



**Request for Proposal: Wireless Infrastructure**

**Release Date: February 21, 2020**

**Bid Due Date: March 20, 2020**

**BANKS SCHOOL DISTRICT**

**12950 NW Main St.**

**Banks, OR 97106**

**E-rate Identifier: Category TWO RFP:  
Wireless Infrastructure**

**Banks School District #13 –Banks, OR**  
**Request for Proposal**  
**“Wireless Infrastructure”**  
**Posted on 2/21/2020**

**Purpose**

Use of technology by staff and students is integral to the teaching and learning process in Banks School District. The goal of this project is to provide sufficient wireless access to support an increasing number of student and staff devices as well as an increase in the use of online resources to meet teaching and learning needs. The proposed upgrades in this RFP will meet our District’s wireless needs over the next five or more years.

**Current Wireless Environment and Proposed Upgrade**

Banks School District, in Banks, Oregon is seeking proposals to upgrade our wireless infrastructure. Implementation of the project is planned for early summer and fall of 2020. Banks School District’s current wireless environment is comprised of sixty-five (65) licensed Ruckus Access points (AP’s), three (3) outdoor Ruckus point-to-multipoint wireless bridges, and a Ruckus Wireless Zone Director 3000 controller.

Specifically we are looking for one (1) five-year virtual Smartzone 3.0 or newer virtual appliance license, sixty-eight (68) cloud based or virtual access point subscriptions licenses, twenty-eight (28) indoor wireless access points, and three (3) outdoor wireless bridges. The reason the AP subscription license number is higher than the number of AP’s is that we do not seek to replace all of our AP’s as part of this project.

Where a manufacturer's name, brand, model or part number is given as an example, the words “or equivalent” follows thereafter. Vendors are encouraged to generate their own proposals that would offer equipment equivalent to the possible wireless upgrade in the following examples.

**Example of Controller and Licensing**

One (1) five-year virtual Smartzone 3.0 or newer virtual appliance license for Ruckus Smartzone virtual controller (LE9-VSCG-WW05) or equivalent. One Instance includes one license with 5 year Warranty.

### Example of Access Point and Subscription License Upgrade in School Facilities

School	Ruckus 610 AP or equivalent Classrooms	Ruckus P300 or equivalent Field/Wrestling Building	LE9-0001-SG05 AP License or equivalent
Banks High School	5	2	26
Banks Middle School	13	1	17
Banks Elementary School	10		25
<b>Total Count</b>	<b>28</b>	<b>3</b>	<b>68</b>

#### Wireless Controller Requirements

- Controller provides central management to all Wireless Access Points and Wireless point-to-point Wireless Bridges.
- Controller can be physical, virtual, or cloud based.
- Licenses, subscriptions, and support for 65 Wireless Access Points and 3 Wireless Bridges
- Costs of controller, licenses, and/or subscriptions must be charged to each school based upon the number of AP's at that school. Each school must be listed as its own line item.
- 5 Year license/subscription to the management portal.
- Migration support from current Zone Director to updated Wi-Fi Management portal

#### Indoor Wireless Access Point Requirements

- 802.11a/b/g/n/ac Supported Rates
- 5GHz: 4x4x4 Radio Chains: Streams
- Smart Mesh capable

Ruckus R610 or equivalent is preferred. Reference design can be located here:

[http://www.banks.k12.or.us/uploads/4/3/1/5/43150659/ruckus\\_zoneflex\\_r610.pdf](http://www.banks.k12.or.us/uploads/4/3/1/5/43150659/ruckus_zoneflex_r610.pdf)

#### Outdoor Wireless Point-to-Multipoint Wireless Bridge Specifications

- 802.11a/b/g/n/ac Supported Rates
- 5GHz: 4x4x4 Radio Chains: Streams
- Operating temperature for at least -20°C to 50°C

Ruckus ZoneFlex P300 or equivalent is preferred. Reference design can be located here:

<http://www.banks.k12.or.us/uploads/4/3/1/5/43150659/ruckusp300.pdf>

### **Bid Due Date and Conditions**

- Bids submitted after March 20, 2020 at 3:59 PM PST will not be considered
- Submission can be may be made by email or paper copy
- If submitting by email, please call to verify that it is received. Banks School District cannot be responsible for an RFP sent through email without the vendor verifying that it was sent and received.
- Email Submissions must include “**Wireless Infrastructure - 2020**” in the subject line.

**Proposals received after the exact time and date noted will NOT be considered.**

Contact information:

Banks School District  
Attn: Dr. Max Sigander  
12950 NW Main St  
Banks, OR 97106

Phone: 503-324-8591

Email: [maxs@banks.k12.or.us](mailto:maxs@banks.k12.or.us)

### **Reservations and Annulments**

Banks School District reserves the right to award all or no portions of this RFP to a single or multiple bidders. The District reserves the right to accept or reject any or all proposals and to waive any and/or all technicalities in the interest of the District. The District further reserves the right to increase or decrease the given quantity. In the event quantities are increased or decreased, the amount added or deducted shall be based upon unit prices quoted.

### **Considerations of proposals**

Banks School District shall have the right to accept or reject any or all Proposals, or any part thereof; to waive any technicalities in the interest of the District.

### **Proposal errors**

All proposals shall be deemed final, conclusive, and irrevocable, and no proposal shall be subject to correction or amended for errors or miscalculations by the proposer after proposal opening date.

### **Value added services**

Value added services included in the proposal will be considered for award of contract. All value added services must be declared in detail by the Proposer, in writing, at the time of submittal of the formal proposal.

Any and all proposals needs to include materials, mounting hardware, licensing, activation, initial configuration, testing/certification, and any other related fees. Please indicate any deviations or recommendations in your bid.

**Pricing and payment structure**

The equipment and services will be purchased only following a favorable funding commitment decision letter. This RFP will automatically become part of any contract awarded to a vendor. Once a contract is awarded, the total dollar amount is the responsibility of the District.

**Discrepancies and omissions**

Vendors finding discrepancies or omissions in the RFP or having any doubts as to the meaning or intent of any part thereof shall submit such questions or concerns to Max Sigander, Banks School District, [maxs@banks.k12.or.us](mailto:maxs@banks.k12.or.us). Addenda issued in correspondence to this RFP shall be considered a part of this RFP and shall become part of any final Contract that may be derived from this RFP. This RFP and its addenda will be part of any possible future contract with successful vendor(s).

**Contingencies**

This RFP should not be considered as a Contract to purchase goods or services, but is a Request for Proposal in accordance with the Terms and Conditions herein and will not necessarily give rise to a contract. However, RFP responses should be as detailed and complete as possible to facilitate the formation of a contract based on the RFP response(s) that are pursued should Banks School District decide to do so. Proposals stating that pricing is valid dependent upon availability and/or subject to prior sale will be considered as non-responsive.

Vendors must submit RFP responses by the due date and time as specified herein. Electronic submissions will be accepted if created in PDF format and e-mailed to [maxs@banks.k12.or.us](mailto:maxs@banks.k12.or.us) by the due date and time as specified herein. Date and time stamp of the receiving computer (Pacific Standard Time) will govern all e-mails. Vendors will be considered nonresponsive if the above requirements are not submitted as requested. Banks School District has the right to reject all submitted proposals and resubmit for new proposals through a revised RFP.

If no bids have been received following the 28 day waiting window the District reserves the right to extend deadline and proper notification(s) will be posted accordingly.