidders are requested to provide tabs in the presentation of their eligibility and technical documents, per the checklist marked as **Annex "B"** of this bid bulletin.

The Supplemental Bid Bulletin shall form part of the bidding documents. Thank you.



ELEAZAR E. RICOTE

Chairperson, Special Bids and Awards Committee

Response to the Queries of the Prospective Bidders during the Pre-bid Conference and Written Clarifications

QUESTION	RESPONSE
<p>Q1. On page 75, Item 1.1. Blade Chassis – Network Connectivity</p> <p>a. Please specify the number of ports and interface type (UTP or SFP) for the Gigabit switch module on the blade chassis. IS it really 1GbE or a 10GbE blade switch module that can autosense/autonegotiate to 1GbE?</p> <p>b. Please specify the bandwidth/speed, number of ports required for the Fiber Channel switch module on the blade chassis.</p>	<p>The bidder may specify the number of ports according to the prescribed number of blade servers. The Ethernet speed is 1Gbps.</p> <p>8Gbps for the Fiber Channel of the blade chassis while the numbers of ports are bidders specified.</p>
<p>Q2. On page 76, Item 1.2. Blade Server - Multi-processor Board</p> <p>a. “How many physical processors are required for the server? Is it two (2) processors because the number of processors will affect the number of licenses in the VM? ”</p> <p>b. “Please specify how many Intel E5-2600 series based processors are required.”</p>	<p>The minimum number of CPU per blade is one (1).</p> <p>The required physical processors are linked to the prescribed number of virtualization licenses per Item 1.10. The prospective bidders may offer equivalent number of processors that would correspond to the prescribed number of virtualization licenses provided that there will be no incompatibility issue and the required functionalities are met.</p>
<p>Q3. On page 76, Item 1.2. Blade Servers</p> <p>How will the blade server be distributed in the two chassis?</p>	<p>The blade servers are designed to be installed as follows: Two (2) chassis with four (4) blade servers each; one primary blade server with 192GB memory and three (3) blade servers with 16GB memory each.</p>
<p>Q4. On page 76, Item 1.2 – Blade Servers</p> <p>Please specify as to what type of FC HBA card and number of ports required for each of the blade servers that will connect to the fiber channel switch module on the blade chassis.</p>	<p>HBA capability will be provided by the CNA component specified in blade server. It should be compatible with the FC switch of the chassis</p>

<p>Q5. On page 76-77, Item 1.2. Blade Servers - Internal Storage Devices</p> <p>The bid documents states a disk type of 15K RPM but the industry standard for the maximum capacity of a 1.2TB is only 10K RPM and the available capacity in the industry that has 15K RPM is only 300/600 GB.</p> <p>The capacity stated is 2.4 TB. If a prospective bidder is going to pursue the 15K RPM, the capacity and performance specifications would not be met.</p>	<p>The minimum technical specification is prescribed in the bidding documents. The bidder may offer products that meet the minimum technical specifications. Since the blade servers will be connected to a SAN, the disk access speed will be given more consideration.</p>
<p>Q6. On Page 77, Item 1.2 Blade Servers</p> <p>Please specify the form factor of the blade servers, whether full-height or half-height blades as it will determine the number of PCIe slots and also the internal drive bays for the "MINIMUM" storage capacity of 2.4TB RAW as written on the ToR.</p>	<p>The form factor is bidder specified.</p>
<p>Q7. On page 76-77, Item 1.2. Blade Servers - Expansion Slots</p> <p>a. The blade servers require an 8 PCI-X slots, A blade server does not have PCI-X slots and it comes only with mezzanine slots, which is connected to a PCI-E slot. Can this provision be deleted since it is not listed on any blades?</p> <p>b. Under Expansion Slots – please clarify the requirement for 10Gbps I/O bandwidth, as this looks non-standard or might refer to the network interface card (NIC)</p>	<p>The actual specification is meant to be 1 slot of 8x PCI-E port in each blade server.</p> <p>The 10Gbps requirement is for the Ethernet SAN connection</p>
<p>Q8. On page 77, Item 1.2. Core I/O Management and Processor Interconnect</p> <p>The integrated Lights Out 2 (iLO2) description is a brand driven specification, Is it possible to delete this requirement so the prospective bidders can explore other option?</p>	<p>The prospective bidders may offer equivalent remote management controller provided that there will be no incompatibility issue and the required functionalities are met.</p>

<p>Q9. On page 77, Item 1.2. Core I/O Management and Processor Interconnect</p> <p>Is the Serial Port RS 232 and VGA Port directed to one specific product?</p>	<p>The Serial Port RS 232 and VGA Port is not directed to one specific product. The prospective bidders may offer equivalent specifications either as built-in or through expansion card.</p>
<p>Q10. On page 77, Item 1.2 – Converged Network Adapter (CNA)</p> <p>How many ports required for the Converged Network Adapter (CNA) per blade server? Please specify whether you clearly require just 1GbE or a 10GbE NIC card that can autosense/autonegotiate between 1GbE and/or 10GbE?</p>	<p>Two (2) ports for the CNA per blade server. 1Gbps for regular Ethernet port while the CNA port requirement is 10Gbps.</p>
<p>Q11. On page 77, Item 1.3. SAN Storage</p> <p>Is the SAN will function as a Storage Server or storage device?</p>	<p>The SAN is for block-level storage. It will primarily serve as Virtual hard drive for Virtual Machines.</p>
<p>Q12. On page 77, Item 1.3. SAN Storage</p> <p>What other features are needed for the SAN?"</p>	<p>The basic features are as prescribed in Item 1.3. The prospective bidders may offer additional features provided that there will be no incompatibility issue and the required functionalities are met with no additional cost to the PPP Center.</p>
<p>Q13. On page 77, Item 1.3. SAN - Minimum Storage</p> <p>Does the specified 7.2 TB storage capacity a usable capacity or a raw capacity?</p>	<p>The specified 7.2 TB storage is a raw capacity</p>
<p>Q14. On page 77, Item 1.3. SAN - Multi-Processor Modules</p> <p>If a storage server running on other processor type is specified, would it be acceptable?</p>	<p>Bidders may offer equivalent or higher specification provided that there will be no incompatibility issue and the required functionalities are met.</p>
<p>Q15. On page 77- 78, Items 1.3 SAN</p> <p>Can we offer a NAS or a SAN? Or are they separate</p>	<p>The SAN (Item 1.3) and NAS (Item 1.4) as indicated in the bidding documents are required separately</p>

<p>Q16. On page 78, Item 1.3. SAN-Network Connectivity</p> <p>a) From the distribution switch, what is the required connectivity of the servers? Is it 1Gb or 10Gb?</p> <p>b) Is the required 10Gb connectivity for the uplink?</p> <p>c) Fiber connection (FC) technology comes with 8Gbps and 16Gbps, There is no FC Channel Switch with 10Gb specification. Is this an Ethernet switch or FC protocol SAN switch?</p>	<p>The minimum connectivity is 10Gbps, The bidder may offer higher connectivity provided that there will be no incompatibility issue and the required functionalities are met.</p> <p>The connectivity between blade server and SAN switch is 10Gbps, The bidder may offer higher connectivity provided that there will be no incompatibility issue and the required functionalities are met.</p> <p>It is a 24 x 10 Gbps Ethernet SAN switch that can support Fiber Channel over Ethernet and iSCSI.</p>
<p>d) Is the 24 ports SAN switch specified here 10Gbps per port?</p>	<p>As per Lot 1 Item 1.2 server specification, the CNA is 10GBps therefore the SAN Ethernet switch should also be 24 port x 10Gbps.</p> <p>The 10Gbps refers to the Ethernet speed of the CNA. The FC component of the CNA should have 8Gbps speed.</p>
<p>Q17. On page 78, Item 1.6. Operating System (OS) External Connector</p> <p>What is the function of the OS External Connector?</p>	<p>The OS External Connector is designed for collaboration of inter-platform connectivity over the web.</p>
<p>Q18. On page 79, Item 1.10. Virtualization Software</p> <p>a. Please clarify the Standard Licenses and Client Licenses for the Virtualization.</p>	<p>The virtualization client software refers to the virtualization technology running on host servers while the virtualization center is server software used to manage virtualization clients. Standard version means basic or regular software packages and licenses. Note that the licenses must support server hardware specifications (CPU, RAM, etc.) in Lot 1 Item 1.2</p>
<p>b. May we ask if there is a need to two (2) Virtualization Center Server Licenses if they have two sites deployed with different configurations?</p>	<p>The two (2) Virtualization Center Server Licenses is the minimum requirements; the number of server licenses will depend on required number of physical processors to run the blade servers to ensure that the prescribed virtualization functionalities are met.</p>

<p>c. Item No. 1.10.2 specifies 8 client licenses while Item 1.1 and Item 1.2 specifies 2 blade server chassis and 8 blade servers, respectively. Do the required 8 client licenses correspond to the blade server requirements? It is informed that the blade OS licenses per Item 1.5.1 vis-à-vis the required virtualization licenses is commensurate to 16 OS licenses.</p>	<p>There are 4 blade servers in each chassis. Since there are 2 chassis, a total of 8 virtualization client licenses are therefore required. Note that the virtualization clients should be manageable by the virtualization center software.</p>
<p>Q19. On page 79, Item 1.11. Data Center Equipment and Systems Software Implementation</p> <p>Who will be the lead integrator?</p>	<p>The winning bidder for Lot 1 will be the lead integrator pursuant to Item 1.11.1. A conference call among the PPP Center and the winning bidders of Lots 1, 2 and 3 shall be held prior to commencing project implementation.</p>
<p>Q20. On page 97, Item 3.1. Core Switch - Switching Capacity</p> <p>Please confirm the switching capacity? Is it really four (4)?</p>	<p>Four (4) switching capacity is the minimum requirements; the bidder may offer higher or better specifications, provided that there will be no incompatibility issue and the required functionalities are met.</p>
<p>Q21. On page 97, Item 3.1. Core Switch - Ether Channels</p> <p>Does the required 12 ether channels refers to lag? Will you aggregate the 12 ports because there is a core switch or active devices that would be able to bundle the whole 8 or 12 in one group?</p>	<p>The 12 ether channel refers to Ethernet link group. This group can create logical link to have load balancing and redundancy.</p>
<p>Q22. On page 97, Item 3.1. Core Switch - Transceivers</p> <p>a. Are the transceivers for multimode or single mode?"</p> <p>b. What is the maximum distance of the multimode for the connectivity?</p>	<p>The transceivers are for multimode which is required for the SFP.</p> <p>The PPP Center has only one (1) Data Center so there is no long distance connectivity.</p>
<p>Q23. On page 98, Item 3.2. Live Users</p> <p>Please clarify "must accommodate 150-200 live users</p>	<p>Since each manufacturer has different number of users that can simultaneously connect to the firewall, prospective bidders must be able to offer a firewall unit that could accommodate live users within the 150-200 range.</p>

<p>Q24. On page 82, Training Vouchers</p> <p>Please clarify the footnote “A written authorization or certificate representing a credit against future expenditures for training” and if the certificate will be issued after the bidding? “</p>	<p>Training Vouchers is defined under Section VI. Schedule of Requirements.</p> <p>The training vouchers will be issued by the winning bidder/s and must be valid for one (1) year upon issuance from issuance of Certificate of Inspection and Acceptance.</p> <p>The issuance of training vouchers is prescribed under 1.12 and 2.11 of Section VII. Technical Specifications of the bidding documents. The same is hereby also prescribed for Lot 3.</p>
<p>Q25. On Warranty and Services</p> <p>a) Given that that one (1) hour response time is improbable, Can we request to extend within four (4) hours?</p> <p>b) Do all equipment has a three (3) years warranty?</p>	<p>The required one (1) hour response time is for critical incidents as defined under Item Nos. 1.13.5, 2.12.6 and 3.10.9.</p> <p>The prescribed number of years for the warranty for each equipment are specified in Item 1.13.1, 2.12.1 2.12.2, 3.10.1, 3.10.2, 3.10.3, 3.10.4 and 3.10.5 of Section VII. Technical Specifications of bidding documents.</p>
<p>Q26. On Complete Documentation</p> <p>a. Are the bidders required to submit all certificates during the bid opening or if declare lowest calculated bid?</p>	<p>The complete documentation as prescribed in Section VII. Technical Specifications of the bidding documents, shall be submitted as follows:</p> <p><u>Upon issuance of Notice to Proceed:</u></p> <ul style="list-style-type: none"> a. Certificate of Warranty for all Equipment b. Certificate of After-Sales Support c. List of Service Centers d. Certificate of Replacement for Defective Items e. Service Level Agreement <p><u>Upon Complete Installation, Integration and Commissioning of the Equipment:</u></p> <ul style="list-style-type: none"> a. Product Brochure/Technical Data Sheet b. Installation Manual c. User Manual and Technical Manual <p><u>As Prescribed in Item 1.11, 2.10 and 3.8 of Section VII. Technical Specifications:</u></p>

	<ul style="list-style-type: none"> a. Integration/Work Plan b. User Acceptance Test (UAT) Plan c. Testing Plan
<p>b. Page 104 of 3.11 – Complete Documentation</p> <p>List of Service Centers - Can we submit a Nationwide Dell Toll Number for fastest and easiest way to contact our technical if in case there's a concerns to be inquired/settled.</p>	<p>Yes, apart from providing the List of Service Centers, bidders may suggest other mechanism to address the PPP Center's service requirements (i.e. phone support, on-site support).</p>

CHECKLIST OF REQUIREMENTS

REFERENCE NO.	ELIGIBILITY AND TECHNICAL REQUIREMENTS	TAB
12.1	ENVELOPE 1: ELIGIBILITY AND TECHNICAL BID COMPONENTS	
12.1(a)	1. Eligibility Documents	
12.1(a)(i)	a. Registration Certificate of the Company	A
	b. Relevant contracts specified in the experience requirements as specified in ITB Clause 5.4 and using the form prescribed in Section VIII. Bidding Forms;	
12.1(a)(iii)	i. Statement of all its <u>ongoing contracts</u> within five (5) years for Lot 1 or three (3) years for Lot 2 and Lot 3 prior to deadline for submission and receipt of Bids. Form template of On-going Contracts is provided in Section VIII. Bidding Forms. Forms should be signed by the authorized signatory of the bidder.	B
12.1(a)(iii)	ii. Statement of all its <u>completed contracts</u> within five (5) years (for Lot 1) or three (3) years for Lot 2 and Lot 3 prior to deadline for submission and receipt of Bids. Form template of Completed Contracts is provided in Section VIII. Bidding Forms. Forms should be signed by the authorized signatory of the bidder.	C
12.1(a)(iii)	c. Audited Financial Statements for FY 2011 and FY 2012	D
12.1(a)(vi)	d. If applicable, the JVA in case the joint venture is already in existence, or duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA	E
12.1(a)(i)	Foreign bidders may submit the equivalent documents, if any, issued by the country of the foreign bidder.	
12.1(b)	2. Technical Documents	
12.1(b)(i)	a. Bid security as required in the ITB and prescribed in BDS Clause 18.1;	F
12.1(b)(ii)	b. Conformity with technical specifications, as enumerated and specified in Section VI. Schedule of Requirements, which should be accomplished and signed by authorized signatory of the bidder.	G
12.1(b)(ii)	c. Conformity with technical specifications, as enumerated and specified in Section VII. Technical Specifications, which should be accomplished and signed by authorized signatory of the bidder.	H
12.1(b)(iii)	d. Sworn statement in accordance with Section 25.2(a)(iv) of the IRR of RA 9184 and using the form prescribed in Section VIII. Bidding Forms	I
	e. A commitment from a Universal or Commercial Bank to extend a credit line in favor of the bidder if awarded the contract for the project.	J
	f. Current Certificate of Distributorship/Dealership/Resellership	K