

2018-19 E-RATE YEAR

RFO: 2018/2019.01 Network Electronics

PROCUREMENT TIMELINE	
RFO ISSUED AND POSTED:	11-09-18
470#	190004133
REQUESTS FOR INFORMATION DEADLINE	11/30/2018
PROPOSALS DEADLINE:	3 PM JANUARY 4, 2019
EVALUATION OF RESPONSES	1/10/2019
PROJECT START DATE:	PENDING FUNDING APPROVAL

Banning Unified School District (referred to as the District) is seeking proposals for the upcoming round of E-Rate. The district prefers a state master contract vehicle like CMAS or NASPO but is willing to accept competitive pricing from other bidders. All Service Providers responding to the posted Form 470 must be listed on the valid corresponding contract(s) until September 2022

In addition to the requirements outlined in this RFP, service providers may be subject to additional requirements as outlined on the DGS website at <http://www.dgs.ca.gov/pd/Programs/Leveraged/CMAS.aspx>

It is the responsibility for service providers to familiarize themselves with the state master contract vehicle.

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.. Burden of proof <https://data.usac.org/publicreports/Forms/Form470Rfp/Index> as to equality of any material, process or article shall rest with service provider. 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 of bid response.

Please note: All “or equal” components must not void and must be supported by corresponding manufacturer warranty.

Prospective Service Providers will be required to submit three references, with the proposal describing experience with comparable projects in the K-12 customer market, the appropriate master contract number, their SPIN number and their FCC Registration Number (FRN). Failure to supply these documents may be considered grounds for disqualification.

E-rate Requirements are a part of this RFP. Service provider must provide

1. Valid SPIN
2. FCC Registration Number

The District requires certification by the awarded contractor, prior to project commencement, concerning criminal records check in accordance with California law. Participating contractors must have an active (SPIN) Service Provider Identification Number with the SLD.

All requests for information (RFI) should be made in writing via e-mail to mac.patel@banning.k12.ca.us by the date specified on Page 1. All questions and answers will be posted on the District Website (www.banning.k12.ca.us) under the E-Rate section. All proposals need to include tax and shipping as separate items in the response.

Proposals **MUST** be submitted in writing to

Mac Patel
161 W. Williams St
Banning, CA 92220

In addition, please send a copies of the proposal via email to: mac.patel@banning.k12.ca.us

Written proposals or Email proposals are due by the date and time specified on Page 1

Late proposals will not be accepted.

Proposal Evaluation

It is anticipated that a contract will be made with the provider whose proposal is determined to be in the overall best interest of the District.

Evaluation Criteria

Percentage	Criteria
40%	Eligible Cost
20%	Functionality of proposed equipment
20%	References
10%	E-rate Experience
10%	District Experience

SCOPE OF WORK

The District has standardized on Aruba Networks Wireless product, however, an alternative of functional equivalency will be acceptable. If proposing equivalent product please submit data verifying equivalency with proposal. In addition, proposed equivalent product must work with the District's existing Wireless Management Controllers.

The District is seeking to purchase additional Wireless Access Points for few sites only. Quantity and sites will be listed on the equipment list. All the access points will be installed by the District Technology Department and must include both 9/16-inch or 15/16-inch mounting clips for a flat T-bar drop-tile ceiling.

No refurbished equipment is acceptable

The quotes provided must include the access point and ceiling mounting clips to complete the installation.

The Access Point must have the following capabilities and items:

- 802.11ac – 5 GHz 4x4 MIMO (1,733 Mbps max rate) and 2.4 GHz 4x4 MIMO (600 Mbps max rate) radios, with a total of twelve integrated omni-directional down tilt antennas
- Each 5 GHz radio chain has a switch and two antennas
- Software controlled; Horizontally and vertically polarized
- Supports software upgrade to enable additional 5 GHz spectrum when governments expand available frequencies
- Adaptive Radio Management (ARM) technology automatically assigns channel and power settings, provides airtime fairness and ensures that APs stay clear of all sources of RF interference to deliver reliable, high-performance WLANs
- Four integrated 2.4 GHz down tilt omni-directional antennas for 4x4 MIMO with maximum antenna gain of 3.8 dBi per antenna.
- Each 5 GHz radio chain has both a vertically and a horizontally polarized antenna element; AP software automatically and dynamically selects the best set of elements for each data packet transmitted or received.
- Four integrated vertically polarized 5 GHz down tilt omni-directional antennas for 4x4 MIMO with maximum antenna gain of 4.9 dBi per antenna.

- Four integrated horizontally polarized 5 GHz down tilt omni-directional antennas for 4x4 MIMO with maximum antenna gain of 5.7 dBi per antenna.
- Built-in antennas optimized for horizontal ceiling mounted orientation of the AP. The down tilt angle for maximum gain is roughly 30 degrees.
- The maximum gain of the combined (summed) antenna patterns for all elements operating in the same band is 1.6 dBi in 2.4 GHz and 2.5 dBi in 5 GHz.
- Auto-sensing link speed (100/1000/2500/5000BASE-T) and MDI/MDX
- 802.3az Energy Efficient Ethernet (EEE) - PoE-PD: 48 Vdc (nominal) 802.3at PoE

Service Provider must meet the following qualifications to be considered for award. Documentation regarding the following qualifications **MUST** be included in the Service Provider's proposal. Non-inclusion of applicable documents is basis for disqualification.

- Service Provider shall provide with its quote the complete master state contract pages, including all pages that show the goods and/or services in Service Provider's quotation submittal. Said products shall be clearly highlighted for ease of identification.

Service Provider must include any related licenses and support on separate line items and clearly identify both eligible and ineligible costs.

Right to Reject Any and All Quotes

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

Please submit quotations by school, as well as a summary page, and include the following:

Location	Quantity	Unit Price	Extended Price	Sales Tax	Shipping	Total Cost	E-rate Eligible
							Y or N If no, provide % of eligible product
Banning High School	8						
Banning Independent School	12						
Florida Street Discovery Center	2						
Hoffer Elementary School	28						

Shipping and sales tax are to be included in the quotation.

Equipment List (or Equivalent)

Description	Part#
Aruba Instant IAP-335	JW825A