



**Request for Proposal: Network Router, Switches,
Wireless Access Points, and Associated Products**

Release Date: February 22, 2019

Bid Due Date: March 22, 2019

BANKS SCHOOL DISTRICT

12950 NW Main St.

Banks, OR 97106

**Erate Identifier: Category TWO RFP: Network Router,
Switches, Wireless Access Points, and Associated
Products**

Banks School District #13 –Banks, OR
Request for Proposal
“Network Router, Switches, Wireless Access Points, and
Associated Products”
Posted on 2/22/19

Network Router, Switches, Wireless Access Points, and Associated Products

The amount of devices accessing the The Banks School District on a daily basis has steadily increased over the last several years. Alongside the use of more devices needs for stable wired and wireless connections have increased proportionally. Banks High School, in Banks, Oregon is seeking proposals for one (1) Router, three (3) Network Switches, twelve (12) indoor wireless access points, and three (3) outdoor wireless access points with associated products to support our expanding network infrastructure.

Banks School District (The District) will install and/or upgrade portion of the school Districts supporting network equipment to support Internal Connections in each school in the District. Guidance for the purchases will follow the 2019 Eligible Services List, found at <http://www.usac.org/sl/applicants/beforeyoubegin/eligible-services-list.aspx>

Router Specifications

- 24x 1G Base-T PoE+ ports minimum
- 4x 10G SFP+ and/or 25G SFP28 ports minimum
- 2x 40G QSFP and/or 100G QSFP28 ports minimum
- VRF-Lite, with ospf, ospf3, pim, dhcp forwarding
- QnQ
- 9000 MTU minimum
- 16,000 IPv4 ARP table minimum
- 32,000 MAC table minimum
- IPv6
- Support for SR, LR, ER, ZR, BiDi, and DWDM optics, preference for third party compatibility options
- Dual power
- Virtual chassis support
- Prefer lifetime warranty
- Flexible vlan tagging and ethernet encapsulation

Juniper EX3400-24P or equivalent is preferred. Reference design can be located here: http://www.banks.k12.or.us/uploads/4/3/1/5/43150659/ex3400_ethernet_switch.pdf

Network Switch Specifications

- 4+ 10GbE ports
- 48 Port PoE+ Switch
- IEEE 802.1s Multiple Spanning Tree
- Allow modification of port names
- VLAN support and tagging

HPE Aruba 2540 48G PoE+ 4SFP+ managed and rack mountable switch. Mfg.Part: JL357A or equivalent is preferred. Reference design can be located here:

http://www.banks.k12.or.us/uploads/4/3/1/5/43150659/aruba_2540_jl357a_switch.pdf

Indoor Wireless Access Point Specifications

- 802.11a/b/g/n/ac/ax Supported Rates
- 5GHz: 8x8:8 Radio Chains: Streams
- 20, 40, 80MHz Modulation
- Smart Mesh capable
- Up to 2 dBi Frequency Bands

Ruckus R730 or equivalent is preferred. Reference design can be located here:

<http://www.banks.k12.or.us/uploads/4/3/1/5/43150659/ruckus-r730.pdf>

Outdoor Wireless Access Point Specifications

- 802.11a/b/g/n/ac Supported Rates
- 5GHz: 4x4x4 Radio Chains: Streams
- 20, 40, 80MHz Modulation
- Smart Mesh Capable
- Operating temperature for at least -20°C to 50°C

Ruckus T710 or equivalent is preferred. Reference design can be located here:

<http://www.banks.k12.or.us/uploads/4/3/1/5/43150659/ruckus-t710.pdf>

March 22, 2019 at 11:59 AM PST

- Submission 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 “**Network Hardware - 2019**” in the subject line.

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

Contact information is:

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

Phone: 503-324-8591
Email: 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. One example of this will be for the wireless access points where device license is not needed although support for the wireless access points may be included in the 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. 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 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.