

OBJECTIVE:

20171031_WSD_Fiber Hardware
Form 470 Application # 180000036
WDM Fiber Endpoint Hardware Solution
WENATCHEE SCHOOL DISTRICT #246

WENATCHEE SCHOOL DISTRICT #246 (WSD) is seeking proposals for endpoint hardware on the accepted CSDM dark fiber for the 2018-2019 E-Rate year. WSD is soliciting proposals for purchasing and installation of district-wide endpoints (16 locations) and one core location (District Office). All installation, testing, and certifications are to be completed within local, state, and E-rate guidelines and regulations.

SERVICES REQUESTED:

Goals are to have a high-speed network backbone that will provide 1Gbps with an option of 10Gbps connections to each of its 16 anchor schools consolidating to core district operations.

SCOPE AND HISTORY OF PROJECT:

WSD currently uses Cisco routers on the WAN, HP switches on the LAN, and Ruckus wireless controllers in its network, and aims to use gigabit/ POE gigabit Ethernet or better hardware throughout internal connections.

The RFP reflects the current proposed services requested on the E-rate 470 forms. The proposal embodies the entire Wenatchee School District

Wenatchee School District 246 consists of sixteen sites and one core site:

- 7 Elementary Buildings (K-5)
- 3 Middle Schools (6-8)
- 2 High Schools (9-12)
- 3 Alternate Education sites (Castlerock ECLC, Valley Academy, and WVTSC)
- 1 Operational Division location (Maintenance and Technology)
- District Office (core)

Basic Existing Network Overview:

There are currently 18 locations on leased fiber and provisioned by the owner/carrier as a single VLAN using routing via Cisco 2901 and all circuits consolidating in the district office MDF where services are handed off to the border group and passed to the state K-20 as a service provider. 2 of these locations will not be covered on this network or RFP and will be managed under a separate 470.

Wenatchee School District has awarded the dark fiber service that will be accomplished in the 2018-2019 E-rate window and is now looking to compliment that winning service bid with the proper hardware to match the CWDM topology awarded.

The currently wireless controller is a Ruckus VSZ that controls 300+ wireless access points at the Wenatchee School District locations.

SERVICE PROVIDER CRITERIA AND CONTRACT REQUIREMENTS

Wenatchee School District 246 wishes to take advantage of E-Rate funding discounts. Bid prices must remain firm for a period of 180 days after award of contract. A contractor may request a minimum increase in costs upon district approval for new technologies not available at time of bidding.

The successful bidder will be responsible for qualifying in the Federal E-Rate program. Items not eligible for E-rate shall be itemized in the bid. WSD will pay the vendor using District funds for these non-eligible E-rate purchases. Prices must be held firm for the duration of the E-Rate Funding Year 2018 ending June 30, 2019 or until all hardware associated with the project(s) are complete (including any SLD approved extensions). These projects and services depend on partial funding from the E-rate program.

- **Applicant expects each Service Provider to make themselves thoroughly familiar with any rules or regulations regarding the E-rate program.**
- **All contracts entered into as a result of this RFP will be contingent upon the specific funding of the FRN at the percentage rate submitted for.**
- **The maximum percentage the Applicant will be liable for is the pre-discount amount minus the funded amount as shown on the form 471. Applicant will submit the form 472 (BEAR form reimbursement process).**
- **NO billing can take place before July 1, 2018.**
- **In the event of questions during the E-Rate audit process, the successful vendor is expected to reply within 3 days to questions associated with their proposal.**
- **The contractor is responsible for providing a valid SPIN (Service Provider Identification Number) at the time the bid is submitted**
- **The contractor is responsible for providing an FCC Registration Number (FRN) with their proposal. Any potential bidder found to be in Red-Light Status will be disqualified from participation in the bidding process and will be considered non-responsive**
- **WSD shall be guaranteed full benefit of a price reduction for equipment/services.**
- **Vendor shall maintain all bids, Proposals, records, correspondence, receipts, vouchers, delivery information, memoranda and other data relating to Vendor's request.**
- **Maintaining and provide to the district a fixed asset list (packing list) of E-rate ordered equipment with detailed information for each item (model number, serial number, product description) and made available to the District in electronic format as well as packing lists.**
- **Costs incurred by Bidders in preparation of their proposal, including travel and personal expenses, may not be charged as an expense of performing the ordered equipment.**

The Applicant reserves the right to deny any or all proposals associated with this RFP if requirement or conditions are not met.

Failure to follow the above criteria and requirements may be considered grounds for disqualification.

Proposals must be received by our office via email per the procurement schedule. No late, or bids delivered other than via us postal mail will be accepted.

SUBMITTING RFPs: Envelopes containing RFPs must be sealed, marked, and addressed as shown in the example below.

Wenatchee School District
Business & Finance
Attn: Fiber Hardware RFP
235 Sunset Avenue
Wenatchee, WA 98801

Additional information to be noted on the submittal envelope must include the RFP title and number, the respondent's name and address, and the RFP opening date.

Respondent's Name and Address
RFP title/number: 20171031_WSD_Fiber Hardware_RFP
Proposal Due Date: NLT November 30th, 2017, received and stamped by close of business.

Request for proposal shall use this and any attached forms in submitting RFPs.

PROJECT

Two manufacture lines will be accepted:

- Cisco
- Brocade (Ruckus)

District Core Chassis X2

Must meet minimum standards for technical specifications (real-world technical example: WS-C3850-24XS-S) for 24port, 10GB Fiber capable L3 Switch with 24 SFP ports

Remote Building x17

Must meet minimum standards for technical specifications (real-world technical example: WS-C365024PD-S) 24port PoE plus L3 switch, with 4 10GB fiber capable SFP ports.

SFP+ (16 sets, meet requirements outlined in Exhibits, Figure 1

Must meet minimum standards of Modules AXSxx-192-40 (and specify the wavelengths)

- 1470nm 2 sets (2 sfp = 1 set)
- 1490nm 2 sets (2 sfp = 1 set)
- 1510nm 2 sets (2 sfp = 1 set)
- 1530nm 2 sets (2 sfp = 1 set)
- 1550nm 2 sets (2 sfp = 1 set)
- 1570nm 2 sets (2 sfp = 1 set)
- 1590nm 2 sets (2 sfp = 1 set)
- 1610nm 2 sets (2 sfp = 1 set)

Chassis SFP Specifications:

Operating data rate up to 10.3Gbps

Distance up to 40km over SMF

Single 3.3V Power supply and TTL Logic Interface

Duplex LC Connector Interface, Hot Pluggable

Compliant with SFP+ MSA Specification SFF-8431

Compliant with IEEE 802.3ae 10GBASE-ER

Compliant with IEEE 802.3ae 10GBASE-EW

Compliant with SFF-8472

Operating Case Temperature Standard: 0°C~+70°C

This pricing shall include:

1. Delivery of each component to district shipping/receiving location.
2. All quotes must be from a vendor certified for resale by manufacturer. Vendor is to indicate the E-rate eligibility of each part.
3. Tax and shipping is to be included on all quotes.

PROCUREMENT SCHEDULE

The procurement schedule for this project is as follows: Note: WSD reserves the right to adjust this schedule as necessary.

Post 470---Completed

Add RFP to Form 470 Application # 180000036 10/31/2017

Add Wenatchee Website---10/31/2017

Vendor Consultation, (open during the entire 28-day posting)

Final Bids Due---11/30/2017 2:00 PM PST and stamped by the district office.

Award Bids-Board Meeting 1/10/2018

Sign Contract---TBD by district

EVALUATION PROCEDURES

The evaluation will be performed by the RFP Coordinator and evaluation staff for services proposed. The evaluators will consider how well the vendor's proposed solution meets the needs and criteria set forth in the fair and competitive bidding process using the below matrix. It is important that bids be clear and complete so that the evaluators can adequately understand all aspects of the proposal. Evaluation results are confidential and the property of WSD.

WSD will evaluate proposals from vendors using a scale on the basis of the following matrix:

1. 30% - Pricing of eligible goods and services
2. 20% - The vendor's relevant experience, qualifications and success in providing support for support services and equipment.
3. 200% - The quality of the proposal, specifically: Proposals shall be prepared in a straightforward manner, and shall describe the vendor's offering(s) and equipment capabilities in a format that is reasonably consistent, comprehensible, and appropriate to the purpose.
4. 20% - The quality and duration of the manufacture's proposed warranty period, specifically: items covered; period covered; items not covered; equipment EOL windows ; software maintenance (if applicable); engineering configuration support; training of district personnel (if required); and any other factor that should be considered in evaluating this area of the vendor's proposal.
5. 10% - Pricing of ineligible goods and services.

EXHIBITS

Figure 1 WSD CWDM Layout (CCPUD)

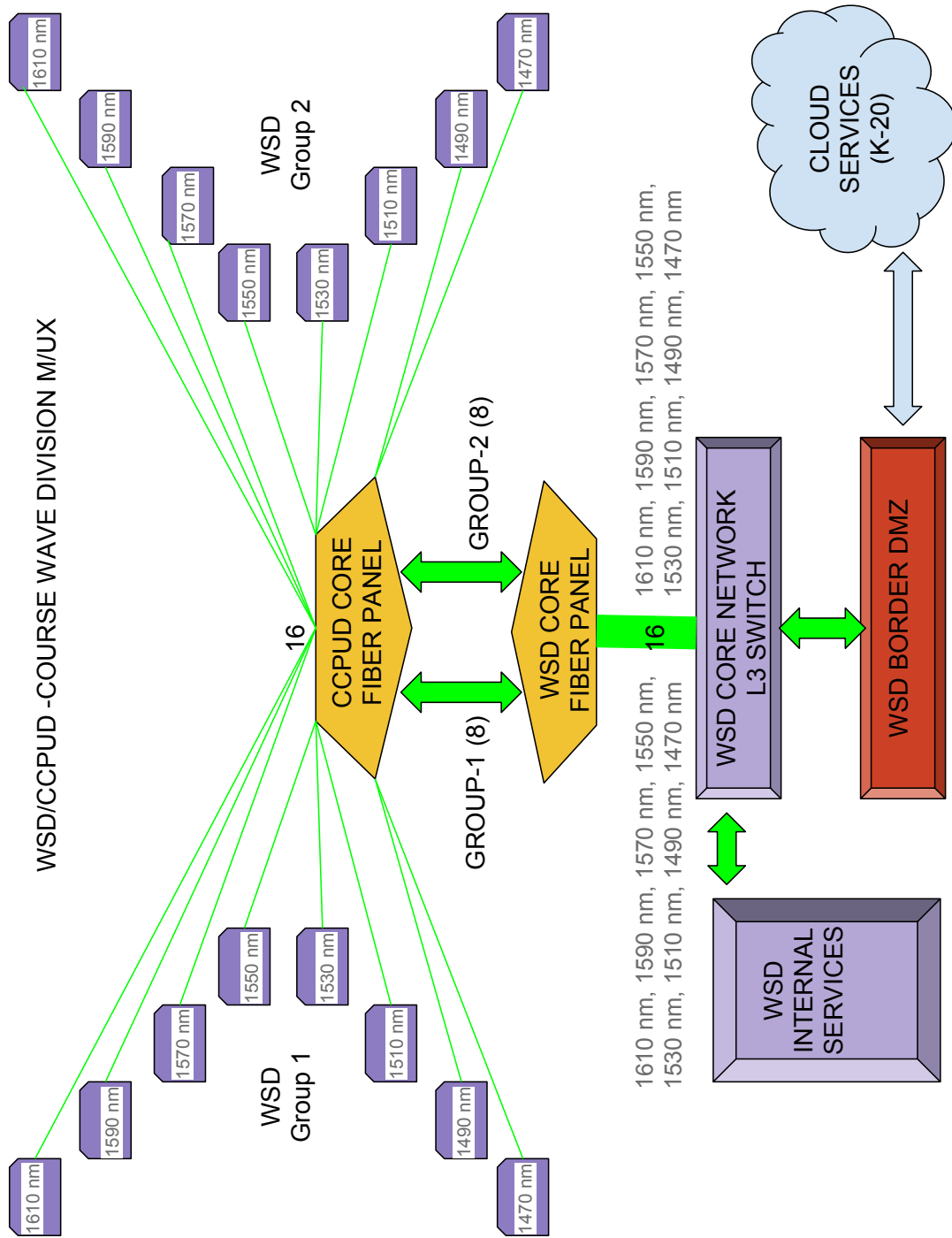


Figure 2 RES Campus Layout