



International Organization for Migration (IOM)
The UN Migration Agency

Reference No. : UA1-2018-3033

BID BULLETIN NO. 3033-02

Provision of services for design, installation, setting up and implementation of the equipment and software for distributed, high availability infrastructure, in primary and secondary Data Processing Centers of the State Migration Service of Ukraine

14 January 2019

The Bids Evaluation and Awards Committee of IOM Ukraine hereby issues Bid Bulletin No. 3033-02 to answer the following requests for clarifications:

- 1. With reference to ToR clause "4.8.1 General requirements" and requirement stated as "The control and monitoring system must integrate with the following control systems in the Unified State Demographic Register and the Unified Information and Analytical System for Management of Migration Processes: Cisco Prime Infrastructure (PI); Cisco Access Control Server (ACS); Cisco Prime Collaboration; VMware vCenter" please provide a list and date of support from the Manufacturer and provide updates to the software components, software and hardware components available. We also inform you that the Cisco Access Control Server (ACS) Advanced Network Access Control System is out of date.**

IOM's Official Answer:

Software components have Cisco SmartNet support from the manufacturer. Detailed information and a final list of valid support dates will be given to the winner during performance of works.

- 2. According to the specification in Appendix 1, there are no licenses for Cisco servers monitoring. There are also no VMWare monitoring licenses (vSphere with Operations Management). Please confirm the completeness of this specification.**

IOM's Official Answer:

According to preliminary calculations of the SMS, please consider the decision to use the existing licenses to be final.

- 3. Regarding ToR clause "5.2.1 Project Team, General Requirements", kindly note that the certification of Cisco Certified Design Professional (CCDP) Data Center engineers and Cisco Certified Design Professional (CCDP) Routing and Switching is incorrect. Please provide correct certification requirements for these specialists.**

IOM's Official Answer:

A technical error has been made in the TOR. Correct requirement for certification of specialists as follows:

1. Cisco Certified Design Professional (CCDP) Designing Cisco Network Service Architectures
 2. Cisco Certified Design Professional (CCDP) Implementing Cisco IP Switched Networks.
4. **According to the specification, only one Cisco Nexus 56128 is specified. This switch is used to build the SAN factory and, in accordance with the requirement of item 4.3.3 of the TOR, two identical switches are required. Please provide clarification.**

IOM's Official Answer:

ToR and specifications include two Cisco Nexus C1-N5K-C56128P devices.

5. **In accordance with the requirements of ToR clause 4.3.2, a Commvault CommServe server that is configured in the HA (high availability) configuration should be in place in order to ensure setting one on the main site (main), and second on the backup site (stand-by). Please confirm the completeness of the provided backup architecture and data recovery architecture.**

IOM's Official Answer:

According to preliminary calculations of the SMS, please consider the decision not to use high-availability configuration to be final.

6. **Please provide high-level design data, based on which the sizing, specification of server hardware and VSP G200 storage system have been developed. These data are needed to confirm the ability to deploy existing applications and services on the provided computing power.**

IOM's Official Answer:

According to preliminary calculations of the SMS, please consider the decision not to use the HITACHI Global Active Device (GAD), since the quorum area and the backup site are located in the same premise.

7. **With regards to ToR clauses 5.4.1, 5.4.4, 5.4.5, we note that the possibility of functioning of the remote monitoring system relates to the possibility of connecting the system to the Internet. Please provide an explanation as to whether this option will be provided, as ToR does not provide this information. The remote monitoring system should be installed on a separate physical system that does not use the space of data storage systems hosting the OS or data. Please provide information on which particular physical servers from the specification will be involved in installing a remote monitoring system.**

IOM's Official Answer:

Detailed information will be provided to the winning bidder during the execution of works. Currently, the system does not have access to the Internet, but there are channels of communication with the head office.

8. **Please provide a detailed specification of the Data Center servers and equipment for data processing to support all databases, software and service modules of USDR and UIASMMP, as the annexed specifications of Hitachi Vantara equipment are not complete. No specification for one of the HNAS clusters was provided. Please provide the specification of the existing repository because the specification of the existing VPS G1000 retrofit kit is provided, but its current configuration is not specified.**

IOM's Official Answer:

Detailed information will be provided to the winning bidder during the execution of works.

**Bids Evaluation and Awards Committee
IOM Ukraine**