Butler Community College

Request for Proposal for Network Wireless Infrastructure
(Network infrastructure - Wireless)

RFPID: DT-NET-WIRELESS-2017

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Submitted Questions and Answers

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15 July – 2017

1. Is there cabling preference Cat5E or Cat6 or Cat6A?
    a. cable preference is Cat6A blue Plenum

2. Is there a cable management standard for closets?
    a. One is being implemented this year. For the wireless project all patch cables for AP's in the MDF/IDF need to be the same color, TBD color

3. Will we need to replace any IDF closet racks or Posts?
    a. Should not need to replaced, but some racks have very limited open space.

4. Do the racks have enough space to accommodate parallel network?
    a. Some racks have very limited open space.

5. For certain aspects of the solution can virtual machine appliances be used in place of hardware appliances? If Virtual appliances are desired what type of virtual environment will Butler provide: i.e. Vmware ESXI, Hyper-V, Citrix etc. and are there any limitations on the amount of processor, memory or cpu that we should be aware of ?
    a. We are open to proposals for each type of solution. Any virtual appliance exceeding 4 vcpu/cores and 16gb ram per appliance will need to be discussed.

18 July – 2017

1. Are the following locations in scope for this project and can floor plans be provided? Eldorado Locations: bldg 400 collision repair, bldg 1200 facilities mgmt., bldg 1600 educare, Butler McConnell location, Butler Council Grove HS campus, Butler Marion HS campus.
   a. Please see attached for diagrams of the Eldorado locations. There are no drawings at this time available for the McConnell, Council Grove HS campus, or Marion HS campus.

2. Could a Wide Area Network diagram be provided with approximate bandwidth and latency times of traffic from remote locations back to WAN?
   a. Currently no. This will be provided to the winning bidder.

3. Your switch port counts in Appendix A assume a certain number of wireless access points. If we determine there are more APs needed, can we adjust the port count accordingly?
   a. Yes switch port count can be adjusted accordingly if more access points are needed than outlined in the appendix.

4. Can we get further clarification on what is meant by COW wireless as referenced in Appendix A?
   a. A COW is a rolling cart that holds approximately 30 laptops. This cart moved from room to room and is used mainly for student testing.

5. What is the depth of the wall racks you are currently using?
   a. Most locations currently utilize 18" deep racks.