Beloit USD 273
273C1RFP27A
Allowable contract date: Please reference the Form 470

Important Notes:

- ATTENTION: Direct bid correspondence to Robert McCreight via email at rmccreight@usd273.org. Please include the Form 470 number in the subject line. At the top of the message, please provide the services you are bidding on, your SPIN, company name, and contact information.
- Do not contact the consultant with questions concerning this Form 470. Direct all questions and bids to the Form 470 Contact.
- Applicable Kansas Bidding Law K.S.A. Supp. 72-1151 for $20,000.00 or more. Bids exceeding $19,999.99 must be sent as a sealed bid. Indicate on the outside of the envelope that it is a response to an E-Rate Form 470 and that it is not to be opened before the bid evaluation.
- Multi-year contracts and voluntary extensions are accepted. Please include the voluntary contract renewal deadline on the contract.
- SPAM and/or robotic responses will not be considered valid bids and will be disqualified.
- The bidder must agree to participate in the USF Program (AKA "E-Rate") for the corresponding funding year.
- All bidders must ensure they follow all current E-Rate program guidelines established by the Federal Communications Commission (FCC). Information regarding the eligibility of goods and services, invoicing requirements, documentation requirements, and other program rules is available from the SLD by calling the Schools and Libraries Division (SLD) of the Universal Service Administration Corporation (USAC) at 1-888-203-8100 or seeing their website at https://www.usac.org/e-rate/.
- All bidders must adhere to the Lowest Corresponding Price (LCP) guidelines (as the SLD dictates).
- All applicable fees, surcharges, taxes, and installation charges must be identified on the bid. E-Rate rules require applicants to evaluate the prices of eligible goods and services to be listed on the 471 application during the competitive bidding process. Fees and surcharges that apply but are not listed on the bid will be the responsibility of the bidding company, should their bid be awarded.
- Provide detailed item pricing and descriptions; identify and break out associated costs on ineligible items. Note: The vendor is responsible for checking the USF Eligible Services List for updates and corrections before submitting bids/quotations.
- The bidder must be in good standing with the Federal Communications Commission (FCC) and not have a Red Light status. If the vendor has a Red Light status, the contract will become null and void without penalty to the applicant.
- The bidder must agree to provide the applicant with the choice of discount methods (SPI or BEAR).
- The winning vendor will be required to promptly provide the requested information regarding goods and services.
- All bids must be submitted with the understanding that implementation may be dependent upon the following: (i) Final approval of next year's fiscal budget; (ii) Contract confirmation by next year's board of education; (iii) Award of associated E-Rate funding; (iv) Terms and provisions of the Kansas Cash Basis Law K.S.A 10-1101.
- The bidder may provide bids for any or all portions of this proposal.
- The applicant reserves the right to purchase all, none, or a portion of the quoted equipment/services and may choose more than one provider.
- Bids received after the stated deadline may be deemed non-responsive.

Function	Minimum Capacity	Maximum Capacity	Approximate Quantity	Installation, Activation, & Initial Configuration	Maintenance & Technical Support
Standalone Internet Access	**2 Gbps**	**10 Gbps**	**1**	**Yes**	**Yes**
Seeking bids for approximately one 2 Gbps Internet connections. For approximately 2 buildings. May include multiple connections. Possible inclusion of bundled basic firewall and other similar services without a separately identifiable cost. Multi-year contracts should include optional bandwidth increases within the term of the contract. **Connection is to Beloit Jr-Sr High School and Beloit Elementary School. Please see addresses below.**					
Internet Access and Data Transmission Service	**2 Gbps**	**10 Gbps**	**1**	**Yes**	**Yes**
Seeking bids for approximately one 2 Gbps Internet connection. For approximately 2 buildings. May include multiple connections. Possible inclusion of bundled basic firewall and other similar services without a separately identifiable cost. Multi-year contracts should include optional bandwidth increases within the term of the contract. **Connection is to Beloit Jr-Sr High School and Beloit Elementary School. Please see addresses below.**					
Standalone Internet Access	**1 Gbps**	**1 Gbps**	**1**	**Yes**	**Yes**
Seeking bids for approximately one 1 Gbps Internet connection. For approximately 1 building. Possible inclusion of bundled basic firewall and other similar services without a separately identifiable cost. Multi-year contracts should include optional bandwidth increases within the term of the contract. **Connection is to the Beloit District Office. Please see address below.**					
Internet Access and Data Transmission Service	**1 Gbps**	**1 Gbps**	**1**	**Yes**	**Yes**
Seeking bids for approximately one 1 Gbps Internet connection. For approximately 1 building. Possible inclusion of bundled basic firewall and other similar services without a separately identifiable cost. Multi-year contracts should include optional bandwidth increases within the term of the contract. **Connection is to the Beloit District Office. Please see address below.**					
Standalone Data Transmission Services	**1 Gbps**	**100 Gbps**	**1**	**Yes**	**Yes**
Seeking bids for district-wide network connection(s) ranging from 1 Gbps to 100 Gbps. Multi-year contracts should include optional bandwidth increases within the term of the contract.					

Function	Minimum Capacity	Maximum Capacity	Approximate Quantity	Installation, Activation, & Initial Configuration	Maintenance & Technical Support
Leased Dark Fiber Network	**1 strands**	**12 strands**	**1**	**Yes**	**Yes**

Seeking bids for a leased dark fiber solution to include between 1 and 12 strands, with the scalable option to accommodate growth. All bids must separate the one-time special construction charges from the proposed monthly recurring cost (including maintenance/operations fees). The district will need bids on network equipment to light dark fiber. Multi-year contracts should include the option to lease additional strands within the term of the contract.

- The demarcation point at the Beloit Jr./Sr. High School shall be the district's FortiGate 201G firewall, and the demarcation point at the Board Office shall be the district's HP Aruba JL677A 6100 24G CL4 4SFP+ Switch.
- The proposed connection must support a minimum bandwidth of 10 Gbps and be capable of scaling to higher speeds in the future.
- The vendor shall provide all equipment necessary to establish and operate the connection, including any required SFPs, transceivers, patch cables, or other interface components.
- The vendor shall furnish, install, configure, and test all equipment and materials required to deliver a fully operational connection between the two locations.
- The initial lease term shall be a minimum of one year. The district reserves the right to terminate the lease at the end of the initial term or any subsequent term. The connection will be competitively bid each year in accordance with district requirements.

NOTE: The applicant will accept bids for any delivery method that meets their connectivity goals. We intend to meet all Fair and Open Competitive Bidding requirements.

Leased Lit Fiber Network	**1 Gbps**	**100 Gbps**	**1**	**Yes**	**Yes**

Seeking bids for district-wide network connection(s) ranging from 1 Gbps to 100 Gbps. Multi-year contracts should include optional bandwidth increases within the term of the contract.

- The demarcation point at the Beloit Jr./Sr. High School shall be the district's FortiGate 201G firewall, and the demarcation point at the Board Office shall be the district's HP Aruba JL677A 6100 24G CL4 4SFP+ Switch.
- The proposed connection must support a minimum bandwidth of 10 Gbps and be capable of scaling to higher speeds in the future.
- The vendor shall provide all equipment necessary to establish and operate the connection, including any required SFPs, transceivers, patch cables, or other interface components.
- The vendor shall furnish, install, configure, and test all equipment and materials required to deliver a fully operational connection between the two locations.
- The initial lease term shall be a minimum of one year. The district reserves the right to terminate the lease at the end of the initial term or any subsequent term. The connection will be competitively bid each year in accordance with district requirements.

NOTE: The applicant will accept bids for any delivery method that meets their connectivity goals. We intend to meet all Fair and Open Competitive Bidding requirements.

Self-Provisioned Network and Services Provided Over Third-Party Networks	**1 Gbps**	**100 Gbps**	**1**	**Yes**	**Yes**

Function	Minimum Capacity	Maximum Capacity	Approximate Quantity	Installation, Activation, & Initial Configuration	Maintenance & Technical Support
Seeking bids for a self-provisioned network and services provided over third-party networks. Please provide the expected average millisecond latency and bandwidth options of the solution. All bids must separate the one-time special construction charges (may include, but not limited to, trenching, boring, hand hole installs, building penetrations, conduit installation, terminations, connections testing, troubleshooting, documentation, and restoration of the system) from the proposed monthly recurring cost (including maintenance/operations fees/conduit needs to be included). The applicant will need bids on network equipment to make the Category One broadband service functional. **- We would like to establish a connection between the Beloit Jr./Sr. High School and the Board Office.** **- The demarcation point at the High School shall be the district firewall, and the demarcation point at the Board Office shall be the district switch.** **- The approximate distance between locations is 2,250 feet. Vendors are responsible for designing and proposing an appropriate solution and may exceed this distance if required by their design.** **- The proposed solution shall support a minimum throughput of 10 Gbps and be capable of supporting higher bandwidths in the future.** **- If the proposed solution includes a self-provisioned fiber, please provide an option with 12 strands of single mode fiber.** **- Vendors may propose any eligible technology capable of meeting the district's performance requirements, including but not limited to fiber-optic, wireless, or other comparable technologies.** **- Vendors are responsible for providing all equipment, materials, installation, and configuration necessary to deliver a fully operational connection between the two locations.** **- The district's firewall is a FortiGate 201G, and the district's switch is an HP Aruba JL677A 6100 24G CL4 4SFP+ Switch. Vendors shall provide all interface equipment necessary to connect to these devices or clearly identify any alternative connection requirements.** **- Vendors shall include all components required for operation, including transceivers, cabling, mounting hardware, power supplies, and any other necessary equipment.** **- The proposal should include sufficient documentation to describe the design, capacity, scalability, maintenance requirements, and any future upgrade options.** **-The district will own all equipment installed as part of the project upon completion, unless otherwise noted in the vendor's proposal.** **NOTE: The applicant will accept bids for any delivery method that meets their connectivity goals. We intend to meet all Fair and Open Competitive Bidding requirements.**					

Function	Minimum Capacity	Maximum Capacity	Approximate Quantity	Installation, Activation, & Initial Configuration	Maintenance & Technical Support
Category 1 Maintenance & Operations	**1 Gbps**	**100 Gbps**	**1**	**Yes**	**Yes**
Seeking bids for maintenance & operations of network connections. Please separate maintenance & operations bids from any other service bids.					

Category 1 Network Equipment	**1 Gbps**	**100 Gbps**	**2**	**Yes**	**Yes**
Seeking bids for the electronics necessary to make a Category One broadband service functional. May include Related software & Right-to-use licenses. Bandwidth could range from 1 Gbps to 100 Gbps.					

- Maps and diagrams can be provided if requested.
- Any additional information can be provided via email.
- Bids should provide turn-key solutions, including installation/configuration charges, surcharges, and special construction charges when applicable. If special construction charges apply, please include the option for installment payments of up to 4 years for the applicant's nondiscounted share.

Buildings:

Name	Street Address	City	State	Zip Code
Beloit District Office	3075 US Highway 24	Beloit	KS	67420
Beloit Elementary School	1201 N Bell St	Beloit	KS	67420
Beloit Jr-Sr High School	1711 N Walnut St	Beloit	KS	67420