SCHOOL DISTRICT OF BELOIT

District-Wide Network Switching Infrastructure

RFP #2026-3

REQUEST FOR PROPOSAL

November 12, 2026

A. INTRODUCTION

INTRODUCTION

The School District of Beloit, located in Beloit, WI, is soliciting proposals for network switching equipment and related infrastructure components across 13 district sites, including switches, accessories, licensing, and support services.

This Request for Proposal (RFP) is being issued in conjunction with the School District of Beloit's Funding Year 2027 E-Rate FCC Form 470 competitive bidding process. The District intends to seek E-Rate funding for eligible equipment and services identified in this RFP through the Federal Communications Commission's Schools and Libraries (E-Rate) Program, administered by the Universal Service Administrative Company (USAC). All proposals must comply with applicable E-Rate program rules and requirements.

BACKGROUND INFORMATION

The School District of Beloit is a K–12 district serving approximately 4,700 students across 10 schools and 13 total sites. This RFP supports network infrastructure upgrades and equipment replacement throughout the district.

GENERAL CONDITIONS

This RFP is not an offer to contract. Form and agreement will be a signed School District of Beloit purchase order, including an accepted proposal and agreement. Board of Education approval is required prior to issuing the purchase order.

Failure to answer any question in this RFP may subject the proposal to disqualification. Failure to meet a qualification or requirement will not necessarily subject a proposal to disqualification.

E-RATE PROGRAM REQUIREMENTS

This procurement is subject to applicable requirements of the FCC Schools and Libraries (E-Rate) Program.

Vendors must provide their E-Rate Service Provider Identification Number (SPIN) and maintain all registrations necessary to participate in the E-Rate Program.

Proposals must separately identify E-Rate-eligible and ineligible products, services, and associated costs. The District reserves the right to seek E-Rate funding for eligible components and to purchase eligible or ineligible components as funding and budget considerations permit.

The District's selection of a vendor and any subsequent purchase are subject to applicable E-Rate requirements, availability of funding, and District approval. The District reserves the right to cancel or modify the procurement or decline to purchase any or all proposed equipment.

All vendors must comply with applicable FCC and USAC requirements related to the competitive bidding process.

VALID PERIOD OF OFFER

The pricing, terms, and conditions stated and quoted in the vendor's response for all labor and materials will remain valid until September 30, 2028 (E-rate) from the date of delivery of the proposal to our district. Labor rates will remain in effect for the length of the project.

RIGHT OF REJECTION

The School District of Beloit reserves the right to accept or reject any or all responses to the RFP and enter into discussions and/or negotiations with one or more qualified vendors at the same time, if such action is in the best interest of the district.

BEST AND FINAL OFFER

The School District of Beloit reserves the right to request the best and final offer.

COST OF PROPOSALS

Expenses incurred in the preparation of proposals in response to this RFP are the vendor's sole responsibility.

ALL INCLUSIVE

The proposal is to include all products and services outlined herein.

TAXES

The School District of Beloit is exempt from Wisconsin sales tax. Necessary tax exemption certificates as applicable to public schools will be furnished upon request.

INSURANCE

All insurances and any other necessary costs shall be included in the proposal.

AMENDING OR CANCELING REQUESTS

The School District of Beloit reserves the right to amend or cancel this RFP, at any time, if it is in the best interest of the School District of Beloit.

PROPOSAL CLERICAL ERRORS

The School District of Beloit reserves the right to modify this RFP, District-Wide Network Switching Infrastructure RFP #2026-3# if clerical errors are found after the release of this RFP.

PROPOSAL EVALUATION

Proposals will be evaluated based on overall cost-effectiveness, with the price of E-Rate-eligible products and services receiving the greatest weight of any individual evaluation factor. Other considerations may include technical specifications, compatibility, warranty and support, vendor qualifications, and delivery timelines.

B. RFP OBJECTIVES

RFP OBJECTIVE

Overview

The School District of Beloit is seeking proposals from qualified vendors to provide network switches and related networking components for district-wide network infrastructure.

The selected vendor will be responsible for the procurement, installation, and delivery of all switches, associated power supplies, power cords, transceivers, DAC cables, modular expansion modules, licensing, and applicable support and warranty services.

The School District of Beloit is seeking pricing and options for the following estimated quantities of network switching equipment and related components. The district reserves the right to purchase more or less than the quantities listed in this RFP based on budget, infrastructure requirements, operational needs, or Board approval.

Vendors may propose the specified Extreme Networks models or equivalent equipment from other manufacturers. Any proposed equivalent must meet or exceed the technical

specifications, performance, functionality, and compatibility of the requested equipment. Vendors must clearly identify any differences or substitutions in their proposals.

If pricing is dependent on quantity purchased, vendors must clearly identify and provide tiered pricing structures within their proposal.

Network Switch Requirements

The district is seeking:

- Quantity: 31
    - Model: Extreme 5420F-48P-4XL or equivalent
    - 48 x 10/100/1000BASE-T ports
    - PoE+ support
    - Two stacking/SFP-DD ports
    - Four 10Gb SFP+ uplink ports
    - MACsec support
    - Internal fixed power supply with one additional modular power supply slot
- Quantity: 48
    - Model: Extreme 5420F-16MW-32P-4XE or equivalent
    - 16 x 100Mb/1Gb/2.5Gb ports with 802.3bt 90W PoE
    - 32 x 10/100/1000BASE-T PoE+ ports
    - Two stacking/SFP-DD ports
    - Four 10Gb SFP+ uplink ports
    - MACsec support
    - Internal fixed power supply with one additional modular power supply slot
- Quantity: 12
    - Model: Extreme 5420F-24P-4XE or equivalent
    - 24 x 10/100/1000BASE-T ports
    - PoE+ support
    - Two stacking/SFP-DD ports
    - Four 10Gb SFP+ uplink ports
    - MACsec support
    - Internal fixed power supply with one additional modular power supply slot
- Quantity: 49
    - Model: Extreme 5420F-48P-4XE or equivalent
    - 48 x 10/100/1000BASE-T ports
    - PoE+ support
    - Two stacking/SFP-DD ports
    - Four 10Gb SFP+ uplink ports
    - MACsec support
    - Internal fixed power supply with one additional modular power supply slot
- Quantity: 2
    - Model: Extreme 5520-24X or equivalent
    - 24 x 1Gb/10Gb SFP+ ports

    - Two stacking/QSFP28 ports
    - Modular uplink expansion capability
    - MACsec support
    - Two fan modules
    - Two modular power supply slots
- Quantity: 1
    - Model: Extreme 5520-48W or equivalent
    - 48 x 10/100/1000BASE-T ports
    - 802.3bt 90W PoE support
    - Two stacking/QSFP28 ports
    - Modular uplink expansion capability
    - MACsec support
    - Three fan modules
    - Two modular power supply slots

Power Supply Requirements

The district is seeking the following power supply modules for optimized switch operation:

- Quantity: 128 – 1200W AC PoE power supply modules, front-to-back airflow, or equivalent
- Quantity: 2 – 1100W AC PoE power supply modules, front-to-back airflow, or equivalent
- Quantity: 4 – 350W AC power supply modules, front-to-back airflow, or equivalent

Power Cord Requirements

The district is seeking the following power cords:

- Quantity: 256 – NEMA 5-15P to C13 (13A) power cords, or equivalent
- Quantity: 12 – C14 to C13 (10A) power cords, or equivalent
- Quantity: 4 – NEMA 5-15P to IEC320-C13 (10A) power cords, or equivalent
- Quantity: 2 – NEMA 5-15P to IEC320-C15 (15A) power cords, or equivalent

SFP/SFP+ Transceiver Requirements

The district is seeking the following transceivers:

- Quantity: 47 – 10Gb LRM SFP+ modules, 1310nm, multimode fiber, LC connector, or equivalent
- Quantity: 29 – 10Gb SFP+ modules, 850nm, multimode fiber, LC connector, or equivalent
- Quantity: 2 – 1Gb 1000BASE-SX SFP modules, multimode fiber, LC connector, or equivalent
- Quantity: 2 – 1Gb 1000BASE-LX SFP modules, multimode/single-mode fiber, LC connector, or equivalent

DAC Cable Requirements

The district is seeking the following direct attach cables:

- Quantity: 103 – 20Gb SFP-DD to SFP-DD DAC cables, 0.5m, or equivalent
- Quantity: 29 – 20Gb SFP-DD DAC cables, 1m, or equivalent
- Quantity: 2 – 10Gb SFP+ passive DAC cables, 3m, or equivalent
- Quantity: 2 – 100Gb QSFP28 passive DAC cables, 0.5m, or equivalent
- Quantity: 1 – 100Gb QSFP28 passive DAC cable, 1m, or equivalent

Modular Uplink Expansion Modules

The district is seeking:

- Quantity: 3 – Four-port 10GbE SFP+ modular uplink expansion modules compatible with the proposed 5520 switches, or equivalent.

Licensing and Support Requirements

The district is seeking the following five-year network licensing and support coverage:

- Quantity: 140 – Extreme Platform ONE Standard Networking Tier B licenses, including ExtremeWorks Right-to-Use Subscription and TAC OS for five years, or equivalent.
- Quantity: 3 – Extreme Platform ONE Standard Networking Tier C licenses, including ExtremeWorks Right-to-Use Subscription and TAC OS for five years, or equivalent.
- Quantity: 2 – Extreme Platform ONE Standard Networking Tier A licenses, including ExtremeWorks Right-to-Use Subscription and TAC OS for five years, or equivalent.

Hardware Replacement and Support

The district is seeking five-year next-business-day advance hardware replacement support or equivalent for the following equipment:

- Quantity: 2 – Extreme 5520-24X or equivalent.
- Quantity: 1 – Extreme 5520-48W or equivalent.

Vendors must clearly identify the warranty and support coverage included with each proposed switch, including hardware replacement options, response times, and technical assistance.

Additional Requirements

- Provide itemized pricing for all switches, accessories, licensing, and support. Identify any costs ineligible for E-rate.
- Identify any required subscriptions or recurring costs.
- Clearly outline available volume discounts and tiered pricing.
- Identify estimated shipping and delivery timelines.
- Specify any additional equipment or accessories required but not explicitly listed in this RFP.

- Include product datasheets and technical documentation for all proposed equipment.

Comparable Models and Manufacturers

The district is currently utilizing HPE Aruba and Extreme Networks switching equipment.

Requested models are provided as a reference for performance and functionality. Vendors may propose equivalent models from any manufacturer, provided the proposed equipment meets or exceeds the requested specifications.

All proposed alternatives must clearly identify the manufacturer, model number, technical specifications, licensing requirements, warranty coverage, and any differences from the referenced equipment.

The district reserves the right to evaluate proposed alternatives based on performance, compatibility with existing infrastructure, support, warranty, and overall value.

C. Instructions and Timeframes

PROPOSAL DELIVERY

Proposals must be submitted and clearly marked "RFP District-Wide Network Switching Infrastructure RFP #2026-3#" in the lower left-hand corner. Oral, telephone, or faxed submitted documents will not be accepted. Late proposals will not be considered. Deliver a PDF version of your proposal to the email address below no later than 1:30 p.m. (CST) on December 30, 2026.

SUBMISSION REQUIREMENTS

Proposals should be presented in an 8.5 x 11-inch format. Fonts should be no smaller than 12 points, and the lines may be double spaced. Proposals should clearly respond to this RFP, yet be clear, brief and informative. Please include an approximate install date.

1. Proposal Cover Sheet – Included the following text on the cover sheet of the proposal.

PROPOSAL FOR District-Wide Network Switching Infrastructure RFP #2026-3#

Include the name of the vendor submitting the proposal, as well as complete contact information, including e-mail of the primary contact person.

The completed RFP District-Wide Network Switching Infrastructure RFP #2026-3# proposal must be emailed to:

Beloit School District
Attn: Stephanie Ellwood
sellwood@sdb.k12.wi.us

2. Letter of Introduction – provide a cover letter as a separate document

3. RFP Objective – Vendor shall provide detailed information describing how they will meet the demands of RFP District-Wide Network Switching Infrastructure RFP #2026-3#.

4. Pricing – All pricing should be submitted free of any sales tax. The School District of Beloit is sales tax exempt.

5. Insurance – A Certificate of Insurance showing $1,000,000 coverage for Vehicle Liability, General Liability and Workers' Compensation at the rate required by the State of Wisconsin.

6. Subcontractor Declaration – Vendor must clearly describe in detail any subcontractor work. The subcontractor's company name, address and phone number must be included and a clear definition of the work they will be providing must be described in the proposal.

7. References – Vendor must provide a list of at least three (3) current K:12 school districts or other entities where they provide similar services. Please present the reference(s) in the following format. The School District of Beloit reserves the right to contact any individuals that are listed as references.

   School District Name:
   Contact Name:
   Contact Position with School:
   Contact E-mail:
   Contact Phone:

RFP TIMEFRAME

ACTIVITY	DATE/TIME (CST)
RFP Issued	November 12, 2026
Optional on-site walk-through at 10 AM	November 18, 2026
Vendor questions to be emailed to SDB by 2 PM	December 2, 2026
SDB answers to questions posted by 2 PM	December 16, 2026
RFP proposal due 1:30 PM	December 30, 2026

The schedule above outlines the major activities that will occur in this bid process and the corresponding due dates. Any changes in deadlines will be communicated to all suppliers in writing. The School District of Beloit reserves the right to disqualify any supplier who does not comply with these deadlines.

November 18, 2026 optional vendor walk: Please meet at Beloit Memorial High School at 10:00 AM. Please ask for Matt Scheurman.

December 2, 2026 vendor questions: Please email all questions regarding RFP content to Jake Slaback at jslaback@sdb.k12.wi.us. The District will answer all vendor questions as noted in the above schedule and will post them to the district website (https://www.sdb.k12.wi.us/departments/business-services/purchasing-services).

Appendix A -- Requested (or Equivalent) Equipment List

Quantity	Part Number	Description
31	5420F-48P-4XL	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ w/ LRM MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.
31	XN-ACPWR-1200W-FB	1200 Watt AC PoE Power Supply Module - Front to Back airflow
62	10138	PWR CORD,NEMA,13A,NEMA 5-15P,C13,ST
31	10303	LRM SFP+ Module Gigabit Ethernet SFP+ module, 1310nm, MMF 220m3 link, LC connector
103	20G-DACP-SFPDDZ5M	SFPDD TO SFPDD 20G DAC 0.5M
48	5420F-16MW-32P-4XE	ExtremeSwitching 5420F 16 100Mb/1Gb/2.5Gb 802.3bt 90W PoE 32 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G un-pop SFP+ MACsec capable internal fixed PSU fans 1 un-pop modular PSU slot.
48	XN-ACPWR-1200W-FB	1200 Watt AC PoE Power Supply Module - Front to Back airflow
96	10138	PWR CORD,NEMA,13A,NEMA 5-15P,C13,ST
12	5420F-24P-4XE	ExtremeSwitching 5420F 24 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slot.
12	10106	PWR CORD,NEMA,10A,C14,C13,ST
29	20G-DACP-SFPDD1M	20G Passive DAC SFPDD 1m
49	5420F-48P-4XE	ExtremeSwitching 5420F 48 10/100/1000BASET FDX/HDX PoE+ 2 stacking/SFP-DD 4 10G unpopulated SFP+ MACsec capable internal fixed PSU fans 1 unpopulated modular PSU slots.
49	XN-ACPWR-1200W-FB	1200 Watt AC PoE Power Supply Module - Front to Back airflow

98	10138	PWR CORD,NEMA,13A,NEMA 5-15P,C13,ST
2	10305	10 Gigabit Ethernet SFP+ passive cable assembly, 3m length.
140	USK12-STD-B-S-C-EW-5Y	Extreme Platform ONE Standard Networking for Tier B includes ExtremeWorks Right-to-Use Subscription and TAC OS for one Tier B device for 5 Years (US K-12)
3	USK12-STD-C-S-C-EW-5Y	Extreme Platform ONE Standard Networking for Tier C includes ExtremeWorks Right-to-Use Subscription and TAC OS for one Tier C device for 5 Years (US K-12)
2	USK12-STD-A-S-C-EW-5Y	Extreme Platform ONE Standard Networking for Tier A includes ExtremeWorks Right-to-Use Subscription and TAC OS for one Tier A device for 5 Years (US K-12)
1	5520-24X	ExtremeSwitching 5520 24 1Gb/10Gb SFP+ ports 2 stacking/QSFP28 1 unpopulated VIM slot includes 2 fan modules 2 unpopulated modular PSU slots.
1	97004-5520-24X	EW NBD AHR 5520-24X [Term: 5 Year]
2	XN-ACPWR-350W-FB	350 Watt AC Power Supply Module - Front to Back airflow
2	10061	Pwr Cord,10A,NEMA 5-15P,IEC320-C13
16	10301	10 Gigabit Ethernet SFP+ module, 850nm, MMF 26-300m link, LC connector
1	5520-VIM-4XE	5520 Versatile Interface Module with four 10GbE SFP+ ports LRM MACsec capable supported on ExtremeSwitching 5520
4	10303	LRM SFP+ Module Gigabit Ethernet SFP+ module, 1310nm, MMF 220m link, LC connector
1	5520-24X	ExtremeSwitching 5520 24 1Gb/10Gb SFP+ ports 2 stacking/QSFP28 1 unpopulated VIM slot includes 2 fan modules 2 unpopulated modular PSU slots.
1	97004-5520-24X	EW NBD AHR 5520-24X [Term: 5 Year]
2	XN-ACPWR-350W-FB	350 Watt AC Power Supply Module - Front to Back airflow
2	10061	Pwr Cord,10A,NEMA 5-15P,IEC320-C13

13	10301	10 Gigabit Ethernet SFP+ module, 850nm, MMF 26-300m link, LC connector
1	5520-VIM-4XE	5520 Versatile Interface Module with four 10GbE SFP+ ports LRM MACsec capable supported on ExtremeSwitching 5520
4	10303	LRM SFP+ Module Gigabit Ethernet SFP+ module, 1310nm, MMF 220m link, LC connector
1	5520-48W	ExtremeSwitching 5520 48 10/100/1000BASET FDX/HDX 802.3bt 90W PoE 2 stacking/QSFP28 1 unpopulated VIM slot MACsec capable includes 3 fan modules 2 unpopulated modular PSU slots.
1	97004-5520-48W	EW NBD AHR 5520-48W [Term: 5 Year]
2	XN-ACPWR-1100W-FB	1100 Watt AC PoE Power Supply Module - Front to Back airflow
2	10099	Power Cord, 15A, USA, NEMA 5-15, IEC320-C15
1	5520-VIM-4XE	5520 Versatile Interface Module with four 10GbE SFP+ ports LRM MACsec capable supported on ExtremeSwitching 5520
4	10303	LRM SFP+ Module Gigabit Ethernet SFP+ module, 1310nm, MMF 220m link, LC connector
2	100G-DACP-QSFPZ5M	100G Passive DAC QSFP28 0.5M
1	100G-DACP-QSFP1M	100G Passive DAC QSFP28 1m MSA P/N EQPC1HPC010C0100.
4	10303	LRM SFP+ Module Gigabit Ethernet SFP+ module, 1310nm, MMF 220m link, LC connector
2	10051H	1000BASE-SX SFP, MMF 220 & 550 meters, LC connector, Industrial Temp
2	10052H	1000BASE-LX SFP, MMF 220 & 550 meters, SMF 10km, LC connector, Industrial Temp