Project Name: Procurement and Development of Cloud Infrastructure (SAN Network) – Lot 3 (MCIT/1404/NCB/G - 13)

No.	Question/Query	Answers
1.	In Section 1.1, regarding the Cisco Switch C9500-24Y4C-A, the ports are initially empty by default. Please note the SFP Transceivers / modules are sold separately	Cisco SFP+ modules mentioned in Section 4.1 will be used in these switches. However, for the 4 uplinks, 40G SFP transceivers are required. Therefore, 4 x 40G SFP modules must be provided for the uplinks.
2	In Sections 1.1 and 1.2, regarding the Cisco C9500-24Y4C-A and C9300L-24T-4X-A switches, for information purpose: Smart Net and DNA is not required.	Smart Net and DNA licenses are not required for the Cisco C9500-24Y4C-A and C9300L-24T-4X-A switches. However, Advantage licenses must be included to ensure full functionality.
3	1.2 section - C9300L-24T-4X this model is not coming with 715W and PoE+. This is coming with 350W and No PoE. please note this point and advise. Note: This model C9300L-24P-4X-A is coming with 715W and 24	We require all switch ports to support PoE functionality. Since the currently specified model (C9300L-24T-4X-A) does not support PoE, it should be replaced with the alternative model C9300L-24P-4X-A, which includes a 715W power supply and 24 PoE+ ports.
4	PoE+ ports. In section 1.4 To upgrade Cisco 9300 licenses (Essential→Advanced). Please provide the existing switches' serial numbers?	The serial numbers of the existing switches are: • FCW2248CHSZ • FCW2248EH64 • FCW2313G0NB • FOC2713Y580
5	In section 1.5 Huawei Cloud Engine Switch or Equivalent you mentioned AC or DC power supply, Please specify exact type of power supply?	The power supply should be AC .
6	In section 2.1 The PowerEdge R750 is end-of-sale. The current new generation PowerEdge R760 is a replacement.	You may proceed with the PowerEdge R760 as a replacement for the R750, provided it meets all technical specifications outlined for the R750 in the project requirements.
7	In section 3.1 For the PowerVault ME424 deployment, please share the model and service tag of your existing ME5 main storage to ensure expansion compatibility.	The existing storage model is ME5024 with the following service tags: 1. BGS1134 2. CGS1134
8	In section 4.1 you need Cisco SFP+ Cisco SFP-10G-SR-S 10GBASE-SR SFP+ Module will be used for C9500-24Y4C-A (quantity 4)?	Yes, the Cisco SFP+ modules (SFP-10G-SR-S) will be used for the uplink ports on both the C9500-24Y4C-A and the C9300 switches, as specified in Section 4.1.

9	In Note Section, line number 2 you mentioned that SAN system must be compatible with your existing OpenStack cloud system. Is this cloud a private or public? Did you face any problem previously? Please note the SAN switch support FC but you mentioned different protocols (Iscl, SMB, NFC, FC) can you explain technically?	Is this cloud a private or public? The current infrastructure is public cloud but for now it's services only open for governmental sectors. Did you face any problem previously? Not yet, it's working properly. Our current infrastructure does not include a SAN. We now require a Fiber Channel (FC) SAN design to provide high-performance, low-latency storage with built-in redundancy. This FC SAN will support our mission-critical workloads and ensure reliability and scalability for our private OpenStack cloud environment. The mention of iSCSI, SMB, and NFS refers to the broader compatibility of the storage environment, but the SAN switch will primarily operate using FC protocol.	
10	What kind of installation & configuration needed in the Cisco switches, Provide details?	installing and configuring the new switches at both the core and distribution levels. This includes setting up VLANs, trunk ports, STP, inter-VLAN routing, redundancy protocols, and basic security and monitoring features. All configurations must align with the existing network design to ensure seamless integration, high availability, and optimal performance.	
11	We can provide the training online & its exam online is can available?	All training sessions will be delivered in person (offline). However, if there are any difficulties or special circumstances, the company can arrange to provide the training and exam online.	
12	What services are need after its installation one year support?	After installation, one year of support services will be required. For all items, the company should provide onground support to address any installation issues or equipment failures due to technical reasons during the support period.	
13	What migration work is included in the project in which level? Please provide the details	The migration work includes replacing two of the existing Extreme switches with new Cisco C9500 switches. The remaining switches will be migrated to another segment of the ANDC network. This ensures alignment with the new network architecture and improves overall performance and manageability.	
14	Do you want to add servers to your current cloud environment? If yes please specify the license و تكالوزي معلوماتي	At the moment, there are no plans to add servers to the current cloud environment. Therefore, no additional licenses are required at this stage.	
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