

Request for Quote – E-Rate Eligible Services

Scope of Work - Wireless LAN and Cabling for Access Points

Due Date: Allowable Contract Date from Posted 470

The Gila Bend Unified School District is requesting quotes for a Wireless Local Area Network, Network Infrastructure Equipment and cabling for wireless access points, as identified in the specifications below. The contract start date is anticipated to be April 1, 2015 or upon notification of approval of E-Rate funding for this project; at the District's discretion. In any case, no work will begin prior to April 1, 2015.

The District is seeking services and pricing through an approved State Master Contract or other Cooperative Purchasing Contract that is acceptable according to the Arizona State Procurement Rules. Please be advised that this is a Request for Quote and not a formal sealed RFP/Bid process. Arizona State Procurement Code requires a formal sealed bidding process; or purchasing from an approved cooperative purchasing contract, or compliant consortium procured contract for any award in excess of \$100,000.00. **Any quote/proposal whose total value exceeds \$100,000.00 and is not linked to a current approved cooperative purchasing contract, or a compliant consortium procured contract will be disqualified by Arizona State Procurement Code.**

If you need further information please contact Bret Biermann via email at erate@gbusd.org.

General Specifications:

1. The pricing quoted must be compliant with the prospective vendor's State Master Contract or Cooperative Purchasing Contract pricing structure.
2. A copy of any and all contracts that the district will be expected to sign must accompany the quote provided. All original contracts offered should not expire prior to September 30, 2016, and should include specifications that allow for extensions at the discretion of the applicant; not to exceed a total of 60 months.
3. All quotes must clearly identify the prospective vendor's Cooperative Purchasing Contract number, if applicable, and E-Rate SPIN.
4. Please quote the cost for all material, supplies, racks, raceways, brackets, cable trays, J-hooks, conduit, trenching, and labor; including any costs for campus assessment, project management, documentation, contingency, travel, taxes, etc. All items on the Required Equipment List must be quoted; no partial quotes will be accepted.
5. The products quoted must be eligible for E-Rate under the Internal Connections provision compliant with the Schools and Libraries Division Eligible Services List for the current funding year. The costs for services not eligible for E-Rate must be clearly itemized separate from eligible services.

6. Any pricing proposed must comply with the FCC Lowest Corresponding Price Rule as required by the Universal Service First Report and Order, and restated in the FCC E-Rate Modernization Report and Order, adopted July 11, 2014. The FCC Lowest Corresponding Price rule prohibits an E-rate services offeror from offering or charging E-rate applicants a price higher than the lowest price that the offeror charges to non-residential customers who are similarly situated to a particular school, library, rural health care provider or consortium that purchase directly from the offeror.
7. The District will evaluate all compliant quotes received, and reserves the right to select the quote that is the most cost effective, compliant with FCC Fair and Competitive Bidding Rules.

Failure to comply with these general specifications may be grounds for disqualification and award may be made to the next most cost effective provider.

Vendor Qualifications:

1. Please include a statement with your quote indicating the level of partnership your organization has with the original equipment manufacturer being proposed.
2. Provide three references including the name of organization, address, contact person, and phone number for which a comparable installation was successfully completed.

Evaluation Criteria:

Evaluation of the quotes provided will be based on the following criteria in order of priority:

1. **Cost of ELIGIBLE Services** – Primary evaluation factor.
2. **Cost of INELIGIBLE Services**
3. **Equivalence of Technical Design/Meets Scope of Work** – Conformance with general and technical specifications.
4. **Vendor Qualifications/Level of Partnership with OEM** – Vendor’s experience, level of partnership with the original equipment manufacturer, and strength of references.

Equipment Specifications:

1. It is anticipated, considering the size of each campus that up to 30 access points will be required. The successful vendor will provide a complete survey and assessment of the campus to determine an accurate number of AP’s and placement to provide adequate coverage and bandwidth. Additionally, the successful vendor will provide as-built documentation, including a Heat Map, at the conclusion of the installation.
2. The preferred equipment brands are Ubiquiti, Ruckus and Meraki. However, equivalent brands can be quoted and will be considered. Because cost will be the primary selection factor, brand name will be secondary to value. Any brands and models specified in the Required Equipment List below is included in order to establish the level of quality and/or feature set being sought. A wireless network that doesn’t use a WLAN controller

will be considered if the product provides a central point of management for the AP's. Please include a statement with your quote indicating the level of partnership your organization has with the original equipment manufacturer being proposed.

3. All equipment installed will be labeled by the successful vendor using durable labels. Labels will identify E-Rate year and E-Rate Funding Request Number.
4. The quote must include all Category 6 patch cables and fiber optic jumper cables. The patch cables should be a variety of 3 foot to 10-foot cables customized to the lengths needed in the rack space. Jumper cables should be a variety of 1 meter to 3 meters customized to the requirements of the rack space with connectors compatible with the equipment quoted.
5. The minimum acceptable warranty period is 3 years. Please specify the warranty period for all equipment quoted. If there is a cost to extend the warranty to meet the minimum requirement, please include this cost in the quote under ineligible for E-Rate support.

Low Voltage Cabling Specifications:

The prospective vendor will provide the cost for 30 data drops including a new cable drop for each new wireless access point to be installed. Refer to the Table below for the number of drops per location. The average length of each data drop is 200 feet. Each data drop will meet the following specifications:

1. The successful vendor will conduct a complete assessment of the campus prior to commencement of the structured cabling project. The purpose of the assessment is to determine with the District the exact number and location of all data drops. Any cost for this assessment must be identified in the quote.
2. The required low voltage cabling specification is Category 6. The District requires that data cable runs have a yellow jacket. All cable jackets must be Plenum rated.
3. The preferred product for jacks and faceplate termination and patch panels is C2G. However, equivalent products can be quoted and will be considered. If you are quoting a product other than C2G, specify any differences in features and quality from C2G.
4. All data drops will be home runs from the faceplate to a Category 6 patch panel in the nearest IDF.
5. The successful vendor will provide Category 6 patch cables for all patch panel/switch ports. A variety of 3 foot to 10-foot patch cables will be provided customized to the lengths needed in each rack space.
6. A cable management system will be required for all MDF/IDF racks.
7. All data drops will be clearly and professionally labeled with matching labels at the faceplate and at the patch panel. Handwritten labels are not acceptable.
8. All data drops will be tested and certified. The successful vendor will provide a complete testing report for all data drops.

Required Equipment List:

Network Infrastructure Equipment

Location	Description*	Quantity
GBUSD	802.11 g/n Access Point	30
	Core rack Switches	
	12 port SFP (Cisco WS-C3850-12S-S)	2
	48 port 100/1000 (Cisco WS-C3850-48T-S)	2
	48-Port 10/100/1000 POE Switch	4
	24-Port 10/100/1000 POE Switch	13
	Firewall (ASA 5520)	1
	2200 VA UPS	1
	1500 VA UPS	12
	SFP Modules (1000Base-LX)	24

*Other brands will be considered if they provide the same functionality.

Required Minimum Number of Cable Runs

Location	Number of MDF/IDF	Number of Copper Drops	Number of Indoor Fiber Runs	Number of Outdoor Fiber Runs
GBUSD	10	30	0	0