Request for Proposal: Network Switches

February 15, 2018

Elkhorn Public Schools
20650 Glenn Street
Elkhorn, NE 68022

Erate Identifier: Cat2.2018 Network Switches

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Overview

Elkhorn Public Schools is seeking proposals for fifteen (15) Extreme X460 or highly equivalent to switches. Additionally, Elkhorn Public Schools is requesting multiple stacking cables, fiber modules and GBICs. An Extreme parts list and associated specifications are contained within this document. See Appendix A for further information on quantities requested by building.

All proposals which are highly equivalent to or exceed specifications of either the Extreme parts will be considered.

Vendors will have 24 hours after vendor selection is announced to raise any questions. Questions will be addressed via the web site posting answers to all questions. The District will have the final authority to the resolution of all questions.

Equipment will be drop shipped to the dock at the location at Elkhorn Public Schools District Warehouse, 20720 Glenn Street, Elkhorn, NE 68022.

All bidding vendors must be Erate eligible and file an FCC Form 498 and have an updated Form 473 on file to provide the services requested and must provide their SPIN number as part of this RFP.

Proposals are due in either hardcopy or in electronic form (PDF format) on or before **March 16th, 2018 at 1:00 pm CST** at Elkhorn Public Schools, Attn: Jason Harris, 20650 Glenn Street, Elkhorn, NE 68022 or emailed to erate@epsne.org. E-mailed proposal documents will be time-stamped from the receiving computer.

Proposal opening to be on **March 16th , 2018 at 1:15 pm CST** at Elkhorn Public Schools District Office 20650 Glenn Street, Elkhorn, NE.

Questions should be addressed, no later than February 26, 2018, to:
Jason Harris
Ph: 402.289.2579 | Email: erate@epsne.org

Questions and Answers will be posted on district website (http://www.elkhornweb.org/) by March 2, 2018.

1.1   Product Specifications

Elkhorn Public Schools is seeking proposals for fifteen (15) 48-port and 24-port POE Layer 3 switches as described in the table below. Additionally, proposals must include switch/stacking and fiber uplink capabilities, uplinks are at 10G.

Since these models are no longer sold new Elkhorn Public Schools will accept responses that included refurbished or recertified equipment with a lifetime warranty or equivalent newer switches.***

Description	Extreme Part Number	Total
X460-24P*	16403 **	7 or 8
X460-48P*	16404 **	7
Stacking Card (X460 only)	16419	14 or 15
Stacking Cable .5m	16106	10 or 11
Stacking Cable 1.5m	16107	2
Stacking Cable 3m	16108	2
XGM3S-2xf	16117 **	4
SR SFP+	10301 **	4
LR SFP+	10302 **	1
Power Cord		14 or 15
Core License for X460	16422	2
TAC & Support on Core Licenses for X460	9700- X460CORE	2

* Proposals must include one (1) year of core licensing and support.
** Refer to Appendix C for product specifications.
*** We are still confirming the layout of one IDF closet. Depending on the layout these items with either all be the lower quantity or all the higher quantity.

2.1   Pricing and Payment Structure

Vendors are required to breakdown the purchases by building as outlined in the table in Appendix A. Vendors are required to complete Appendix A as part of their proposal. If additional items are required to complete the project, please include them in Appendix A, listed and itemized as per unit cost.
Contracts will be awarded only after receiving a funding commitment and decision letter from SLD or agreed upon by the district. 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. The contract will define the 50% of installation complete amount.

30 days after contract signature	30 days after 50% installation complete	30 days after final testing completed
20% of contract	40% of contract	100% of contract

3.1   Evaluation Process

Please refer to Appendix B for further details regarding the evaluation process.

4.1   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 Jason Harris, Elkhorn Public Schools, erate@epsne.org. 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).

5.1   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 Elkhorn Public Schools 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. Completion of this RFP form and its associated Appendices are a requirement. Failure to do so will disqualify your RFP response submittal. Vendors must submit sealed RFP responses by the due date and time as specified herein. Electronic submissions will be accepted if create in PDF format and e-mail erate@epsne.org by the due date and time as specified herein. Date and time stamp of receiving computer will govern all e-mails.   Vendors will be considered nonresponsive if the above requirements are not submitted as requested. The Elkhorn Public Schools has the right to reject all submitted proposals and resubmit for new proposals through a revised RFP.

6.1   Vendor Questions and Clarifications

Questions should be addressed, <u>no later than February 26, 2018</u>, to:
Jason Harris
Ph: 402.289.2579 | Email: erate@epsne.org

Questions and Answers will be posted on district website (http://www.elkhornweb.org/) by <u>March 2, 2018</u>.

Appendix A

TABLE 2.1: BLUE SAGE ELEMENTARY			
Erate Eligible Services			
Description	**Qty**	**Unit Price**	**Total**
X460-24P	7 or 8		
X460-48P	7		
Stacking Card (X460 only)	14 or 15		
Stacking Cable .5M	10 or 11		
Stacking Cable 1.5M	2		
Stacking Cable 3M	2		
XGM3S-2xf	4		
SR SFP+	4		
LR SFP+	1		
Power Cord	14 or 15		
Core License for X460	2		
TAC & Support on Core Licenses for X460	2		

Appendix B

Evaluation Rubric
Elkhorn Public Schools
Erate: Cat2.2018 Network Switches

1. **Cost of eligible equipment and/or eligible maintenance** .... **25 points**

   Cost of Equipment will be released at time of proposal opening. Points will be awarded during the evaluation of the proposal(s).

2. **Compatibility with currently owned district devices** .... **20 points**

   Compatibility is very important. Points will be awarded during the evaluation of the proposal(s) and determination of compatibility with existing equipment will be done at that same time. Zero (0) points will be awarded for non-compatible devices and twenty (20) points will be awarded for full 100% compatibility.

3. **Current relationship with District personnel** .... **15 points**

   Working relationships with existing vendors are important to the success and support of any networking project to the district. During the evaluation of the proposal(s), points will be awarded for strong and positive relationships with the vendors. Points will be awarded based on the vendors past history of services and support to the district.

4. **Features included** .... **10 points**

   All documented features of the device in the RFP will be evaluated and points award as such. Points will not be awarded for features that are not included in the cost of the device as presented in the RFP.

5. **Support of hardware** .... **5 points**

   Technical support will be contacted and will be evaluated on its technical knowledge, English as the primary language, and ease of use.

6. **Reliability** .... **5 points**

   Reliability score will be determined using the following criteria:
   a. References given in the RFP
   b. Known other users of the device
   c. Personal experiences

7. **User Interface** .... **10 points**

   The user interface will be evaluated and points awarded on the ease of use and the completeness of the interface to the device.

8. **References** .... **10 points**

   References will be contacted and points awarded on their responses.

Appendix C

Product Name	2 x 10GBE XFP Port Interface Module
Product Type	Interface Module
Compatibility	Extreme Networks Summit X460 Series Switches: X460, E4G-400
Product Model	XGM3S-2xf
Expansion Slots	2 x XFP
Application/Usage	Data Networking, Optical Network

XGM3S-2Xxf Fiber Module

SR SFP+

Product Name	10 Gbase-SR SFP+ 10K SM-Optic
Product Type	XFP
Interface Type	10GBase-SR
Number of Ports/Channels	1
Data Transfer Rate	10 Gbps Gigabit Ethernet
Application/Usage	Data Networking
Interfaces/Ports	1 x 10GBase-SR
Interfaces/Ports Details	1 x 10GBase-SR
Connectivity Media	Single-mode Optical Fiber 10GBase-SR
Additional Information	Distance Supported : 10 km

LR SFP+

Product Name	10GBASE-LR SFP+ MSA Standard SMF 1310NM 10KM LC 100% Compatible
Product Type	SFP+
Interface Type	10GBase-LR
Number of Ports/Channels	1
Compatibility	MSA Compliant
Data Transfer Rate	10 Gbps 10 Gigabit Ethernet
Dimensions	0.3
Application/Usage	Optical Network, Data Networking
Interfaces/Ports	1 x 10GBase-LR
Interfaces/Ports Details	1 x LC 10GBase-LR Network
Connectivity Media	Single-mode Optical Fiber 10GBase-LR
Limited Warranty	Lifetime

X460-24P

Product Name	Summit X460-24P
Product Type	Layer 3 Switch
Manageable	Yes
Ethernet Technology	Gigabit Ethernet
Product Family	Summit X460
Stack Port	Yes
Total Number of Network Ports	24
PoE (RJ-45) Port	Yes
Form Factor	Rack-mountable
Network Technology	1000Base-T
Number of Total Expansion Slots	10
Number of PoE (RJ-45) Ports	24
Port/Expansion Slot Details	24 x Gigabit Ethernet Network
	4 x Gigabit Ethernet Expansion Slot
Height	1.7"
Width	17.4"
Depth	17"
Expansion Slot Type	SFP
	Stacking Module
Product Series	X460
Product Model	X460-24p
Product Line	Summit
Input Voltage	110 V AC
	220 V AC
Layer Supported	3
Redundant Power Supply	Yes
Number of SFP Slots	8
Management Port	Yes
Shared SFP Slot	Yes
Memory Technology	DRAM
Management	QoS
	VLAN
	RMON
	Syslog
	DHCP
	Telnet
	SNMP v1, v2c, v3
	ExtremeXOS ScreenPlay
	Web-based Device Management

X460-24P Continued

Flash Memory	1 GB
Power Source	Power Supply
Standard Memory	1 GB
Limited Warranty	Lifetime

X460-48P

Product Name	Summit X460-48P
Product Type	Layer 3 Switch
Manageable	Yes
Ethernet Technology	Gigabit Ethernet
Product Family	Summit X460
Stack Port	Yes
Total Number of Network Ports	48
PoE (RJ-45) Port	Yes
Form Factor	Rack-mountable
Network Technology	1000Base-T
Number of Total Expansion Slots	6
Number of PoE (RJ-45) Ports	48
Port/Expansion Slot Details	48 x Gigabit Ethernet Network 4 x Gigabit Ethernet Expansion Slot
Height	1.7"
Width	17.4"
Depth	17"
Expansion Slot Type	SFP Stacking Module
Product Series	X460
Product Model	X460-48p
Product Line	Summit
Input Voltage	110 V AC 220 V AC
Layer Supported	3
Redundant Power Supply	Yes
Number of SFP Slots	4
Management Port	Yes
Shared SFP Slot	Yes
Memory Technology	DRAM

X460-48P Continued

Management   QoS
                                  VLAN
                                  RMON
                                  Syslog
                                  DHCP
                                  Telnet
                                  SNMP v1, v2c, v3
                                  ExtremeXOS ScreenPlay
                                  Web-based Device Management
Flash Memory   1 GB
Power Source   Power Supply
Standard Memory   1 GB
Limited Warranty   Lifetime