



Lake Pend Oreille School District #84

Technology Department | 901 Triangle Drive | Ponderay, Idaho 83852

Phone: 208-263-2184 x. 1030 | Fax: 208-263-5053

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Request for Proposal (RFP): Wireless Access Points and Managed PoE Switches Lake Pend Oreille School District #84

1. SUMMARY AND BACKGROUND

Lake Pend Oreille School District is currently accepting proposals to purchase new wireless access points and managed PoE gigabit switches. The new wireless access points will be 802.11ac compliant. The new wireless system must be able to accommodate our ongoing 1:1 iPad and Chromebook initiatives in the Lake Pend Oreille School District. The new wireless system must work with our current system deployed at 7 elementary schools and the Sandpoint Middle School. The new wireless system is for Sandpoint High School, Clark Fork Jr/Sr High School and Lake Pend Oreille High School.

The existing Lake Pend Oreille School District consists of thirteen locations:

District Office

901 Triangle Dr.
Ponderay, ID 83852

Facilities Department

1520 Baldy Mountain Road
Sandpoint, ID 83864

Clark Fork Jr./Sr. High School

121 E. Fourth Ave
Clark Fork, ID 83811
Student Enrollment: 115

Farmin-Stidwell Elementary School

1626 Spruce Street
Sandpoint, ID 83864
Student Enrollment: 478

Hope Elementary School

255 Hope School Road
Hope, ID 83836
Student Enrollment: 103

Kootenai Elementary School

301 Sprague Ave.
Kootenai, ID 83840
Student Enrollment: 428



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Lake Pend Oreille High School

1005 N. Boyer
Sandpoint, ID 83864
Student Enrollment: 85

Northside Elementary School

7881 Colburn-Culver Rd.
Sandpoint, ID 83864
Student Enrollment: 166

Washington Elementary School

420 South Boyer
Sandpoint, ID 83864
Student Enrollment: 314

Sagle Elementary School

550 Sagle Road
Sagle, ID 83860
Student Enrollment: 273

Southside Elementary School

Southside School Road
Cocolalla, ID 83813
Student Enrollment: 132

Sandpoint Middle School

310 South Division
Sandpoint, ID 83864
Student Enrollment: 498

Sandpoint High School

410 South Division
Sandpoint, ID 83864
Student Enrollment: 1034

The purpose of this Request for Proposal (RFP) is to seek proposals from various candidate organizations, conduct a fair and extensive evaluation based on criteria listed herein, and select the candidate who best represents the direction of the Lake Pend Oreille School District #84 wishes to go. The Lake Pend Oreille School District has approximately 3720 students K-12 and is striving to provide 21st century skills to each and every student in the always changing technological society.



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2. PROPOSAL GUIDELINES

This Request for Proposal represents the requirements for an open and competitive process. Proposals will be accepted until 1:00 pm/PST, January 16, 2018. Please indicate on the sealed bid envelope, “*Wireless Access Points & PoE Managed Switches.*” Any proposals received after this date and time will be returned to the sender. An official agent or representative of the company submitting the proposal must sign all proposals. All proposals should be sent to and titled accordingly. Proposals can be delivered to the District Office via mail, delivery service, in person, or by other means as long as it follows the guidelines and is here on time. The Lake Pend Oreille School District is not responsible for late delivery when the USPS or other delivery service is used.

Lake Pend Oreille School District Office
Wireless Access Points & PoE Managed Switches
Attn: Clerk of the Board
901 Triangle Drive
Ponderay, ID 83852

- E-rate does not support the payment of subcontractors. All responding vendors will be responsible for the payment of any subcontractor under the vendors SPIN.
- All costs must be itemized to include an explanation of all fees and costs, this includes installation, configuration, and cabling infrastructure for access points and switches.
- Contract terms and conditions will be negotiated upon selection of the winning bidder for this RFP. All contractual terms and conditions will be subject to review by the Lake Pend Oreille School District #84
- All proposals must contain the responders SPIN (Service Provider Identity Number) issued by the SLD.
- Site visits are available and encouraged by reservation only.
- Proposals shall be submitted by mail to the District Office only. No electronic copies will be permissible.

3. PROJECT PURPOSE AND DESCRIPTION

The purpose of this project is as follows:

The Lake Pend Oreille School District wishes to install a wireless network with 802.11ac compliant wireless access points at Sandpoint High School, Clark Fork Jr/Sr High School, and Lake Pend Oreille High School with the goal of providing one access point in every classroom, office area and other designated locations and replace current access points and switches which are currently not owned by the District.

Project Description:

The Lake Pend Oreille School District is seeking a vendor to provide 802.11ac wireless access points that are able to work seamlessly with our existing wireless network. Unless noted, existing PoE devices will



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not be used and therefore new switches will be installed with the specs listed below. Bidder will determine the number of runs per telecom closet/cabinet which will determine the number and size of the PoE switches required for each telecom closet/cabinet.

4. PROJECT SCOPE

Wireless Access Point Specifications:

The following criteria must be met to achieve a successful project:

- Provide proposal for 112 Meraki MR33 or equivalent wireless access points that will be placed in the following areas
 - Sandpoint High School - 74
 - Clark Fork Jr/Sr High School - 21
 - Lake Pend Oreille High School - 17
- Software or cloud based controller
- 802.11ac compliant
- PoE+ compliant
- Enterprise grade

Switch Minimum Specifications:

The following criteria must be met to achieve a successful project.

- Cloud managed gigabit access switches with routing capability
 - 1 - Layer 2 Meraki MS225 48 port or equivalent Gigabit Access Switch
 - For use at Sandpoint High School
 - Non-blocking switch backplane with 176 Gbps bandwidth support
 - 48 port PoE switch requires a minimum of 740W max power consumption
 - Stacking capability
 - Minimum 10 Gbps uplink capability
 - 6 - Layer 2 Meraki MS225 24 port or equivalent Gigabit Access Switches
 - 3 for Sandpoint High School
 - 2 for Clark Fork Jr/Sr High School
 - 1 for Lake Pend Oreille High School
 - Non-blocking switch backplane with 128 Gbps bandwidth support
 - 24 port PoE switches require a minimum of 370W max power consumption
 - Stacking Capability
 - Minimum 10 Gbps uplink capability
 - 6 - Layer 2 Meraki MS220 8 port or equivalent Gigabit Access Switches
 - 4 for Lake Pend Oreille High School
 - 2 for Sandpoint High School
 - Non-blocking switch backplane with 20 Gbps bandwidth support
 - 8 port PoE switches require a minimum of 124W max power consumption
 - Minimum 1 Gbps uplink capability
- PoE+ compliant
- Any and all SFP modules, stacking cables and uplink cables must be included.
- Appropriate cabling specifications should also be included



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Licensing

- 3 yr licensing with included 24x7 tech support

Cable and Installation

- Bidder will determine the quantity of cabling and installation costs based on runs to closet/cabinets connecting switches and access points.
- Cable runs from patch panels to access points will be terminated to a keystone jack in a box and the access points will be connected with patch cables.
- Bidder will include in proposal necessary patch panels, patch cables and uplink cables to complete installation
- Access point protection will be provided for high impact areas
- Wall mounted racks must be installed on backboards. The following enclosures are needed:
 - Sandpoint High School
 - 1 - Tripp Lite SRW9U 9U Wall Mount Enclosure or equivalent
 - 2 - Tripp Lite SRW6U 6U Wall Mount Enclosure or equivalent
 - Clark Fork High School
 - 2 - Tripp Lite SRW6U 6U Wall Mount Enclosure or equivalent
 - Lake Pend Oreille High School
 - 1 - Tripp Lite SRW6U 6U Wall Mount Enclosure or equivalent
- Bidder will include in scope of work any and all work, configuration or other services needed in relation to new or existing network equipment to ensure full functionality of new switches and access points at project completion.

5. REQUEST FOR PROPOSAL AND PROJECT TIMELINE

Review of Proposals, Timeline and Awards:

The USAC-SLS Guidelines, available at <http://www.usac.org>, make it clear that applicants must use “an open and fair competitive bidding process” in order to qualify for E-rate funding.

Timeline:

December 19, 2017: RFP released to bidders

January 16, 2018: 1:00 pm/PST deadline for submissions and bid opening

The Lake Pend Oreille School District will evaluate proposals and select a provider or choose to reject all proposals. If a provider is selected, the School Board of Trustees will be asked to approve the successful service provider and commence negotiating a contract that adheres to all Idaho laws at their next scheduled meeting.

6. BUDGET

All proposals must include proposed costs to complete the tasks described in the project scope. Costs should be itemized where possible. Costs should be broken down individually by school.



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NOTE: All costs and fees must be clearly described in each proposal

7. BIDDER QUALIFICATIONS

Bidders should provide the following items as part of their proposal for consideration:

- Proposed timeframe for completion of the project
- Must have a current SPIN from USAC
- Idaho Public Works License
- Cisco Certification

8. PROPOSAL EVALUATION CRITERIA

The Lake Pend Oreille School District will evaluate all proposals based on the following criteria. To ensure consideration for this Request for Proposal, your proposal should be complete and include the following criteria:

- Value and cost of the eligible and ineligible products and services: Bidders will be evaluated on the cost of their solution(s) based on the work to be performed in accordance with the scope of this project.
- Prior experience with the vendor: Has the district worked with this vendor in prior instances?
- Previous work: Bidders will be evaluated on examples of their work pertaining to installation of infrastructure as well as client testimonials and references.
- Local or in-state vendor
- Flexible invoicing: FCC Forms 472

Questions regarding this RFP are to be directed to Matt Brass, Director of Technology, Lake Pend Oreille School District #84: matthew.brass@lposd.org