

Foresthill RFP 2016-103 Network Equipment Q&A

- What equipment is needed at what site?
 - Foresthill Elementary School
 - 1 layer 3 switch
 - 3 layer 2 switches (48 ports)
 - 3 Wireless Access Points
 - Foresthill Divide School
 - 5 layer 2 switches (48 ports)
 - 6 Wireless Access Points
- What are the throughput requirements for the switching (i.e. 1G or 10G)?
 - 1G ports and 10G SFP+ uplinks.
- Are optics and fiber patch cables required?
 - Yes, both are required.
- What is the manufacturer of your existing wireless system?
 - We are currently using Ubiquiti “Unifi AP AC PRO”. We would prefer to stay with the current product line but still interested in seeing other options.
- Do you need 9 more access licenses (depending on current manufacturer)?
 - We’re looking for physical devices.
- What type/length of support are you looking for on switches and AP’S?
 - 5yrs is preferred but will consider 3yrs.
- What brand of switches are you currently using?
 - We’re currently using Ubiquiti UniFi layer 2 switches and their Edge Switch layer 3. We prefer to stay on this line of products but am open to other suggestions.
- For the layer 3 switch, minimum SFP+ ports? RJ-45 ports?
 - 24 RJ-45 ports and 2 SFP+ ports. SFP+ modules and cables are needed.
- Can you provide desired port count for each of the switches?
 - Layer 2 switches - 48 RJ-45 ports and 2 SFP+ 10G
 - Layer 3 switches – 24 (or 48) RJ-45 ports and 2 (prefer 4) SFP+ 10G
- Would you like to stack the layer 2 PoE switches together?

- No, not required.
- What layer 3 features do you need on the layer 3 switch? Do you need static/inter-VLAN routing or OSPF?
 - Yes, static/inter-vlan, PBR, OSPF, QoS
- We saw the Q&A page that you want us to include the 10G transceivers. How many do you need and what type of fiber do you use?
 - We're currently using '10GB Duplex Multimode 50/125 OM3 Fiber Cable LC/LC Aqua'. 'How many' depends on the new equipment.
- Should the proposal include a WAN connection between sites?
 - No.
- Will the device need to be configured to function in the current FUSD network?
 - Yes
- Will the Wireless Access Points be centrally managed?
 - Yes
- Will the proposal need to include UPS protection for the network equipment?
 - No.