

ACTON AGUA DULCE UNIFIED SCHOOL DISTRICT
32248 Crown Valley Road
Acton, California, 93510
PHONE: (661) 269-0750

RFQ: E-rate Category 2 Equipment
RFQ NO: Meadowlark 01 (2017/2018)
Posting Date: Friday February 3, 2017

PLEASE RESPOND ON THE FOLLOWING FORM(S), BY ENTERING YOUR PRICES FOR THE ITEMS LISTED. WHERE APPLICABLE, INDICATE ALTERNATE BRAND, MODEL, ETC. DISTRICT RESERVES THE RIGHT TO AWARD BY LOT OR ITEM. PLEASE DIRECT QUESTIONS TO THE DISTRICT REPRESENTATIVE CONTACT LISTED BELOW. DELIVERY IS MEADOWLARK SCHOOL, 3015 W. SACRAMENTO STREET, ACTON, CALIFORNIA, 93510. PAYMENT TERMS NET 30 DAYS.

RESPONSE REQUIRED BY 3:00 PM PST ON DUE DATE TO THE EMAIL ADDRESS LISTED BELOW.
EMAILS MUST INCLUDE THE RFQ NUMBER IN THEIR SUBJECT LINE. SEE ADDITIONAL SUBMISSION REQUIREMENTS ON PAGE 6.

DUE DATE: **March 3, 2017 3:00 PM PST**
RFQ NO: Meadowlark 01 (2017/2018)

CONTACT: Ty Devoe, Director of Technology
PHONE: (661) 269 0451
EMAIL: tdevoe@aadusd.k12.ca.us

IMPORTANT NOTE: PLEASE INCLUDE SUB-TOTAL, APPLICABLE DISCOUNTS, SHIPPING & HANDLING, SALES TAX AND TOTAL COST ON YOUR QUOTATION.

QUOTATIONS MUST BE AS SPECIFIED OR EQUAL. ALL EQUIVALENT OR ALTERNATE ITEMS MUST INCLUDE SPECIFICATIONS DEMONSTRATING EQUIVALENCY. THE DISTRICT RESERVES THE RIGHT TO REQUIRE SAMPLES OR WORKING DEMO EQUIPMENT ON-SITE FOR TESTING, PRIOR TO AWARD AND FINAL SELECTION OF BRAND AND/OR MODEL, BASED ON REQUIREMENTS AND INFORMATION SUPPLIED BY VENDOR. THE DISTRICT IS UNDER NO OBLIGATION TO PROCURE ANY ITEMS OR SERVICES, OR TO PROCURE ANY ITEMS OR SERVICES FROM ANY PARTICULAR SOURCE OR UPON ANY PARTICULAR BASIS. ALL SAMPLES OR DEMO UNITS WILL BE RETURNED AFTER TESTING IS COMPLETE.

RFQ CMAS/WSCA Requirements

For the purposes of this RFQ, the term “Service Provider” and “Vendor” may be used interchangeably and have the same meaning, whether stated or not.

All Service Providers/vendors responding to the posted Form 470 are to be listed as California Multiple Awards Schedule (CMAS) and/or WSCA-NASPO Service Providers. Public Contract Code (PCC) Sections 10290 et seq. and 12101.5 include approval for local government agencies to use CMAS for acquisition of information technology and non-information technology products and services.

A local government agency is any city, county, city and county, district, or other local governmental body or corporation, including the California State Universities (CSU) and University of California (UC) systems, K-12 schools and community colleges empowered to expend public funds.

FOR CMAS: In addition to the requirements outlined in this RFQ, service providers may be subject to additional requirements as outlined in the CMAS Local Government Agency Guide (March 2010 edition) located at:

<http://www.documents.dgs.ca.gov/pd/cmas/LocalGovtAgencyPacketMarch10.pdf>

For WSCA-NASPO: All proposals must be submitted by WSCA-NASPO Authorized Resellers that have been approved by the State Contract Administrator.

Public Contract Code sections 10298-10299 allow the Department of General Services, Procurement Division (DGS-PD) to enter into cooperative purchasing agreements with other states. Cooperative agreements are available to all State of California governmental entities (State departments, agencies, cities, counties, school districts, universities, etc.) that expend public funds for the acquisition of both goods and services.

The DGS-PD has elected to participate in the following multi-state cooperative agreements established by other states participating in the NASPO ValuePoint Cooperative Program and other cooperative programs as specified in the link below.

<http://www.dgs.ca.gov/pd/Programs/Leveraged/wsca.aspx>

It is the responsibility for service providers to familiarize themselves with CMAS and/or WSCA-NASPO requirements.

E-rate Supplemental Terms and Conditions

The Telecommunications Act of 1996 established a fund by which Schools and Libraries across the Country could access discounts on eligible telecommunications products and services. The program is commonly known as the E-rate Program. The eligibility for discounts on internet access, telecommunications products and services, internal connection products, services and maintenance is determined by the Federal Communications Commission (FCC). Funding is made available upon application approval by the Schools and Libraries Division (SLD) of the Universal Service Administrative Company (USAC), which was established by the Act. The amount of discount is based on the numbers of students receiving free and reduced price meals.

1) E-RATE CONTINGENCY

The project herein is contingent upon the approval of funding from the Universal Service Fund’s Schools and Libraries Program, otherwise known as E-rate. Even after award of contract(s) and/or E-rate funding approval is obtained, the District may or may not proceed with the project, in whole or in part. Execution of the project, in whole or in part, is solely at the discretion of the District.

2) SERVICE PROVIDER REQUIREMENTS

The District expects Service Providers to make themselves thoroughly familiar with any rules or regulations regarding the E-rate program.

- a. Service Providers are required to be in full compliance with all current requirements and future requirements issued by the SLD throughout the contractual period of any contract entered into as a result of this RFQ.
- b. Service Providers are responsible for providing a valid SPIN (Service Provider Identification Number). More information about obtaining a SPIN may be found at this website: <http://www.usac.org/sl/service-providers/step01/default.aspx>
- c. Service Providers are responsible for providing a valid Federal Communications Commission (FCC) Registration Number (FRN) at the time the bid is submitted. More information about obtaining an FRN may be found at this website: <https://fjallfoss.fcc.gov/coresWeb/publicHome.do>
- d. Service Providers are responsible for providing evidence of FCC Green Light Status at the time the bid is submitted. Any potential bidder found to be in Red Light Status will be disqualified from participation in the bidding process and will be considered non-responsive. More information about FCC Red and Green Light Status may be found at this website: http://www.fcc.gov/debt_collection/welcome.html
- e. Products and services must be delivered before billing can commence. At no time may the Service Provider invoice before July 1, 2017.
- f. Prices must be held firm for the duration of the associated E-rate Funding Year(s) or until all work associated with the project is complete (including any contract and USAC approved extensions).
- g. Goods and services provided shall be clearly designated as "E-rate Eligible". Non-eligible goods and services shall be clearly called out as 100% non-eligible or shall be "cost allocated" to show the percentage of eligible costs per SLD guidelines.
- h. Within one (1) week of award, the awarded Service Provider must provide the District a bill of materials using a completed USAC "Item 21 Template." Subsequent schedules of values and invoices for each site must match Item 21 Attachment or subsequent service substitutions. A summary sheet must also be provided to provide the cumulative amount for all sites.**
- i. In the event of questions during an E-rate pre-commitment review, post-commitment review and/or audit inquiry, the awarded Service Provider is expected to reply within three (3) days to questions associated with its proposal.
- j. The awarded Service Provider is required to send copies of all forms and invoices to the District prior to invoicing USAC for pre-approval. Failure to comply with this requirement may result in the District placing the vendor on an "Invoice Check" with the USAC
<http://www.usac.org/sl/applicants/step07/invoice-check.aspx>
- k. Services providers must comply with the FCC rules for Lowest Corresponding Price ("LCP"). Further details on LCP may be obtained at USAC's website: <http://www.usac.org/sl/service-providers/step02/lowest-corresponding-price.aspx>

3) SERVICE PROVIDER ACKNOWLEDGEMENTS

- a. The Service Provider acknowledges that no change in the products and/or services specified in this document will be allowed without prior written approval from the district and a USAC service substitution approval with the exception of a Global Service Substitutions.
- b. The Service Provider acknowledges that all pricing and technology infrastructure information in its bid shall be considered as public and non-confidential pursuant to §54.504 (2)(i)(ii).
- c. The Service Provider acknowledges that its offer is considered to be the lowest corresponding price pursuant to § 54.511(b). Should it not be the lowest corresponding price, the service provider must disclose the conditions leading to the applicant being charged in excess of lowest corresponding price.
- d. This offer is in full compliance with USAC’s Free Services Advisory <http://www.usac.org/sl/applicants/step02/free-services-advisory.aspx>. There are no free services offered that would predicate an artificial discount and preclude the applicant from paying its proportionate non-discounted share of costs. The service provider agrees to provide substantiating documentation to support this assertion should the applicant, USAC, or the FCC request it.

4) STARTING SERVICES/ADVANCE INSTALLATION


The annual E-rate Funding Year begins on July 1 and expires on June 30 of each calendar year. Regardless of the contract “effective date”, E-rate eligible goods and/or services requested in this RFQ shall be delivered no earlier than the start of the 2017 funding year (July 1, 2017). If Category 1 services (Telecommunication Services and Internet access) will begin on or shortly after July 1 of a funding year, the service provider, in some cases, may need to undertake some construction and installation work prior to the beginning of that funding year. Within the limitations indicated below, the infrastructure costs of a service provider can be deemed to be delivered at the same time that the associated Category 1 services begin. That is, if services begin on July 1, then the delivery of service provider infrastructure necessary for those services can be considered as also delivered on July 1.

EARLY FUNDING CONDITIONS

Category 1

There are four conditions that must be met in order for USAC to provide support in a funding year for Category 1 infrastructure costs incurred prior to that funding year.

- *Initiation of installation cannot take place before selection of the service provider pursuant to a posted Form 470 and in any event no earlier than six (6) months prior to July 1 of the funding year.*
- *The Category 1 service must depend on the installation of the infrastructure.*
- *The underlying Category 1 service cannot have a service start date prior to July 1 of the funding year.*
- *No invoices can be submitted to USAC for reimbursement prior to July 1 of the funding year.*


For more information, please refer to the FCC Order involving the Nassau County Board of Cooperative Educational Services (DA 02-3365 , released December 6, 2002). This FCC decision only applies to Priority 1 services (telecommunications services and Internet access).

The complete text can be found at the following URL:
<http://www.usac.org/sl/applicants/step05/installation.aspx>

Category 2

There is one condition that allows USAC to provide support in a funding year for Category 2 installation costs incurred prior to that funding year.

- *We also amend our rules for category two non-recurring services to permit applicants to seek support for category two eligible services purchased on or after April 1, three months prior to the start of funding year on July 1. This will provide schools with the flexibility to purchase equipment in preparation for the summer recess and provide the maximum amount of time during the summer to install these critical networks.*

For more information, please refer to the FCC Report and Order and Further Notice of Proposed Rulemaking ([FCC 14-99](#) , released July 23, 2014). This FCC decision only applies to Category 2 services (Internal Connections).

5) INVOICING

- a. The Service Provider agrees to bill and receive a portion of the payment for the provisions of goods and services described herein directly from USAC via the Form 474 Service Provider Invoice (SPI). The District will only be responsible for paying its non-discounted share of costs and does not intend to use the BEAR process (Form 472). The maximum percentage the District will be liable for is the pre-discount amount minus the funded amount as shown on the FCC Form 471 Block 5 and any identified ineligible costs. Upon the successful receipt or posting of a Funding Commitment Decision Letter from the SLD and submission and certification of Form 486, the District shall pay only the discounted amount beginning with the billing cycle immediately following said approval. Alternatively, should the District decide that it is in the best interest of the District to file a Form 472, the District will inform the Service Provider of its intent.
- b. All Service Provider invoicing to USAC must be completed within 120 days from the last day of service. Should the Service Provider fail to invoice USAC in a timely manner, the District will only be responsible for paying its non-discounted share.

6) FCC/SLD AUDITABILITY

The E-rate program requires that all records be retained for at least ten (10) years from the last date of service provided on a particular funding request. Respondent hereby agrees to retain all books, records, and other documents relative to any Agreement resulting from this RFQ for ten (10) years after final payment. The District, its authorized agents, and/or auditors reserves the right to perform or have performed an audit of the records of the Respondent and therefore shall have full access to and the right to examine any of said materials within a reasonable period of time during said period.

7) PROCUREMENT OF ADDITIONAL GOODS AND/OR SERVICES/COTERMINOUS EXPIRATION

During the term of any Agreement resulting from this RFQ, the District may elect to procure additional or like goods and/or services offered by the Respondent. Such services shall be negotiated and obtained via an official amendment to this Agreement and approval by the District’s Governing Board. All terms, conditions, warranties, obligations, maintenance and support of said goods or services shall have a coterminous expiration date with the original date of this Agreement. The District shall not enter into a separate Agreement for said goods or services. Respondents must state in their proposal that they acknowledge, accept and are in agreement with coterminous expiration conditions.

I, the undersigned, as an authorized agent of _____ (Service Provider Name), hereby certify that I have read the E-rate Supplemental Terms and Conditions, am fully compliant and intend to cooperate with the E-rate process as outlined above. Signature: _____ Title: _____ Phone Number: _____ Email: _____ Service Provider Name: _____

Right to Reject Any and All Quotes

The Applicant reserves the right to reject any or all quotation submittals and to waive any informalities or regularities. The Service Provider’s quotation submission is recognition of this right.

In addition, the Applicant reserves the right to fund, (proceed with project or purchase) or not to fund, regardless of E-Rate approval.

Trade Names and Alternatives

For convenience in designation on the plans or in the specifications, certain articles or materials to be incorporated in the work may be designated under a trade name or in the name of a manufacturer. Whenever in specifications any materials, process, or article is indicated or specified by grade, patent, or proprietary name or by name of manufacturer, such specification shall be deemed to be used for the purpose of facilitating description of material, process or article desired and shall be deemed to be followed by the words "or equal," and service provider may, unless otherwise stated, offer any material, process or article which shall be substantially equal or better in every respect to that so indicated or specified. If material, process or article offered by service provider is not, in opinion of the District, substantially equal or better in every respect to that specified, then service provider shall furnish material, process or article specified. Burden of proof as to equality of any material, process or article shall rest with service provider. Without such documentation, the District cannot accept the argument on functionality equivalent or better based on cost alone. Products must be compatible with existing systems. Service Provider shall submit request together with substantiating data for substitution of any "or equal" item within the sealed bid packet at the closing of bids. Provision authorizing submission of "or equal" justification data shall not in any way authorize an extension of time for performance of this contract.

Please note: All “or equal” components must not void and must be supported by corresponding manufacture warranty. District retains the right to be sole judge as to whether equivalency has been proven and whether alternatives will be accepted.

Prospective Service Providers are required to submit the following:

1. Three (3) references describing Service Provider’s portfolio experience with comparable projects within a K-12 customer market
2. Service Provider’s SPIN number
3. Service Provider’s FCC Registration Number (FRN).
4. “Equipment list” completely filled in Failure by Service Provider to supply these documents shall be considered grounds for disqualification.

Evaluation Criteria

The District, in compliance with Federal Communications Commission (FCC) rules, will award to the vendor(s) providing the most cost-effective service offering. Per the Sixth Report and Order, FCC 10-175, FCC rules dictate the following:

§ 54.503 (c)(2)(vii) All bids submitted for eligible products and services will be carefully considered, with price being the primary factor, and the bid selected will be for the most cost-effective service offering consistent with § 54.511.

§ 54.511 Ordering Services (a) Selecting a provider of eligible services. In selecting a provider of eligible services, schools, libraries, library consortia, and consortia including any of those entities shall carefully consider all bids submitted and must select the most cost-effective service offering. In determining which service offering is the most cost-effective, entities may consider relevant factors other than the pre-discount prices submitted by providers, but price should be the primary factor considered.

Therefore, the District may consider factors other than price alone in the consideration of bids; price for E-rate eligible goods and services will be the primary factor considered.

The selection process for the vendor(s) will include the following evaluation and point assignment/rating criteria:

Factor	Total Points Available
Cost of E-rate Eligible Services	25
Cost of E-rate Ineligible Services	10
Vendor quote meets district’s minimum specification	20
Experience with district	15
Ability to deliver services at the start of funding year	10
Ability to deliver services throughout district geographic region	10
Financial Stability	10
Total Possible Points	100

Submission Instructions

Service Provider shall provide **one (1)** original signed RFQ Responses via email and **one (1)** complete copy of their valid CMAS and/or WSCA-NASPO Contract or valid web-address to all contract pages; via email to First Name Last Name Email Address by the due date and time specified on page 1.

Question Submission:

Any questions regarding this RFQ shall be submitted in writing to the contact contained herein. **Email inquiries are required.** **The District will not respond to phone call inquiries.**

All addendum(s), questions and answers will be posted to the district's website at www.aadusd.k12.ca.us in addition to the E-rate EPC website at <https://portal.usac.org/suite/>

Please "Follow" the Form 470 to receive all EPC updates pertaining to the Form 470.

E-mail inquiries/questions must include within the subject line "**AADUSD District Network Electronics 470# 170064043 - Questions**" and are to be sent by **Friday February 17, 2017 2:00PM PST** to the following:

Contact Information:

Email: tdevoe@aadusd.k12.ca.us

Ty Devoe, Director of Technology

Response to questions/inquiries will be uploaded on **Friday, February 24, 2017** to E-rate USAC EPC Portal and also on school district's website.

Optional:

District will also hold optional Job walk for service provider on **Monday February 13, 2017 at 10:00 AM** at the following address:

MEADOWLARK SCHOOL

3015 W. SACRAMENTO ST

ACTON, LOS ANGELES, CA 93510

Proposal Submission:

All offers must be submitted to the contact information below by the deadline not later than **Friday, March 3, 2017 at 3:00 PM PST** ("RFO Deadline") also indicated on Page 1. Service Provider shall provide one (1) original Response.

Proposals must be sealed and clearly labeled with the Title of the RFP "AADUSD District Network Electronics 470# 170064043" on the outside of the envelope.

Contact Information:

Acton-Agua Dulce Unified School District

ATTN: Ty Devoe

Director of Technology

33630 Red Rover Mine Road

Acton, CA 93510

Alternative Submission via E-mail

Contact Information:

Email: tdevoe@aadusd.k12.ca.us

Ty Devoe, Director of Technology

It is the sole responsibility of each respondent to ensure all submittals and attachments are received by the District before the deadline. The District assumes no responsibility for transmission failures.

Pricing Instructions

Service Providers may provide pricing for all or any combination of sections outlined below.

Order Information

District reserves the right to order quantities in any size lot or lots of quantities. Pricing must remain firm for the period of April 1, 2017 thru September 30, 2018. The District reserves the right to extend the intent to purchase for an additional annual term through September 30, 2019. Vendor must continue to have a valid CMAS contract and/or continue to be a WSCA/NASPO approved reseller during the term of the purchase agreement.

In addition, the District reserves the right to fund, (proceed with project or purchase) or not to fund, regardless of E-Rate approval.

PROJECT SPECIFICATIONS

Section 1: Network Pathway, Horizontal Installation and Backbone

The Goal: To provide qualified vendors with the necessary information and specifications to allow them to respond with a solution that they determine best meets those requirements.

The District is seeking a new network pathway infrastructure and backbone installation, to include equipment and design.

The proposed solution price must include a complete bill of materials, applicable sales tax, applicable shipping, and optional professional services.

The scope of the project will be as follows:

We have identified 172 network drops across the site consisting of 140 data drops and 32 voice drops; we require all 172 drops to be run using a combination of 4 pair CAT6 riser cable (approximately 29,000 feet) and indoor/outdoor CAT6 cable (roughly 2000 feet). Most ceilings runs are above t-bar and will require j-hooks for a stable and secure installation. All drops need to be appropriately terminated, tested in accordance with ANC/TIA/EIA standards and best industry practice, labeled, and dressed with cable management systems.

6 Strand XG OM4 multimode indoor/outdoor riser fiber is required as the primary connection between MDF and IDFs and is estimated at 1500 feet combined. 150 feet of innerduct is also required in specified locations. All fiber connections will be properly terminated, including all necessary connectors, couplers, and fiber enclosures. All fiber connections will be properly terminated and tested.

All office wall drops require V2400 raceway installed and each classroom requires V4000 raceway, including appropriate covers, device boxes, fittings, couplings, clips and all other associated hardware and accessories required for an industry-standard or better installation. Additional identified conduit pathways are required and will be reviewed during a scheduled job walk.

Section 2: Wireless Equipment

The Goal: To provide qualified vendors with the necessary information and specifications to allow them to respond with a solution that they determine best meets those requirements.

The District is seeking a wireless implementation, to include equipment and design.

The proposed solution price must include a complete bill of materials, applicable sales tax, applicable shipping, and optional professional services.

The scope of the project will be as follows:

- All equipment and material should be new. Used, refurbished or repurposed equipment or material will not be acceptable.
- Install new access points with 4x4 802.11 ABGN/AC wireless access points throughout the site utilizing PoE+.

MINIMUM TECHNICAL REQUIREMENTS

In addition to the requirements listed above, the equipment included in the proposals needs to at least meet the following minimum requirements:

- Access Point shall conform to the industry standard specifications issued by IEEE 802.11a/b/g/n and 802.11ac
- The interoperability compliance shall be certified by Wi-Fi Alliance
- Access Point shall contains 512 MB or higher memory for capacity
- Access Point shall provides 22 dBm or higher Tx power for 11ac client for better coverage
- Access Point shall provide 4dBi (average) gain on both 2.4GHz and 5GHz Band*
- Access Point shall provide -101 dBm for its maxmum Rx sensitivity
- Access Point shall support local serial console port
- Access Point shall support Ch.144 to allow additional non-overlapping 40 and 80MHz channel
- Access Point shall ship with metal-based mounting bracket for durability and reliability
- Access Point shall support Beam Forming regardless types of 802.11a/g/n/ac client
- Access Point shall be 802.11ac/Wave-2 upgradeable
- Access Point shall be able to detect and identify BLE Beacon without extra hardware or module
- Standard Manufacturer Warranty

MINIMUM HARDWARE SPECIFICATIONS

The district is willing to accept bids from alternative manufacturers as long as they meet or exceed the current district standard. Please see the section “Trade Names and Alternatives” in this RFQ for further information.

SPECIFICATIONS (Total Quantity)

Part Number	Description	Quantity
IAP-325-US or equivalent	Aruba Instance AP – IAP 325	23

PROJECT SPECIFICATIONS

Section 3: Uninterruptible Power Supply (UPS)

The Goal: To provide qualified vendors with the necessary information and specifications to allow them to respond with a solution that they determine best meets those requirements.

The District is seeking to purchase uninterruptible power supply (UPS), to include equipment and design.

The proposed solution price must include a complete bill of materials, applicable sales tax, applicable shipping, and optional professional services.

The scope of the project will be as follows:

- The purpose of this project is to purchase a UPS with a three year warranty at each location.
- Standard Manufacturer Warranty

MINIMUM HARDWARE SPECIFICATIONS

The district is willing to accept bids from alternative manufacturers as long as they meet or exceed the current district standard. Please see the section “Trade Names and Alternatives” in this RFQ for further information.

SPECIFICATIONS (Total Quantity)

Part Number	Description	Quantity
SMART300RMXL2U & or equivalent	Tripp Lite SmartPro 3000VA UPS Rack/Tower	1
BP48V24-2U & or equivalent	Tripp Lite Battery Pack for SP 3000VA	1
SMART2200RMXL2U & or equivalent	Tripp Lite Smart UPS 2200va RM	2
2POSTRMKITWM & or equivalent	Tripp Lite 2 Post Rack Mount Installation Kit	2
SNMPWEBCARD & or equivalent	Tripp Lite SNMP/WEB UPS Adapter Base T Smart Slot	3

PROJECT SPECIFICATIONS

Section 4: Data Networking

The Goal: To provide qualified vendors with the necessary information and specifications to allow them to respond with a solution that they determine best meets those requirements.

The District is seeking to purchase a network core and school site switching solution.

The proposed solution price must include a complete bill of materials, applicable sales tax, applicable shipping, and optional professional services.

The scope of the project will be as follows:

MINIMUM HARDWARE SPECIFICATIONS

The district is willing to accept bids from alternative manufacturers as long as they meet or exceed the current district standard. Please see the section “Trade Names and Alternatives” in this RFQ for further information.

SPECIFICATIONS (Total Quantity)

Part Number	Description	Quantity
HP J9821A & or equivalent	HP 5406R zI2 Switch	1
J9829A#ABA & or equivalent	HP 5400R 1100W PoE+ zI2 Power Supply US	1
HP J9852A & or equivalent	HP HPE X450 4U/7U Univ 4-Post Rack Mount Kit	1
HP J9534A & or equivalent	HP HPE 24-Port Gig-T PoE+ v2 zI module	3
HP J9536A & or equivalent	HP HPE 20-Port Gig-T PoE+/2-port 10GbE SFP+ v2 zI Module	1
HP J9150A & or equivalent	HP HPE X132 10G SFP+ LC SR Transceiver	2
Aruba S3500-48P-US & or equivalent	Edge Switch – S3500-48P, 48x 10/100/1000 Base- T PoE 1x600W AC PS	2
Aruba SFP-10GE-SR & or equivalent	10GBase-SR SFP+; 850nm pluggable 10GbE optic; LC	2

PROJECT SPECIFICATIONS

Section 5: Firewall Equipment

The Goal: To provide qualified vendors with the necessary information and specifications to allow them to respond with a solution that they determine best meets those requirements.

The District is seeking a firewall solution.

The proposed solution price must include a complete bill of materials, applicable sales tax, applicable shipping, and installation/professional services.

The scope of the project will be as follows:

- All equipment and material should be new. Used, refurbished or repurposed equipment or material will not be acceptable.
- Replace existing firewall with one capable of supporting 10GB throughput and interface speeds, capable of link bonding.

MINIMUM TECHNICAL REQUIREMENTS

In addition to the requirements listed above, the equipment included in the proposals needs to at least meet the following minimum requirements:

- 20 Gbps firewall throughput
- 10 Gbps throughput with IPS/IDS functionality enabled
- 4,000,000 maximum sessions
- 900 security zones
- 225 virtual routers
- 4 Gbps IPSec VPN throughput
- Standard support

Section 6: Cabinet and Rack Installation

The Goal: To provide qualified vendors with the necessary information and specifications to allow them to respond with a solution that they determine best meets those requirements.

The District is seeking to purchase cabinets and racks for MDF and IDF locations and cover complete installation of all project components. For this project 2 IDFs have been identified in addition to the MDF. Each IDF should be housed in new installed wall mounted 24"x24"x30" deep cabinets. These cabinets shall be braced to the floor/wall utilizing properly sized anchors and bolts, and grounded to the telecommunications ground bus bar provided by the contractor in the IDF.

The MDF requires a new four post rack to replace the existing two post rack.

The proposed solution price must include a complete bill of materials, applicable sales tax, applicable shipping, and optional professional services.

The scope of the project will be as follows:

- The purpose of this project is to purchase cabinets and a rack system with warranty at each specified location.
- Standard Manufacturer Warranty

MINIMUM HARDWARE SPECIFICATIONS

The district is willing to accept bids from alternative manufacturers as long as they meet or exceed the current district standard. Please see the section "Trade Names and Alternatives" in this RFQ for further information.

DATA CENTER INSTALLATION LOCATION

MEADOWLARK SCHOOL, 3015 W. SACRAMENTO STREET, ACTON, CALIFORNIA, 93510

Equipment will be located at the school site; this address is the designated address for shipment of materials.

DISTRICT CONTACT: Ty Devoe, Director of Technology

EMAIL: tdevoe@aadusd.k12.ca.us

Please provide pricing in the following format by individual section and site.

QTY	UNIT	DESCRIPTION	MODEL	MANUFACTURER	UNIT COST	EXTENDED COST	E-RATE ELIGIBILITY %	TOTAL E-RATE ELIGIBLE COST	TOTAL E-RATE INELIGIBLE COST
Describe Standard Manufacturer Warranty Description and any associated costs:									
					SUB-TOTAL				
					SALES TAX				
					SHIP/ HANDLING				
					Installation/Configuration				
					Professional Services				
					TOTAL COST				

DELIVERY TIME: _____ PAYMENT TERMS: _____ DATE: _____ E-RATE SPIN #: _____

COMPANY NAME: _____ REPRESENTATIVE NAME: _____

ADDRESS: _____ PHONE NO.: _____

EMAIL: _____

