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United Nations High Commissioner for Refugees
Haut Commissariat des Nations Unies pour les réfugiés

RESPONSE TO INQUIRIES FOR ITB # 011-2018 – SUPPLY, DELIVERY AND INSTALLATION OF TWO (2) SERVERS

1. Regarding the below specification:

Barracuda Networks NG Cloud Firewall VF 8000 (Serial no of existing firewall : 481858)
Advanced Remote Access 5 Years Licenses
Energise Update 5 Years Licenses
Malware Protection 5 Years Licenses

Is the request a license extension for a current machine or procurement of a new machine with a license? If it is a license procurement for an existing machine, as there is a request for 2 machines is one license to be procured for an existing machine and another with the new machine?

Answer: The virtual appliance base license for which the serial is given is already procured. The requested licenses are the additions to this base license. 1 copy of each module is requested, not two.

2. The below licenses are included in the specifications:

16 virtual core SQL server STD + SA + 8 CAL licences

It appears that two of these systems are asked for. Is the request for 32 Virtual Core SQL Server STD and 16 CAL or is the 16 Virtual Core and 8 CAL licenses the total for two machines?

Additionally, SQL Server Licensing is done in packages of 2 Cores. Does this mean that 8 units of 2 Core licenses each are required? In this case the CAL license would not be necessary. Please confirm.

Another licensing option would be to procure 1 SQL Server license (not based on number of Cores) and the required number of CAL licenses.

To summarize it is unnecessary to procure both Core and CAL licenses. Either the Core licenses or Server license with CAL licenses would be needed.

If only 1 SQL server will be established an only 8 users will be connected the option of Server License with CAL licenses is more suitable. Otherwise, if more than one server will be setup using 16 or 32 Core capacity and numerous users will be using the system, then the Core basis licensing would be more suitable.

Answer: The SQL server license is requested such that 16 core is provided in total. A virtual server with a maximum 16 core is planned to be setup on Vmware on which the SQL server will run. Any offer which satisfies this 16 Core requirement is acceptable, whether it is a single 16 Core license, two (2) 8 Core licenses or four (4) 4 Core licenses.



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3. Regarding the specifications of the storage system, given as:

One (1) SAN Unit shall have the following properties:

- The SAN Unit shall connect to 2 servers (one reserve) without a SAN switch and via a 16 Gbit Fibre Channel.
- It shall have at least ten (10) 960 GB or greater SAS SSDs, and at least fourteen (14) 1.9 TB SAS Disks.
- It shall support all RAID configurations including Raid 1-5-10-50.
- One VMWARE 8 CPU and VCenter shall be licenced.

The above system to be connected as a SAN connected storage system does not include many details in the specifications, and thus the product is open to large variation.

Please provide information on the system with regards to the below points:

- What is the required cache on the storage controller?
- Are management and performance software required for the system? (Such as snapshot, tiering, replication, etc.)
- The SAS disks have a standard version of 1.8TB, there is no 1.9TB disk on the market. Please clarify.
- The 960 GB SSDs can be writer intensive, read intensive, or mixed use, is there a preference?
- Are the SSDs to be SAS connected (12 Gbps) or SATA connected (6 Gbps)
- What should be the maximum capacity of the storage system for future additions? (How many additional disk slots should the system have available)

Answer: All disks including the SSD's are to be 12 Gbit SAS. 1.8 TB is the correct specification. SSD's will be mixed use.

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4. In the technical specifications provided in Annex A, it is stated that "There shall be one (1) 32 Core Windows 2016 Server Std. Licence." However, as the Core values change with every brand and model, this specification restricts the competitiveness of the tender. Please clarify if the specification shall be read as "There shall be at least 32 Core Windows 2016 Server Std. Licence"?

Answer: The specification can be read as "There shall be at least 32 Core Windows 2016 Server Std. Licence", however Software Assurance should be provided in either case.