



**EUROPEAN UNION**

Delegation of the European Union to Bosnia and Herzegovina

### **Clarification No. 1**

**Publication Ref: EuropeAid/136964/C/SUP/BA; EC/BiH/TEN/15/006**

**Subject: "Strengthening Public Revenue - Supply of IT equipment, software and licenses – LOTs 1 and 2"**

**Location: Bosnia and Herzegovina**

**Question 1:** In connection to item 1.11 the specification states "min. 4 x 16 Gb/8 Gb Fibre Channel Ports per controller included". Please specify is it required to offer 4x 16GB Fibre Channel Ports per controller, or 4x 8GB Fibre Channel Ports per controller?

**Answer 1:** Both speeds meets specification required (4x16Gb/s or 4x8Gb/s FC ports per controller).

**Question 2:** In connection to item 1.11 the storage system should be composed of storage controller and two expansion units. Each of these units should have 2U form factor, consuming 6U total rack space. Also, each of these units can hold up to 24 SFF hard drives, having total space for 72 hard drives.

- As you are requesting minimum 74 hard drives, please change the technical specification to be able to offer three expansion units, consuming 8U total rack space.

- This storage should be able to expand up to 150 hard drives with expansions. As controller and expansion units can have 24 drives, please change to total number to 144 hard drives.

**Answer 2:** 2U storage with possibility to include at least 24 SFF drives is required, with possibility to upgrade up to 150 drives using additional expansions. 2U expansions are required for storage with possibility to include at least 24 SFF drives each and 74 drives. If you plan to offer three boxes (storage + two EXPs) each with 24 SFF drive slots, 72 drive slots in total, it meets specification, but you need to offer 74 drives in this case, two of them will be on-shelf reserve.

**Question 3:** In connection to item 1.12 the specification states "Processor min. Passmark CPU 17500 or higher".

- Please specify is this benchmark score for one or more processors?

- How many processors should this server have?

**Answer 3:** Benchmark stated is for one processor, and four processors per server are required. Please refer to Corrigendum No 1.



## EUROPEAN UNION

### Delegation of the European Union to Bosnia and Herzegovina

**Question 4:** In connection to item 1.12 technical specifications indicates that this server should have processor from Intel E7 series. As there are very few benchmarks with this type of processor, especially for the latest v3 generation of processors, please clearly indicate what kind of processors should be offered – number of cores, frequency and cache.

**Answer 4:** Type of processor required has specification of frequency min 2.3 GHz, 12 cores, 24 MB cache per processor.

**Question 5:** In connection to item 1.12 is it possible to offer 2U server with 1200W redundant power supply, giving necessary degree of fault tolerance.

**Answer 5:** 4U server with at least four Hot Plug 1200W PSU is required.

**Question 6:** In connection to item 1.12 technical specification states that RAID Controller should have the following “12 Gb/s SAS capable, PCIe 3.0, RAID controller. min 16 physical SAS/SATA lanes each capable of supporting 12Gb/s or 6 Gb/s SAS or SATA protocol. RAID 6, RAID 60, RAID 5, RAID 50, RAID 1&10. Min 4GB Backed Write Cache”. This storage controller is HP Smart Array P830, and there is no other vendor/model that can fulfil these requirements. Please omit this paragraph to offer fair and competitive tender participation, or change the request to industry standard 8 physical SAS/SATA lanes with 2GB cache.

**Answer 6:** Two SAS controllers per server, each with 4GB Write Cache and 8 physical SAS/SATA lanes, and all other features as described in tender dossier are required.

**Question 7:** In connection to item 1.12 the specification states “Flex Adapter 10Gb 2-port SFP+”.

- Please clarify what is indicated Flex Adapter?

**Answer 7:** Indicated Flex Adapter: 10Gb 2-port SFP+ Ethernet

**Question 8:** The technical specifications lead to products branded HP: can we offer products from other brands if they comply with the technical characteristics requested?

**Answer 8:** If satisfying minimal hardware requirements and if compatible with existing storage any product /brand will be acceptable provided it is of eligible origin as per IPA regulation.



**EUROPEAN UNION**

Delegation of the European Union to Bosnia and Herzegovina

**Question 9:** Only products from internationally known brands are covered by an international warranty, whereas assembled IT products lack international warranty coverage. Do you accept also assembled IT products with no international recognized brand?

**Answer 9:** As long as covered by the warranty compliant with article 32 of the General Conditions any product either assembled or of the international brand will be acceptable provided it meets TS requirements and originates from IPA eligible country. Please see also Corrigendum 1 to the Tender Dossier.

**Question 10:** In connection to item 2.8 the product's technical specifications are a mix from two different, incompatible brands. Please change the hardware and/or software specifications in order to be able to offer a coherent and functional product.

**Answer 10:** As per Market Research conducted, there are at least 3 products compliant with the required specifications.

**Question 11:** Could you please clarify whether we have to submit only one electronical version attached to the original copy of the financial offer or should each copy of the financial offer be accompanied by one electronical version?

**Answer 11:** One electronical version to the original is sufficient. Please note that the printed version always supersedes the electronical in case of any discrepancy.

**Question 12:** The technical specifications lead to amounts that differ from the calculation of the 1-2% of the tender guarantees, as per the Practical Guide. Could you confirm that the tender guarantees you requested are in line with the Practical Guide, article 4.3.2? For lot 2 we consider the tender guarantee indicated to be too low with respect to the total amount of the offer.

**Answer 12:** Yes. We confirm that the tender guarantees are in line with PRAG.

Yours sincerely,

Dimitrios KALOGERAS

Head of Contracts, Finance and Audit Section