INTERNATIONAL FOUNDATION FOR ELECTORAL SYSTEMS

RFQ-23-029_Hardware for Politdata

Questions and Answers

9/13/2023

Q1. what models of network switches will be used to connect servers and storage?

IFES Response: Dell EMC PowerSwitch S5224F-ON - 2 (two).

Q2. do you have all needed free ports to connect 7 servers with 4 ports 10/25GbE SFP28 per server and Unity 8 ports 25GbE SFP+ totally, summary 36 25GbE ports (according to best practice in two switches for redundancy)?

IFES Response: Information about free ports.

1. Dell EMC PowerSwitch S5224F-ON has 13 free 25GbE ports and 2 free 100GbE ports
2. Dell EMC PowerSwitch S5224F-ON has 14 free 25GbE ports and 2 free 100GbE ports.

We draw the attention of the prospective bidder that the connection must be made based on the number of free ports, but, if necessary, reconfiguration is possible at the stage of "Installation services" work, including already connected equipment to these network switches.

Q3. 5m twinax direct attach cable SFP28 to SFP28 will be enough for connect servers?

IFES Response: Cable length and quantity requirements are specified in the technical requirements for each piece of equipment, respectively. The bidder can offer a cable length longer than specified in the requirements. This will not be considered a violation of the requirements, since "The technical parameters below are minimal. The parameters of actual proposed equipment should be of same or better values."

Q4. 3m twinax direct attach cable SFP+ to SFP+ will be enough for connect storage?

IFES Response: Cable length and quantity requirements are specified in the technical requirements for each piece of equipment, respectively. The bidder can offer a cable length longer than specified in the requirements. This will not be considered a violation of the requirements, since "The technical parameters below are minimal. The parameters of actual proposed equipment should be of same or better values."

Q5. do you have all needed free ports 1GbE to connect management of storage and 7 servers (iDRAC), 9 ports totally?

IFES Response: Yes, infrastructure has enough free ports to connect management of servers and storage.