

## **BIDDER'S CONFERENCE – MINUTES OF MEETING**

### **ITB/UNDP/DGPRU-HGI/00119509/007/2020**

**Assignment Name:**

**Supply of IT Infrastructure Towards the Implementation a New Financial Management Information System for the Ministry of Health of Indonesia – The Global Fund for AIDS, TB and Malaria Programme**

**Date and Time:**

5<sup>th</sup> November 2020 by Zoom Online Meeting

<https://undp.zoom.us/j/2270581228?pwd=U3RReENPNkpPR2ZzZ04wY0NvaDNtQT09>

Meeting ID: 227 058 1228

Passcode: ITB007

**Closing Date:**

Please refer to the e-tendering system with event ID **0000007652**.

### **TO ALL INTERESTED BIDDERS**

No.	Introduction and Guidance	
Information	<p>Bid Conference was opened with following agenda:</p> <ol style="list-style-type: none"><li>1. Explanation on ITB tender document – administrative issue (closing date, submission &amp; method, delivery place for submitting offer, contract award, etc.).</li><li>2. Explanation on Returnable Bidding Forms/Checklist</li><li>3. Explanation on Annex I - Specifications/Description Of Requirement</li><li>4. Q &amp; A (going through all sessions)</li></ol> <p><i>*Bidders were encouraged to carefully read the ITB document before preparing the offer and to check regularly UNDP E-tendering &amp; UNDP website for any update/amendment to this tender document</i></p>	
	<p><b>Q&amp;A session is incorporated into the below minutes</b></p>	
1.	Q	Is the provision including operating system installation of the server? Or only install the unit only (hardware)?
	A	Yes, server should come with the operating system.
2.	Q	How about installation for the software? Is it including on site?
	A	Yes, it is including the installation on site and in the rack as well.
3.	Q	Regarding to the installation, is it required installed by the Lenovo or the principle or the partner?

	A	The server should come fully pre-configured by the manufacture for example Lenovo/Dell/HP depending on the manufacturer.
4.	Q	For any additional installation for IP address, data migration, host-name, VM Creation, is it going to be installed by the Lenovo or the business partner or will be done by UNDP?
	A	Any additional installation will be done by the service provider/company who sells the goods and will work closely with UNDP's software implementation company and Ministry of Health.
5.	Q	Is the 20TB RAID storage on the ThinkAgile the RAW storage or the usable storage, because there will be penalty when using RAID Array. Also what is the RAID level required?
	A	20TB is the total usable storage. The manufacturer/supplier will determine the standard recommended RAID level for the Azure stack. However, if no standard recommendation is provided by the supplier, RAID5 should be considered to balance between read/write speed and utilization.
6.	Q	<ol style="list-style-type: none"> <li>1. Regarding to the Kaspersky, is it new licenses or renewal licenses?</li> <li>2. A year subscriptions or 3 years subscriptions?</li> <li>3. For the Microsoft Office license, it will be register on behalf of UNDP or Ministry of Health?</li> <li>4. In the ITB tender document, it is mentioned that the delivery should be 30 days after contract. Is it mandatory maximum 30 days? Because usually normal delivery periode is 6-8 weeks after receiving PO (could be longer due to Christmas/new year holiday season)</li> <li>5. Is the Memory upgrade is for existing laptop? or for this new requirements? (If it's for existing laptop, could you please inform us the type of the existing laptop)</li> </ol>
	A	<ol style="list-style-type: none"> <li>1. New licenses</li> <li>2. 3 years</li> <li>3. Ministry of Health of Indonesia- Directorate General of Prevention and Disease Control (P2P). (Government agreement)</li> <li>4. Between 30 to 60 days</li> <li>5. Existing laptops; 3 DDR3 and 5 DDR4 (total 8 sticks each 4 GB)</li> </ol>
7.	Q	Win 10 pro - 2 unit, it's OEM or FPP?
	A	OLP – Open License / Volume License
8.	Q	<p><b>Azure Stack is not very flexible and the lowest class (silver) has below nodes and processors;</b></p> <ul style="list-style-type: none"> <li>• minimum of 4 node + 1 management node</li> <li>• processor minimum is 12c per processor with silver class. Next one is 16c for gold</li> <li>• OS disk maximum is 2x450Gb</li> <li>• Network connection limited to 1 card with 2x25Gb max</li> </ul> <p><b>Questions</b></p> <ol style="list-style-type: none"> <li>1. Processor what is required? 12 16? Or beyond that per processor</li> <li>2. Storage capacity 20TB per node or total cluster requirement?</li> <li>3. OS disk can be adjusted? Following max is 2x450GB</li> <li>4. Network connection can be adjusted to 2x25GB</li> </ol>
	A	<ol style="list-style-type: none"> <li>1. Processor and other specifications should fall under <i>Silver</i> class standards as below.</li> </ol> <p><b>Nodes: 4 nodes + 1 management node</b></p>

		<p><b>Processor:</b> 2 processors each 12 cores  <b>OS disk:</b> 960GB SSD (2 SSD disks each 480GB)  <b>Memory:</b> 384GB (24 RDIMMs*16GB each)</p> <p>2. 20 TB is the total minimum storage required.  3. Yes, adjusted to 2*480GB  4. Yes, adjust to 2*25GB</p>
9.	Q	<p>a. How it's going to be used? For azure? Or any other purpose? Azure stack didn't support direct attach or fc storage  b. Is it a DAS or storage server? If server what is cpu and memory requirement? Because I can see it required windows server license.  c. What is the capacity needed? Because what stated is only up to 28.8TB what is the usable capacity required?</p>
	A	<p>a) DAS was intended for Azure stack. OEM/Microsoft confirmed that direct attached storage is not supported on Azure stack, so it is no longer required. This is replaced by Azure stack storage. With 20TB storage capacity already a requirement for Azure stack, there will be no need for Direct Attached Storage.  b) N/A  c) N/A</p>
10.	Q	<p>a. License OLP or OEM?  b. Will be bare metal or virtual implementation  c. What is the required network connection? 1GB, 10GB, base-T or SFP+?</p>
	A	<p>a. OLP  b. Virtual implementation  c. 10GB</p>
11.	Q	<p>a) Specification says 20Tb of disk, and also states RAID -- what RAID do you want configured?  b) And what usable space are you requiring so we can calculate the number of drives required?</p>
	A	<p>a) The manufacturer/supplier will determine the standard recommended RAID level for the Azure stack. However, if no standard recommendation is provided by the supplier, RAID5 should be considered to balance between read/write speed and utilization.  b) 20TB is the total usable space required.</p>
12.	Q	<p>a. The ANNUAL license is only sold under a Microsoft Enterprise Agreement -- Cloud providers can only sell Pay as You Go / Usage Licenses -- Does the end user have an existing Microsoft Enterprise Agreement?  b. If not who would be the final End User so we can obtain a proposal?  i. Also suggest you do the same for this one line item.</p>
	A	<p>The contract holder will be the Ministry of Health of Indonesia- Directorate General of Prevention and Disease Control (P2P). The hosting will be on a hybrid environment (Azure stack) and not cloud.  Azure stack subscription for one year</p>
13.	Q	<p>What model of CISCO ISR is required and what options and interfaces are required ?</p>
	A	<p>Router no longer required. The router was earlier included on the racking solution as part of Azure stack package but it has now been confirmed that it is not part of the package.</p>
14.	Q	<p>Do you need K9? That will be minimum 6 weeks from order.</p>
	A	<p>N/A</p>

15.	Q	LOT1 DAS What level of RAID is to be configured ?
	A	DAS no longer required. This is replaced by Azure stack storage.
16.	Q	What allocation is required to each server?
	A	20TB is the total usable space required for Azure stack.
17.	Q	LOT2 Intranet - the SharePoint - do you have a specification to configure this?
	A	Intranet/sharepoint was not a requirement. Office 365 will offer SharePoint online.
18.	Q	Is SharePoint training required?
	A	Training is required on how to use and manage the standard Microsoft Office 365 and all product that comes with it such as SharePoint online.
19.	Q	LOT3 Is this an existing O365 tenant or a new build? This will affect how we coordinate to build.
	A	New tenant
20.	Q	Is this an existing Kaspersky cloud tenant or a new build? Will affect how we coordinate to build.
	A	New tenant
21.	Q	Please confirm regarding Kaspersky – non-profit is required, but isn't the end user a Government agency?
	A	Ministry of Health of Indonesia- Directorate General of Prevention and Disease Control (P2P).
22.	Q	If non-profit is required for Kaspersky, then why not non-profit for any other software?
	A	All products are purchased and owned by Ministry of Health of Indonesia- Directorate General of Prevention and Disease Control (P2P).
23.	Q	What training of any is required ?
	A	Training is required on how to use and manage the standard Microsoft Office 365 and all product that comes with it such as SharePoint and Exchange online.
24.	Q	We need more precise requirements on the CPU. Two processors are mentioned with 8 cores but no required frequency. It varies from low 2.0Ghz to high +3Ghz and price gap is considerably large between the cheapest and the most expensive ones.
	A	The speed/frequency is per processor and the server has 2 processors, a medium speed of 2.4GHz will be ok.
25.	Q	For creation of Microsoft License agreement for cloud services, we need to know who will be the contract holder and also if contract holder already have a license agreement with Microsoft.
	A	The contract holder will be the Ministry of health of Indonesia- Directorate General of Prevention and Disease Control (P2P). Currently the directorate is in the process of purchasing Microsoft Dynamics 365 the licence will be for the hybrid system not cloud subscription.
26.	Q	After having consulted bot Lenovo and Microsoft, we have learned that the solution specified in Annex 1 is not supported by either of them. We therefore recommend that we take a conference call in order to be settled on the right solution. Our technical team will be pleased to assist.
	A	In the conference call held during pre-bid meeting of 5 November, it was agreed that all questions around specifications including any discussions and explanations around the same be submitted in writing for



		clarification. Please see the responses to all submission as per above details.
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Jakarta, 12<sup>th</sup> November 2020