



# ROANOKE COUNTY

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November 11, 2019

## **IFB # 2020-035 Network Equipment for Roanoke County Public Schools**

### **ADDENDUM NO. 2**

#### **Answers to Vendor Questions**

Due Date & Time:  
**December 3, 2019, 2:00 PM**  
**(Local Prevailing Time)**

**IFB # 2020-035**  
**Network Equipment for Roanoke County Public Schools**  
**ADDENDUM NO. 2**

1. **Vendor Questions** – Please see below for question(s) submitted by prospective bidders, and the answers provided by Roanoke County/RCPS as we are able.

A. Are there specific technical requirements you are looking at regarding the specific Cisco products around equivalent?

**Overall Specifications:**

All proposed equipment must be compatible with the district enterprise CISCO 6807 switch infrastructure. All equipment must maintain quality of service throughout the RCPS network for Cisco IP telephony, Cisco Unity, Cisco emergency responder system, Cisco Telepresence video equipment, Cisco wireless infrastructure and the district Cisco data network. Proposed equipment must also work with existing Software House card access system and American Dynamics CCTV equipment.

**Technical Specifications:**

All switching equipment must be stackable and have sufficient power for each port to support all services listed above. Also, all equipment must be compatible with the current VLAN configurations within the RCPS district. All switches must allow connection to Cisco SFP modules. All switches must be capable of supporting 10 Gbps uplinks. All switches must have 48 ports must be capable of 10/100/1000 connections. All proposed switches must have a comparable limited lifetime warranty. Proposed switches must be stackable with a bandwidth capability with a minimum of 480 Mbps support. Switches must have a minimum of 8 GB of Dram, 16 GB of Flash and a minimum of 256 Gbps switching capacity. The switch licensing must be perpetual.

All modules must be capable of 10 Gbps fiber connections and a minimum of 480 Gbps stacking bandwidth support.

All cables must be capable of a minimum of 480 Gbps stacking bandwidth support.

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