



## REQUEST FOR PROPOSAL

### E-RATE ENTERPRISE WI-FI REDESIGN, EQUIPMENT AND SERVICES RFP #19-680-001

#### Addendum 1.0

**ISSUE DATE:** November 26, 2018

**RFP CLOSING DATE:** December 13, 2018, 2:00 p.m. MST

Poudre School District  
Purchasing & Materials Management  
1502 South Timberline Road  
Fort Collins, CO 80524  
Attention: Karen Wailly, Senior Procurement Agent

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**This notice will serve as an amendment to the above referenced Request for Proposal (RFP).**

1. Can you provide floor plans of each school notating current data drops and access points if possible?  
**Yes. Section 4.6 states, "Floor plans with existing data drops of the 37 school sites will be provided upon request."**
2. Will there be any walkthrough?  
**No**
3. What type of Wi-Fi solution is in place currently?  
**Riverbed Xirrus**
4. Section 5.1.2 requests a "controllerless" solution. Can you elaborate if this means the solution should not include an on-site controller appliance, but rather cloud based?  
**Correct. No on-site controller appliances. Cloud based management platform is preferred.**
5. Should network equipment such as switched be taken into account in any way? i.e. Port counts, POE capabilities, etc.  
**No. Switched network equipment is outside the scope of this RFP.**

6. Are you looking for a complete redesign of access point locations to meet high density requirements or just supplement the existing AP locations to achieve this goal?  
Supplementing existing AP locations is preferred.
7. Will there be VoIP that will utilize the wireless infrastructure?  
There will be limited use of VoIP on wireless infrastructure, but this may change.
8. Will you require location services? If so, how accurate will it need to be?  
Yes. Basic level accuracy
9. Will we have floor plan drawings?  
See #1.
10. Will we have ceiling heights and interior wall thickness or materials?  
Standard school ceiling heights for classrooms, gyms and open areas. Wall thickness varies by building materials used – standard cinderblock, brick and drywall.
11. Total square footage of each site / location  
Exact square footage cannot be provided. Maps are drawn to scale.
12. Outdoor coverage requirements – please identify per site / location  
No outdoor coverage required.
13. Will there be formal walk throughs for each building?  
No.
14. What is the minimum signal strength required everywhere?  
Minimum -65dB or preferably better
15. What type of clients are in use today?  
Laptops, tablets, smartphones, from new to 5+ years old
16. Are there any requirements for 802.11a or 802.11b?  
No.
17. What is the estimated number of unique Guest users at one time district wide?  
Current estimated number is 300, but this may change.
18. How does the District envision OnBoarding for BYOD devices?  
Possible solutions are Google login auth, Microsoft azure auth, voucher, unique PSK. More available solutions for the District to choose from is better.
19. What IoT devices are in use today?  
Mostly HVAC and security equipment. Variety of IoT devices is expected to rise.
20. One requirement was to design the Wi-Fi based on building materials and wall composition, does PSD have this info for each location?

Most locations have a combination of 50% full cinderblock and 50% drywall. Rocky Mountain High School has mostly brick walls and some drywall.

21. How many BYOD devices does the district expect?  
This is unknown currently.
22. Is BYOD really just allowing students to connect to the guest network and use their student credentials to authenticate?  
No BYOD solution is currently in use. If required, students and staff would connect to secure network with BYOD devices. Self-registration and sponsored guest access currently in use is for guests only.
23. What is the BYOD policy?  
None currently.
24. How does the district want to authenticate the clients?  
Radius server auth for secure WIFI. Cloud (preferable) or on-premise solution for guest and BYOD.
25. What security and encryption will be used for the BYOD networks?  
No BYOD solution is currently in use. Possible solutions are Google login auth, Microsoft Azure auth, voucher, unique PSK, or other.
26. Will there be a NAC requirement?  
Not currently
27. Will the district need firewall policies to limit BYOD applications and network access?  
Yes, for both BYOD and guest access.
28. Will the district need to issue per device certificates?  
Yes, for secure network.
29. How will the district protect the data on the devices?  
As far as WIFI is concerned, secure and protected client authentication and association.
30. Will PSD provide end user support for the BYOD deployment?  
This is unknown currently.
31. Will students need access to printers?  
No.
32. Will the provided floorplans include current AP and drop placement?  
Yes.
33. Can you confirm the cabling standard? Are multiple standards in place at different locations?  
CAT 5E in all locations
34. It appears that Poudre School District is requiring both hard copies and electronic copies (via USB drive) of the RFP responses for submission. Will the district accept just an electronic submission via email?  
No. The RFP instructions are:

Two (2) copies of your written Proposal (each in a single binder), as well as one (1) complete PDF electronic copy submitted on a USB drive, shall be sealed in a package, marked with your company name and "19-680-001" and mailed or delivered to:

Karen Wailly  
Poudre School District  
Purchasing & Materials Management  
1502 South Timberline Road  
Fort Collins, CO 80524

35. Will the district be awarding the switch and wireless RFP's to separate vendors?

Each solicitation will be evaluated and awarded separately.

36. Can the district supply an inventory list of the current wireless access points that are currently installed across the district?

A detailed inventory list cannot be provided. District has around 230 HP-Aruba modular network switches and around 1100 Riverbed-Xirrus APs (2-radio, 4-radio and 8-radio models).

37. Does the district have a preferred authentication server that it uses for RADIUS authentication?

Microsoft network policy server

38. Is there a breakdown on a per school basis of total square footage to be covered? Within each school. what is the square footage requiring high density coverage?

Exact square footage cannot be provided. High density coverage is requested, but not limited to open areas – gym, media center, cafeteria, with focus on high schools and middle schools.

39. Wireless Section 4.5.1 asks for the response to include proposed locations for each AP. Are the floorplans available for each school to be covered available? Will those floor plans indicate what coverage density is needed?

Yes. Floor plans with existing AP locations are available. They do not indicate needed coverage density, but will show locations of gyms, cafeterias, media centers and classrooms.

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**The District reserves the right to accept or reject any or all submittals and to waive formalities.**

Printed name: \_\_\_\_\_ Signed name: \_\_\_\_\_

Company name: \_\_\_\_\_ Date: \_\_\_\_\_