

Project Owner:	Rockford Public Schools
Project Name:	District Technology Renovations
Issue Date:	January 13, 2022

PROJECT QUESTIONS AND ANSWERS

*This document provides answers to questions asked by bidders who have reviewed the **Technology Request for Bid** for the above referenced project.*

Q1: Can we please get clarification on what the requirement will be regarding the site surveys? Will this be a virtual only or will it even be required since this is a rip and replace bid?

A: See Addendum #1

Q2: Can you also provide clarification on the need for patch cables? 27 21 33 -44, Item 9 states lengths of patch cables shall not exceed 30FT in length. If this is remove and replace, wouldn't we be re-using existing patch cables?

A: Yes, the contractor is expected to largely re-use the existing patch cables. However, there may be locations that the mounting conditions require a slightly different length of patch cord. The Owner anticipates that there will be a limited number of AP units that will be installed in some high-density areas in addition to the existing units. The reuse and/or addition of patch cords will remain the responsibility of the contractor.

Q3: Are wireless location services being used with the current wireless solution? If so, is location information leveraging Bluetooth or wi-fi?

A: No.

Q4: Is all wireless end user traffic currently backhauled to the existing wireless controller or is the end user wireless traffic locally switched on the access point directly onto a VLAN on the access switch? Are all SSIDs switched in the same fashion?

A: All wireless traffic is currently managed and classified by the centralized ClearPass Server "controller" and is not directly "dumped" to the access switch at layer 2.

Q5: Is locally switching end user traffic at the access point onto the local access switch an acceptable design?

A: No, the Owner does not intend to provide wireless services directly to a layer 2 level.

Q6: How many 802.1x/Radius SSIDs are there and how many WPA2, etc. (static password-based) SSIDs are there in the environment?

A: Only 1 802.1x SSID. Four (4) WPA2 SSIDs.

Q7: Is there a guest SSID in the current environment?

A: Yes.

Q8: In section 2.05 E., would the Radius server configuration be the responsibility of RPS while the Radius configuration on the wireless solution being the responsibility of the contractor?

<i>Bid ID: 2723</i>	Communications by Design, Inc.
<i>Questions and Answers Issued: January 31, 2022</i>	<i>Proprietary Information – All Rights Reserved</i>

A: The Owner will provide a VM for the recommended and Contractor provided Radius server software platform. The Owner will configure and “install” the VM and base server with direction from the Contractor. The Contractor will be responsible for all Radius Software Configuration and AP integration with the Radius platform.

Q9: What Radius server manufacturer/solution will be deployed and configured by RPS for the new wireless solution?

A: See Q8.

Q10: How many years for subscriptions/support is desired?

A: Refer to the contract/specification document for details related to the required warranty period for all components of the solution being bid.

Q11: What is the remaining POE power budget on the access layer switches (if new access points require more power than existing)?

A: The AP power requirements are defined in the document. Additional PoE power budget details for the Owner’s switches are the responsibility of the Owner, and not relevant to the bids requested.

END OF QUESTIONS AND ANSWERS #1

<i>Bid ID: 2723</i>	Communications by Design, Inc.
<i>Questions and Answers Issued: January 31, 2022</i>	<i>Proprietary Information – All Rights Reserved</i>