Questions and Answers list #1

As of February 23, 2018

RFP# 18-3-29

* The included list of materials did not specify any 40G adapters/transceivers needed for cross-connections in between the new Nexus 7706 Switches.

Q: Is the intention of the district to cross-connect them to each other?

A: Yes

Q: If so, how many connections between the Nexus 7706 switches would the customer want to have?

A: Weslaco Independent School District prefers if the backplane throughput is 280G of connectivity between both switches.

Q: What speed would the customer want each one of those cross-connections have?

A: 40G

Q: Would any connections landing on the new Cisco 7706 Core Switches would need to run at 1G?

A: Yes, three connections respectively.

Q: Would you want to have "Dynamic Routing" functions/features enabled and licensed in both new Nexus 7706 switches (or the equivalents)?

A: Yes

Q: Would you want to have "Full Dynamic Routing (like OSPF)" functions/features enabled and licensed in all new Cisco 9500 Switches (or the equivalents)?

A: Yes

Q: Would you want to have "Full Dynamic Routing (like OSPF)" functions/features enabled and licensed in all new Cisco 3850 Switches (or the equivalents)?

A: Yes

* The RFP calls for fiber patch cords, but no specifications around "OM level" are given for Multimode fiber, nor connectors for both ends of the patch cords are specified.

Q: Would you please clarify the "OM Level" for the required Multimode fibers?

A: 62.5 Microns

Q: Would you please clarify the type of connectors needed for ALL fiber patch cords?

A: LC to LC connectors

Q: The RFP calls for several Cisco 3850 Switches or equivalent. Would you please specify how many 10G (uplink) ports are needed per 3850?

A: Weslaco Independent School District would prefer to have up to 12-10G fiber ports available. A copper to fiber transceiver can be proposed.

* Per the manufacturer's minimum requirements (shown below), each Cisco Nexus 7706 Switch, with the exact modules and quantities the RFP specified should be populated with a minimum of 2 power supplies and be fed off 220V alternate current.

Q: Is the district OK with two power supplies added to the Cisco Nexus 7706 Switches to suffice Cisco’s minimum power supply specs?

A: Yes

Q: Would the district be able to provide two 220V outlets per core switch?

A: Yes

* The Cisco 7706 Nexus switches’ dimensions are 15.6 x 17.3 x 31in and, according to Cisco’s spec sheets, those switches can weight up to 325 lbs.

Q: Would the existing racks be able to support such weight and dimensions?

A: Yes

Q: If so, what type of rack rails would you want to see in the quotes?

A: Weslaco Independent School District will require a 2-post rack.

Q: Would the customer be willing to entertain a proposal that includes Cisco Catalyst 9500 switches with single power supply instead of dual power supply?

A: Weslaco Independent School District requires a resilient distribution switch at each campus.

Q: Would the customer be willing to entertain a non-modular (fixed hardware devices) configuration instead of a modular configuration (chassis-based devices) for the new Core Switches? The two core switches at our Network Operations Center must be modular for expansion or performance upgrade.

A: Weslaco Independent School District prefers a modular Core switch.