

E-RATE YEAR 2022-2023 RFP

**Internal Connections – Network Infrastructure Upgrade
ALUM ROCK UNION SCHOOL DISTRICT (144330)**

E-rate Form 470 Application

Submission Deadline – Wednesday, September 14, 2022 at 12:00 PM

The ALUM ROCK UNION SCHOOL DISTRICT is seeking proposals to upgrade the network infrastructure at 22 sites for its E-rate FY2022 application. The contract term is **July 1, 2023 through June 30, 2025**. Depending on when the funding is awarded, a contract extension may be necessary to complete the full scope of work at each site.

Key Dates:

The proposed project schedule for this RFP is as follows:

RFP Published/Form 470 Posted: Friday, August 12, 2022
Mandatory Walkthrough RSVP Date: Friday, August 19, 2022
Mandatory School Walkthrough:Wednesday, August 24, 2022
Service Provider Questions Due: Monday, August 29, 2022
Addendum with Replies to Service Provider Questions:...Friday, September 2, 2022
Service Provider Responses Due: Wednesday, September 14, 2022
Service Start Date: Saturday, July 1, 2023

Service Provider Requirements:

1. Service Provider must provide a valid SPIN at the time the bid is submitted, and the SPIN must be included in the response documentation.
2. Service Providers must have a current FCC Red Light Display System Status of Green.
3. Service Providers must demonstrate a minimum of 10 years of experience in K-12 education or city/county government markets.
4. Service Providers must demonstrate a minimum of 5 years of E-Rate Category 2 Internal Connections experience.
5. Service Providers must reference a minimum of (3) similar-sized projects where E-Rate Category 2 Internal Connections funds must have been used on at least (2) of these projects. Please include contact name, contact email, contact phone number, total project dollar amount, project completion time, and a brief description of the

project.

6. Service Providers must hold a valid and current manufacturer certification or equivalent for other manufacturers proposed. A copy of the certificate must be included in the proposal.
7. Service Providers must have Certified Network Resources. Service Providers may be required by the **DISTRICT** to provide proof of certification.
8. The **ALUM ROCK UNION SCHOOL DISTRICT** may elect either the Billed Entity Reimbursement or Service Provider method of invoicing.
9. The Service Provider must attend a mandatory walk-through of **3 of its school sites on August 24, 2022, at ALUM ROCK UNION SCHOOL DISTRICT located at Russo/McEntee Academy and ending at Sheppard Middle School and Painter Elementary. Due to COVID-19 and CDC guidelines regarding social distancing, walk throughs may be limited per date. All vendors must register by August 19, 2022 to participate in mandatory walkthroughs.**

Project and Contract Requirements

This project is dependent on partial funding from the E-rate program. All contracts entered into as a result of the posting of the Form 470/RFP will be contingent upon the approval of discounts from the Universal Services Administrative Company (USAC) and the ALUM ROCK UNION SCHOOL DISTRICT acceptance of the funding award. No part of this contract will be valid or executed outside of E-Rate timelines and approvals unless authorized by the ALUM ROCK UNION SCHOOL DISTRICT.

- a. Appendix A Details the equipment required at each site. Manufacturers with equivalent functionality can be quoted however all options must be compatible with existing infrastructure.
- b. Appendix B Details the walkthrough schedule and walkthrough sites.
- c. All equipment and supporting components must be new. Used or refurbished items will not be accepted by ALUM ROCK UNION SCHOOL DISTRICT.
- d. All components and associated labor not eligible for E-rate funding must be provided in a separate quote.
- e. Estimated Discount is **85%** for the ALUM ROCK UNION SCHOOL DISTRICT.
- f. All proposals submitted must include a validated Item21 attachment using USAC's latest template.
- g. ALL Item 21 Attachments must be submitted individually for each site.
- h. All ineligible allocations on eligible must be clearly included in your proposal and in the Item21 attachment.
- i. Ineligible items and features must be clearly included in your proposal and in the Item21 attachment.
- j. All pricing must include taxes, shipping/handling, and all other eligible fees.
- k. Manufacturer's multi-year warranty for a period up to three years may be included in the cost of the component
- l. Manufacturer's warranty must be valid and verifiable.
- m. Prices must be held firm for the duration of the contract or until all work associated with the project(s) are complete (including any Universal Services Administrative Company (USAC) approved extensions).
- n. Any implementation that is done prior to the funding award must be requested and approved in writing by the ALUM ROCK UNION SCHOOL DISTRICT.
- o. Services covered by this contract cannot take place before the contract start date of July 1, 2023, unless requested by the ALUM ROCK UNION SCHOOL DISTRICT.
- p. All vendors must comply with School Local, State, and Federal contracting requirements including but not limited to:
 - Prevailing Wage
 - Insurance
- q. Notice To Proceed:
 - This project is contingent on funding from the E-rate program. As such, the

ALUM ROCK UNION SCHOOL DISTRICT will not issue a Notice to Proceed until a copy of the approved Funding Commitment Decision Letter (FCDL) has been received from USAC and a Form 486 "Receipt of Service Confirmation" has been filed. The contractor will not be permitted to commence work, unless otherwise directed by the **ALUM ROCK UNION SCHOOL DISTRICT**, until a Notice to Proceed has been issued. The **ALUM ROCK UNION SCHOOL DISTRICT** will not be responsible for costs incurred by the Service Provider prior to receiving a Notice to Proceed.

r. Reservation of Rights:

a. **ALUM ROCK UNION SCHOOL DISTRICT** reserves the right to award all, none, or select portions of this bid to one or multiple Service Providers. **ALUM ROCK UNION SCHOOL DISTRICT** reserves the right to negotiate terms and conditions of the RFP as necessary, to reject any or all proposals, to increase quantities, and to waive any irregularities or informalities in the RFP or in this process.

Proposal Evaluation:

It is anticipated that a contract will be made with the provider whose proposal is determined to be the most cost-effective and in the overall best interest of **ALUM ROCK UNION SCHOOL DISTRICT**. The criteria that will be used to evaluate all vendor responses are:

- 1) Price
- 2) Compatibly with Existing Infrastructure
- 3) Understanding of Needs
- 4) Experience and Qualifications
- 5) Completeness of Response

APPENDIX A

List of Equipment and scope of work required

Alum Rock Union School District is seeking proposals from qualified vendors for the purpose of obtaining equipment and services for various infrastructure upgrades through the E-rate program for 22 SITES OF THE DISTRICT. For all items detailed below, alternative manufacturers and solutions can be proposed but any alternatives must be compatible with the existing network infrastructure and be cost-effective. Additional items, such as racks, cabling, connectors, and exact quantities may be quoted as needed to complete the solution or as determined during the mandatory walk-through. All ineligible allocations on eligible components must be clearly included in your proposal and in the Item21 attachment. Components not eligible for E-rate funding must be provided on a separate quote.

Please provide separate quotes for each location

BEN	Beneficiary Name	Type	Address
110004	Chavez Elementary School	School	2000 KAMMERER AVE SAN JOSE, CA 95116-3016 SANTA CLARA
110006	San Antonio Elementary School	School	1855 E SAN ANTONIO ST SAN JOSE, CA 95116-3060 SANTA CLARA
110011	Aptitud Community Academy at Goss	School	2475 VAN WINKLE LN SAN JOSE, CA 95116-3758 SANTA CLARA
110065	Meyer Elementary School	School	1824 DAYTONA DR SAN JOSE, CA 95122-1719 SANTA CLARA
110068	Dorsa Elementary School	School	1290 BAL HARBOR WAY SAN JOSE, CA 95122-1902 SANTA CLARA
110071	Hubbard Elementary School	School	1745 JUNE AVE SAN JOSE, CA 95122-2213 SANTA CLARA
110081	Cassell Elementary School	School	1300 TALLAHASSEE DR SAN JOSE, CA 95122-3939 SANTA CLARA
110153	McCollam Elementary School	School	3311 LUCIAN AVE SAN JOSE, CA 95127-1544 SANTA CLARA
110158	Linda Vista Elementary School	School	100 KIRK AVE SAN JOSE, CA 95127-2216 SANTA CLARA
110163	Cureton Elementary School	School	3720 E HILLS DR SAN JOSE, CA 95127-2418 SANTA CLARA
110166	Lyndale Elementary School	School	13901 NORDYKE DR SAN JOSE, CA 95127-3138 SANTA CLARA

110168	George Middle School	School	277 MAHONEY DR SAN JOSE, CA 95127-3547 SANTA CLARA
110170	Ryan Elementary School	School	1241 MCGINNESS AVE SAN JOSE, CA 95127-4026 SANTA CLARA
110228	Painter Elementary School	School	500 ROUGH AND READY RD SAN JOSE, CA 95133-2068 SANTA CLARA
110229	Sheppard Middle School	School	480 ROUGH AND READY RD SAN JOSE, CA 95133-2422 SANTA CLARA
110248	Ocala Middle School	School	2800 OCALA AVE SAN JOSE, CA 95148-1114 SANTA CLARA
160429 99	Adelante Dual Language Academy	School	2999 RIDGEMONT AVENUE SAN JOSE, CA 95127 SANTA CLARA
160430 01	Learning In An Urban Community With High Achievement	School	1250S S KING RD SAN JOSE, CA 95122 SANTA CLARA
160430 02	Renaissance Academy	School	1720 HOPKINS DRIVE SAN JOSE, CA 95122 SANTA CLARA
160482 09	Anthony P. Russo Academy	School	2851 GAY AVENUE SAN JOSE, CA 95127 SANTA CLARA
160791 20	Rennaisance At Mathson	School	2050 KAMMERER AVENUE SAN JOSE, CA 95116 SANTA CLARA
170178 28	Adelante li Dual Language Academy	School	1970 Cinderella Lane San Jose, CA 95127 Santa Clara

Reference Switches			
Manufacture	Model	MFG Part	Quantity requested for bid or as needed
Arista	CCS-720 Campus Switches	CCS-720XP-48ZC2-2F	85
Arista	CCS-720 Campus Switches	CCS-720XP-96ZC2-4F	97
Arista	7020R Series Data Center Switches	DCS-7020SR-24C2-F	44

- Switching Requirements:
 - Edge and Core switches must support routing protocols: OSPF V1/2, Policy-based routing, Static routing
 - Edge switches must support IEEE 802.1X port control, authentication, authorization, and accounting. Including MAC and User-based Authentication.
 - Edge switches must support IEEE 802.1X port security for trunk/tagged ports.
 - Edge switches must support PoE and PoE+ standards and with active full power POE on ALL ports
 - Ability to participate in a Spine and Leaf Architecture without reliance on stack-based synchronization. Each member of the spine must be completely autonomous.

- All devices must allow management via TACACS with a fallback to local login.
- All devices must support NetFlow or SFlow from all ports
- The core must have at least 24 ports of SFP+ and 2 ports of QSFP(40 and/or 100Gbs)
- The edge must have 48 and 96 port options for copper-based connections with mGig (IEEE 802.3bz/NBASE-T/MGBASE-T) standard
- All devices must support 4096 VLANs
- All devices must support IEEE 802.1Q VLAN tagging
- Support for SNMP V2 and V3
- Support for QOS with 802.1p classification
- All devices must have AnyCast and Multicast support
- Racks and Cabinets
 - Racks and Cabinets necessary for the switching solution offering.
- Installation
 - No installation is necessary for the switches. However, expert support for the installation will be considered if not already offered.
 - Installation for the racks and cabinets is required.
- Configuration
 - All devices must allow remote configuration via SSH compliant with District network management software.
 - All licenses for software must be perpetual and not rely on renewal of support or licenses for devices to fully function.

Optional:

- Management
 - All devices must be able to be monitored by the district NMS. Details on NMS upon request
- Maintenance
 - The district is open to maintenance support contracts for 1- or 3-year terms.

APPENDIX B
ALUM ROCK UNION SCHOOL DISTRICT Walkthrough Schedule

Day: Wednesday, August 24th, 2022

Time	Detail
10 AM - 11 AM	Meet at the District office in the IT department. Discuss Network Architecture, needs, number of sites, number of switches etc... <u>Address:</u> 2930 Gay Ave. building #300
11 AM - 12 PM	Walkthrough of Russo/McEntee Academy <u>Address:</u> 2851 Gay Ave. San Jose, CA 95127
12 PM - 1 PM	Walkthrough of Sheppard Middle School (<u>Address:</u> 480 Rough and Ready Rd. San Jose CA 95133) & Painter Elementary (<u>Address:</u> 500 Rough and Ready Rd. San Jose CA 95133)
1 PM - 1:30 PM	Conclusion. Questions and Answers