

DRAFT



FCC Form 470 – Funding Year 2023

Form 470 Application Number: 230014341

Freshwater C1 WAN and switches

Billed Entity

FRESHWATER EDUCATION DISTRICT
2222 Industrial Drive
Wadena, MN 56482-2549
Wadena
218-631-3505
wiron@fed.k12.mn.us

Billed Entity Number: 133964
FCC Registration Number: 0006833669

Contact Information

Kristina Garrett
kristina.garrett@e-rateeducationalservices.com
605-348-3302

Application Type

Applicant Type: Consortium
Recipients of Services: Head Start; Pre-K; Public School; Public School District

Number of Eligible Entities: 32

Consulting Firms

Table with 4 columns: Name, Consultant Registration Number, Phone Number, Email. Row 1: E-RATE AND EDUCATIONAL SERVICES, LLC, 16062408, 605-348-3302, shirley.bauer.edd@gmail.com

Consultants

Table with 3 columns: Name, Phone Number, Email. Rows: Kristina Garrett, Lee Anna Dugue, Shirley Bauer

RFPs

Table with 2 columns: Id, Name. Row 1: 14532686, FED 470 Fiber Lease 2023

Category One Service Requests

Table with 10 columns: Service Type, Function, Function Other Description, Minimum Capacity, Maximum Capacity, Entities, Quantity, Unit, Installation and Initial Configuration?, Associated RFPs. Rows: Leased Dark Fiber, Leased Lit Fiber, Category One Network Equipment

Description of Other Functions

Table with 2 columns: Id, Name. Narrative: In compliance with E-rate regulations, we are seeking bids for Category 1 for our district with the following minimum bid requirements: - Leased dark or lit fiber connecting the addresses outlined in the RFP document. - Network equipment consisting of Qty 2 - Layer 3 switches with 24 port PoE that supports 4 SFP+ 10 GB, Cisco 9300's or equivalent, with 5 year licenses

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- Switches are to be installed at Menahga School District (216 Aspen Ave SE, Menahga MN 56464) and Henning School District (500 School Ave, Henning, MN 56551).

**Category Two Service Requests**

Service Type	Function	Manufacturer	Manufacturer Other Description	Entities	Quantity	Unit	Installation and Initial Configuration?	Associated RFPs
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**Description of Other Manufacturers**

<b>Id</b>	<b>Name</b>
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<b>Narrative</b>
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**Technical Contact**

Wendy Irons  
Erate Clerk  
218-631-3505 ext.1022  
wiron@fed.k12.mn.us

**State and Local Procurement Restrictions**

See details in RFP.
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**Billed Entities**

<b>Billed Entity Number</b>	<b>Billed Entity Name</b>
133927	LONG PRAIRIE-GREY EAGLE 2753
133960	SEBEKA SCHOOL DISTRICT 820
133947	Bertha-Hewitt Public School
133957	PILLAGER SCHOOL DISTRICT 116
133961	STAPLES-MOTLEY ISD 2170
133965	VERNDALE SCHOOL DISTRICT 818
133966	WADENA-DEER CRK SCH DIST 2155
133990	HENNING SCHOOL DISTRICT 545
133948	BROWERVILLE SCHOOL DIST 787
133953	MENAHGA SCHOOL DISTRICT 821
17016893	Freshwater Education School District #6004

# E-Rate Category 1 – Fiber Lease Request for Proposal - 1

Issue Date: January 20, 2023

Prepared by: Rich Murdock, Network Administrator

Freshwater Education District (FED) is seeking proposals for the Category 1 lease of dark or lit fiber to provide internet connectivity to its member school districts through a Wide Area Network. This RFP is for a 1-year contract of at least 2 strands or 1 Gbps -2 Gbps fiber lease. The real-world IP ranges will not be part of this bid. The successful bidder shall provide a contract agreement with FED for the unrestricted use of the installed fiber. The new contract agreement will start on July 1, 2023 and end on June 30, 2024.

The goals and objectives of the project include:

Provide data transmission circuits to connect the following locations. See Appendix A for a wide area network map.

**Midwest Hut (WAN demarcation)**

1018 Olmsted Ave SW

Wadena, MN 56482

**1. Freshwater Education District Building**

2222 Industrial Drive,

Wadena, MN 56482

**2. Bertha-Hewitt School**

310 Central Ave. S.

Bertha, MN 56437

**3. Browerville School**

620 Park Avenue N.

Browerville, MN 56438

**4. Long Prairie High School**

205 2<sup>nd</sup> Street S.

Long Prairie, MN 56347

**5. WALC School**

624 Jefferson St N,

Wadena, MN 56482

**6. Sebeka School**

200 1st St. NW

Sebeka, MN 56477

**7. Menahga School**

216 Aspen Ave SE

Menahga MN 56464

**8. Henning School**

500 School Ave

Henning, MN 56551

A. Henning Bus Garage: Lat/Lon: 46.32034746643356 / -95.44954061508177

B. Henning Press Box, Lat/Lon: 46.31936938929624 / -95.45053035020827

**9. Verndale School**

411 SW Brown St.  
Verndale, MN 56481

**10. Staples-Motley High School**

202 Pleasant Avenue NE.  
Staples, MN 56479

**11. CLC Building**

1830 Airport Rd,  
Staples, MN 56479

**12. Pillager High School**

323 East 2<sup>nd</sup> Street S.  
Pillager, MN 56473

**13. Wadena-DC School**

600 Colfax Ave SW,  
Wadena, MN 56482

**Network Equipment for Dark Fiber Solution**

FED is also seeking bids to replace the network equipment necessary to place circuits into service at Menahga School District and Henning School District. Switches must provide a minimum 24-port 10 Gig, 2 power supplies, 5-year license, and manufacturer's warranty. Pricing information including switch, license, GBICs, configuration, and any other components needed to put the switch into service, as well as manufacturer and model numbers, must be included in bids. FED will install the switches, but configuration will be needed. New switches should be Cisco Catalyst 9300 (C9300- DNA-A-24-3Y, PWR-C1-1100WAC-P) or equivalent, at the minimum. Do not propose equipment that is end-of-life or refurbished. Proposals must include all charges such as shipping fees, travel, per diem, and any other charges that will be invoiced. Switches and modulating electronics are not needed at the other locations, as they are already in place.

**Maintenance and Operations for Dark Fiber Solution**

Monthly recurring charges must include bundled Maintenance and Operations, without additional charges to the district.

**Bid Requirements**

1. Each bidder must complete and submit the provided "Price/Circuit Worksheet" with their proposal, see Appendix B. If numerous connections, such as meet-points, are needed to provide service to the addresses listed, then the service provider should include each connection to reach the end-point in their bid, for a total cost of service. Bidders can add additional lines/pages to the worksheet if needed.
2. Network equipment may be bid separately as a stand-alone service.
3. Respondents submitting a fiber lease proposal may also bid on equipment provided they bid them separately and do not bundle equipment costs with their fiber lease proposal.
4. Vendors responding to the fiber lease do not need to provide an all-inclusive bid, and the price of the fiber lease must be per circuit.
5. Vendors must notate on the proposal if any equipment or licenses are not E-rate eligible. If partially eligible, then provide the percentage to be cost-allocated.

6. Equipment proposed that is considered equivalent must include manufacturer documentation that proves compatibility and interoperability with the current Cisco environment.
7. Term dates of the data transmission contract must be for service beginning on July 1, 2023 and ending on June 30, 2024.
8. Term dates for the network equipment contract must be from April 1, 2023-June 30, 2024.

### **E-Rate Requirements:**

The Request for Proposal is necessary to file appropriate application forms administered by the Universal Services Administration Company (USAC) under the direction of Federal Communications Commission (FCC).

1. Bidders shall obtain a Service Provider Identification Number (SPIN) assigned by Schools and Libraries prior to submitting a proposal. Proposals without a SPIN will be rejected.
2. Vendors must be on green light status with USAC and remain so during the life of the contract; and be in compliance with all SLD/USAC/FCC regulations.
3. All quotes must be in writing and include the Vendor's SPIN and all taxes, fees, and surcharges.
4. Service providers must be in compliance with all E-rate rules, including Lowest Corresponding Price (LCP). Service providers are required to offer applicants their services at the LCP charged to other similarly situated customers throughout their geographic service area.
5. Contracts should allow for scalability, increased bandwidth, and the addition of sites, equipment, and service to meet the future needs of the districts.
6. If you need assistance navigating the E-rate program, contact USAC's Client Service Bureau at 888-203-8100, or visit the website at <https://www.usac.org/e-rate/service-providers/>.
7. If awarded, contractor shall coordinate with Freshwater Education District to complete all required E-Rate documentation and forms including but not limited to E-Rate form 471.

FED shall select the qualified bidders whose proposal is most advantageous to FED with price and other factors considered as allowed by E-Rate. Non-responsive bids will not be evaluated. Bidders are advised to be careful not to make any changes or mistakes as any material alteration to the form or intent of the RFP shall be, at the sole discretion of the District, grounds for disqualification of the proposal.

FED reserves the right to reject any and all proposals for good cause pursuant to E-Rate. All proposals shall be reviewed internally and the results of all decisions announced to all respondents.

### **Proposal Timeline:**

Questions must be submitted in writing no later than February 3rd, addressed to Wendy Irons, E-rate contact at [wirons@fed.k12.mn.us](mailto:wirons@fed.k12.mn.us). Questions and answers will be shared with all potential vendors by uploading the Q&A to the FCC Form 470. It is the vendors' responsibility to check the FCC Form 470 site for any amendments and the Q&A.

Sealed proposals must be received at Freshwater Education District by 1:00 PM local time on February 17, 2023 by mail or digital format. Freshwater Education district has the option of extending the proposal deadline at its own discretion.

**Sealed proposals shall be addressed as follows:**

Freshwater Education District

2222 Industrial Drive

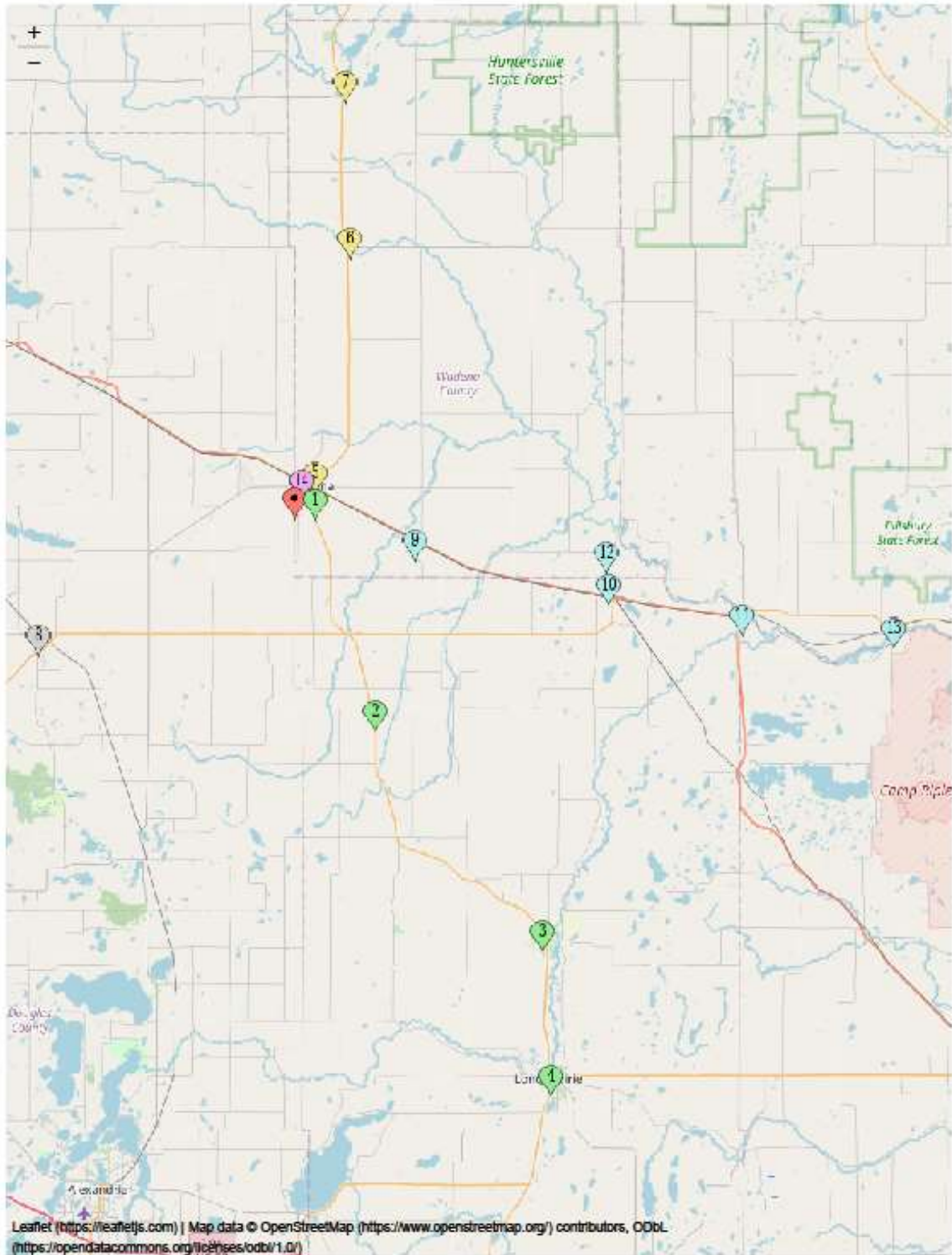
Wadena, MN 56482

Attn: Wendy Irons

Or proposals can be emailed to: [wirons@fed.k12.mn.us](mailto:wirons@fed.k12.mn.us)

Please add in the subject line: Fiber Lease Proposal.

## Appendix A: Wide Area Network Map



## Wide Area Network Addresses

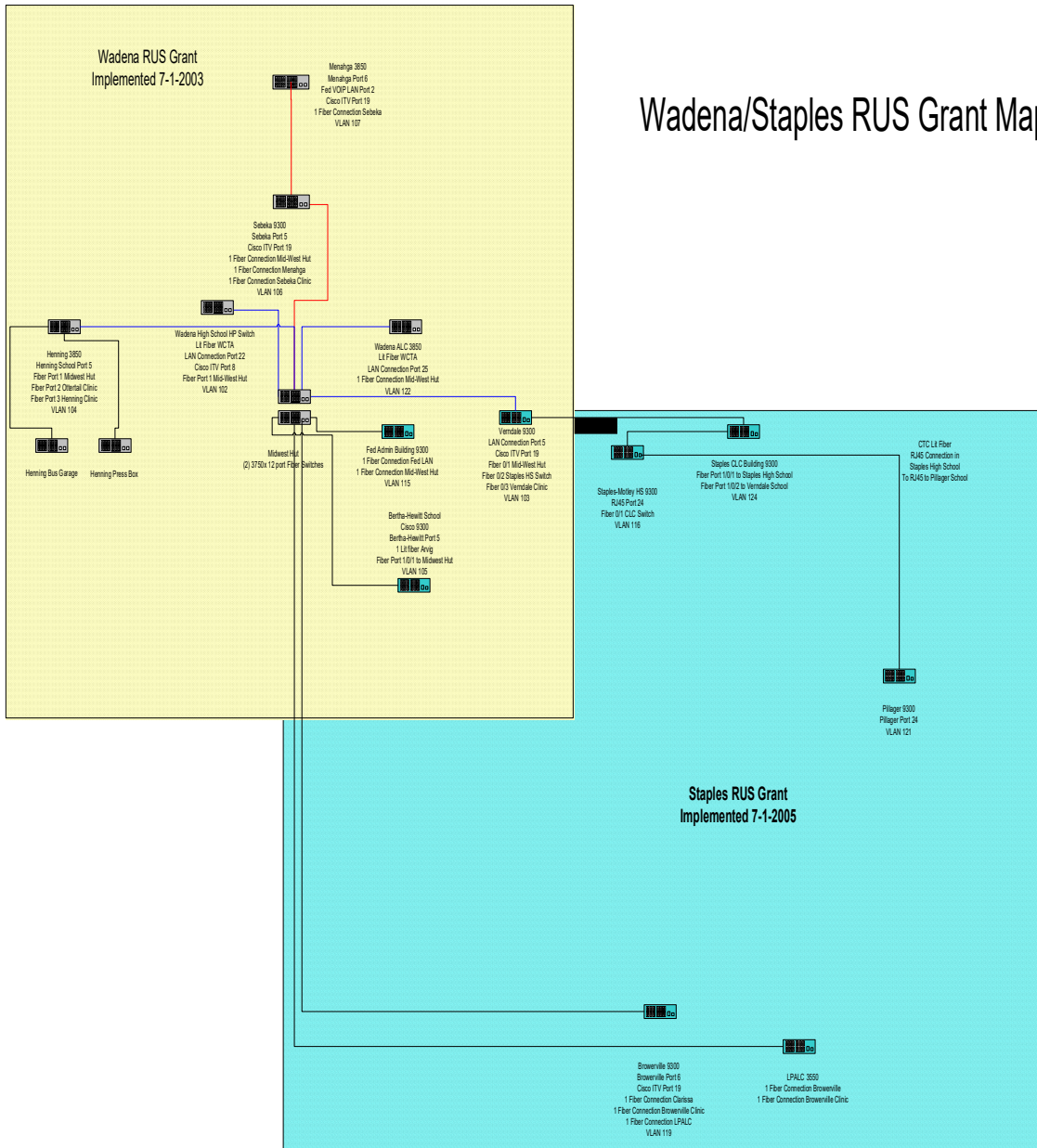
Hub: Midwest Hut, 1018 Olmsted Ave Southwest, Wadena, Wadena County, Minnesota, 56482

End-Point Addresses, each corresponds to the numbered location on the above map

1. Fresh Water Education District, 2222 Industrial Drive, Wadena, Wadena County, Minnesota, 56482
2. Bertha-Hewitt School, 310 Central Avenue, Bertha, Todd County, Minnesota, 56437
3. Browerville School, 620 Park Avenue North, Browerville, Todd County, Minnesota, 56438
4. Long Prairie High School, 510 9<sup>th</sup> Street NE, Long Prairie, Todd County, Minnesota, 56347
5. Wadena ALC School, 624 Jefferson Street North, Wadena, Wadena County, Minnesota, 56482
6. Sebeka School, 200 1st Street Northwest, Sebeka, Wadena County, Minnesota, 56477
7. Menahga School, 216 Aspen Ave SE, Menahga, Wadena County, Minnesota, 56464
8. Henning School, 500 School Avenue, Henning, Otter Tail County, Minnesota, 56551
  - a. Henning Bus Garage, Lat/Lon: 46.32034746643356 / -95.44954061508177
  - b. Henning Press Box, Lat/Lon: 46.31936938929624 / -95.45053035020827
9. Verndale School, 411 SW Brown Street, Verndale, Wadena County, Minnesota, 56481
10. Staples-Motley High School, 202 Pleasant Avenue NE, Staples, Todd County, Minnesota, 56479
11. CLC Building, 1830 Airport Road, Staples, Wadena County, Minnesota, 56479
12. Pillager High School, 323 East 2nd Street S., Pillager, Cass County, Minnesota, 56473
13. W-DC School, 600 Colfax Avenue SW, Wadena, Wadena County, Minnesota, 56482



# Wadena/Staples RUS Grant Map



## Appendix B:

### Price/Circuit Worksheet

<b>Location name</b>	<b>Non-Recurring Cost</b>	<b>Dark Fiber Lease MRC 2 strands - 12 month term</b>	<b>Lit Fiber Lease MRC 1 Gbps - 12 month term</b>	<b>Lit Fiber Lease MRC 2 Gbps - 12 month term</b>
From: Midwest Hut				
(1) FED Building				
(2) Bertha-Hewitt School				
(3) Browerville School				
(4) Long Prairie High School				
(5) WALC School				
(6) Sebeka School				
(7) Menahga School				
(8) Henning School				
(8a) Henning Bus Garage				
(8b) Henning Press Box				
(9) Verndale School				
(10) Staples-Motley High School				
(11) Pillager High School				
(12) CLC Building				
(13) W-DC School				