TabbTech

Communications and Technology
Planning and Design   John A. Tabb, RCDD

April 13, 2020

Monmouth Memorial School

Network Systems
Q/A #1

Due to the timing of the answers to these questions the NEW DUE DATE for Proposals is Friday April 17, 2020 at 2:00 PM.

1. Can you provide AutoCAD (DWG) files for the bldg. **We will be able to provide DWG files to the winning bidder to assist with project management and as-builts. DWG files will not be provided as part of the bid documents.**

2. You indicate the number of AP's – but are you rolling out a 1-to-1 initiative? If so what is the # of students per classroom/school? **From the perspective of the network there is essentially 1:1 now. Approximately 20/classroom**

3. You indicate switches must be stackable up to 16 switches. Will you accept switches capable up to 8 switches in a stack? **Switches that are limited to 8 per stack are acceptable.**

4. How many AP's to be installed in GYM that will need coverings? **One.**

5. What is the approximate ceiling height where AP's will be installed? **Most rooms have a 10' ceiling, a few including Music, Library, and cafeteria have high ceilings which will require a lift to access.**

6. How many SSID's do you expect to have on the WLAN network? **Approximately 850.**

7. What type of authentication will users require to connect to Wi-Fi? **WPA2 pre-shared key minimum.**

8. Will you provide Guest Access to the Wi-Fi network? **The system needs to be capable of supporting guest access.**

9. Are you looking to future proof this design by adding Multi-GIG ports in the initial design? **This is already supported by the specifications.**

10. Are connections from MDF to IDF over a single or redundant 10G links? Is the connection to Monmouth Academy over a single or redundant 10G links? **These connections are over single links as is outlined in the equipment counts.**

11. What device is providing routing between Building/VLANs and to the Internet? **A pfSense firewall, MSLN router.**

12. Will we need to supply a lift or does the school have one that can be used? **The cost of a lift shall be included in the proposal as an alternate. The school may have one by the time this installation takes place but that is unknown at this time.**

13. Will rack space already be allocated for these units or will we need to shuffle gear to make space? **Rack space is already allocated and available.**

14. What type of surfaces will we be mounting AP's to, to ensure proper mounting hardware? Do you have a breakdown of RAIL vs FLAT SURFACE AP mounting? **All except for the gym are expected to be mounted to the ceiling grid.**

15. Will the cut need to be done on off hours or can it be completed during normal business hours? **Normal business hours until August 15, 2020**

16. Are the June 1 to July 1 project dates a requirement? Could the project be scheduled to be started and completed in August? **It is required that the fixed switches be installed, tested and fully operational by July 17, 2020 (earlier if possible) in order to support dependent systems including phones, clocks, and HVAC. The WiFi system may follow at a later time with completion required by August 21, 2020.**