



EUROPEAN UNION

Delegation of the European Union to Bosnia and Herzegovina

Sarajevo,

Clarification No.1

Project Title: Supply of equipment for the research and innovation centres in BiH

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Question 1:

LOT 1, position 1.5, Cloud Management Server: "Min memory" 16GB 1333MHz UDIMMs

Is it possible to offer RDIMM server memory type? UDIMM memory is much smaller for maximum capacity of the servers in the same RDIMM memory is why it is better to put RDIMM memory. This memory not only allows the same performance, but also allows a higher maximum capacity in the same server which would allow subsequent saving resources in any system upgrades.

Answer 1:

Please see Corrigendum No. 2.

Question 2:

LOT 1, position 1.5, Cloud Management Server: "Form Factor" 1U, rack mount

Is it possible to offer server with 2U high? With this condition you eliminate possibility to offer anything than only one specific vendor.

Answer 2:

Please see Corrigendum No. 2.

Question 3:

LOT 1, position 1.6, Cloud Virtualization Host Server: "Min memory" 64GB 1333MHz UDIMMs

Is it possible to offer RDIMM memory type than UDIMM?

Answer 3:

Please see Corrigendum No. 2.

Question 4:

LOT 1, position 1.6, Cloud Virtualization Host Server: "Network" 4 x 10Gbps NIC

Is it needed to bidder to offer SFP+ modules along with the servers for connecting servers with the switches? Or these modules are already included within the switches?

Answer 4:

Yes, it is needed for bidder to offer SFP+ 10Gbps Ethernet copper modules along with the servers for connecting servers with the switches.

Question 5:

LOT 1, position 1.10, Rack cabinet 19": "Cabinet width: min 750mm, Cabinet depth: min 750mm"

If this rack will be used for servers, it has to be deeper, minimum 1000mm. Please provide us minimum acceptable dimension for the cabinet.

Answer 5:

Please see Corrigendum No. 2.

Question 6:

LOT 1, position 1.2, Notebook: "Video Card " 3Dmark GPU Score 960 or more

For this condition, is it relevant score published on this web site: www.3dmark.com?

Answer 6:

Yes, the score published on web site www.3dmark.com is relevant.

Question 7:

Item 3.1

Could you possibly provide more details on VoIP Gateway such as if ISDN trunks are required and if so, how many? Are analogue lines required for use with analogue devices such as fax and if so, how many analogue lines are desired. What is the desired capacity of IP clients on the gateway?

Answer 7:

Minimum one ISDN trunk is required.

Analog lines are not required (different approach will be used for FAX).

Minimum one IP client (Ethernet port) is required (IP Clients, as well as Gateway, will be connected directly to Virtual PBX over Ethernet; Gateway therefore needs only one Ethernet port for communication with server).

Question 8:

Item 3.2

Is it necessary for the IP phones to support codec G.726 or is this codec optional as it is most commonly supported on DECT wireless phones?

Answer 8:

Yes, it is necessary for IP phones to support codec G.726.

Question 9:

Lot 1, Item no. 1.4. All In One PC

It is required to offer All In One PCs with HDMI port.

Some brand name vendors offer 23" AIO PCs only with Display Port.

Is it acceptable to offer AIO PC with Display Port and video adapter to provide additional connectivity?

1. Display Port to HDMI, or
2. Display Port to DVI-D

Answer 9:

Yes, it is acceptable to offer Display Port with video adapter which provides additional connectivity to HDMI.

Question 10:

LOT1, Item no. 1.8. Cloud Network Switch 10GbE

Please clarify what kind of 10GbE port are required, 10 Gigabit Ethernet (10GBase-T) or 10 Gigabit Ethernet Fiber ports?

Answer 10:

10 Gigabit Ethernet (10GBase-T) ports are required on Network Switch.

Question 11:

LOT 1, position 1.5, Cloud Management Server: "Min memory" 16GB 1333MHz UDIMMs

We are asking you to allow us to offer RDIMM server memory type instead of UDIMM memory, because demanding UDIMM memory favours only one manufacturer.

Answer 11:

Please see Corrigendum No. 2.

Question 12:

LOT 1, position 1.6, Cloud Virtualization Host Server: "Min memory" 64GB 1333MHz UDIMMs

We are asking you to allow us to offer RDIMM server memory type instead of UDIMM memory, because demanding UDIMM memory favours only one manufacturer.

Answer 12:

Please see Corrigendum No. 2.

Question 13:

Regarding the item 6.12. Industrial robot system with 320A MIG/MAG pulsed arc welding machine and positioner, there are two types of rotary positioner which are called as "STD TYPE ROTARY POSITONER" and "K TYPE ROTARY POSITONER" that you may see them at the attachment. Depending on your selection we would like to know the relevant specifications for the intended type of positioner:

If you select STD TYPE ROTARY POSITONER, we would like to know the below specifications:

- Max payload of STD type positioner (kgf):?
- Turntable diameter (Ø) (mm):?
- Base width (Aw) (mm):?
- Base height (Ah) (mm):?
- Robotic Synchronization (Y/N):?

If you select K TYPE ROTARY POSITONER, we would like to know the below specifications:

- Max payload of K type positioner (kgf):?
- Turntables Diameter (Ø) (mm):?
- Fixture Distance (Bl) (mm):?
- Fixture Height to Center (Bh) (mm) :?
- Robotic Synchronization (Y/N):?

Answer 13:

Type and respective specifications must be compatible (synchronised) with the offered robot.

Question 14:

In Lot 1, section 1.8 is not described the media type of ports for the switch. The possible types are copper or SFP+. If is SFP+ do you want offer SFP transceivers for all ports?

Answer 14:

10 Gigabit Ethernet 10GBase-T (copper) ports are required on all ports on the Network Switch.