Republic of Serbia

MINISTRY OF FINANCE

Department for Contracting and Financing of EU Funded Programmes (CFCU)

CONTRACTING AUTHORITY'S CLARIFICATIONS No. 1,

Supply of equipment necessary for establishing Integrated Administration and Control System (IACS) (I phase)

21SER01/61138/201225/2.1.2/02
EC-ENEST/BEG/2025/EA-OP/0090

No	Question	Answer
1.	In the technical specification, among other things, RAID 50 is also required. Is RAID 50 necessary, since it is very rarely used on all-flash production storage systems. Will you accept as a valid offer a system that does not have RAID 50, but which meets all the other required characteristics?	Please note that a system without RAID 50 is not acceptable, all listed RAID options included RAID 50 must be supported. Please note that requirement stipulated in Annex II + III: Technical specifications + Technical offer must be strictly respected.
2	In the technical specification for Lot 3, under section 3.2 Storage; Considering requirements for Controllers as minimum 64 CPU cores and 192GB memory per system, these requirements are not relevant for storage performance especially number of cores which eliminate competitiveness and don't allow a broader range of vendors to participate. Are you willing to accept All Flash NVMe Storage systems providing similar performance level still (more than 500.000 IOPS projected for Random Read 70% / Random Write 30% using 8KB block size workload and more than 5GBps throughput) based on streamlined and efficient Operating System able to reach such performance using less resources like 32 CPU cores and 128GB memory per system, but upgradeable 4 times more based on clustering option and with support of Intel CPU Quick-Assist Technology (Intel QAT) – designed to accelerate data encryption and compression processes in order to better serve data to Enterprise applications. We kindly ask you to consider removing or modifying this requirement in order to increase competitiveness and allow a broader range of vendors to participate.	Please note that the storage must have all the required features: Minimum 64 CPU cores in the storage system, Controller memory: 192 GB per system (96 GB per controller). During the process of tender preparation, market research has shown that this will not eliminate competitiveness.

3	In the technical specification for Lot 3, under section 3.2 Storage; Considering requirement for RAID options are you willing to accept Storage Systems providing similar protection against drives failure (or even better) by presenting several options to protect data like one drive protection failure, 2 drives failure protection and even triple drive failure protection to which hot spare is add complementary protection needed especially when 2 Controller Storage system is able to scale to 72 drives and offering 99,9999% availability.	Please note that requirement stipulated in Annex II + III: Technical specifications + Technical offer must be strictly respected, which means that all listed RAID options must be supported. In addition, in the Technical Specifications is stated: *"Unless otherwise specified, the requirements in these Technical Specifications are presented as a minimum standard which the offered goods must meet"*.
4	In the technical specification for Lot 3, under section 3.1 Server; There is a typo in specification under Network adapter so we assumed the same nomenclature for number of ports on 10/25GbE adapter is used as with 16G FC adapter, do we need an offer 2x 10/25GbE adapters with 2-ports (4x 10/25GbE ports in total) or 1x 10/25GbE adapters with 2-ports (2x 10/25GbE ports in total)?	Please note that required number of 10/25gbE adapters is 1x 10/25GbE adapters with 2-ports. We confirm typo in the technical specification. On the page no. 2 in the table LOT 3 Server and storage, for the item number 3.1. in the column Specifications required, instead of: "Network adapter: 1x 16G FC 2-port adapter 2x 10/25GbE SFP28-port PCIe Ethernet Adapter with SFP module" Correct text is: "Network adapter: 1x 16G FC 2-port adapter, 2x 10/25GbE SFP28-port PCIe Ethernet Adapter with SFP module." With a comma added between port adapters to separate different items.
5	In the technical specification for Lot 3, under section 3.1 Server; Newer server generations (with newer CPU generations) don't have older OS versions listed as supported (Windows server 2016 and VMware esxi 7.0 U2, 8.0), can you confirm that OS versions that will be used are equal/newer than the following ones that our servers support? (Windows server 2019/22/25, VMware esxi 7.0 U3, 8.0 U2, 8.0 U3, 9.0)	Please note that requirement stipulated in Annex II + III: Technical specifications + Technical offer must be strictly respected, which means that the servers must support all of the listed operating systems.