

## **Request for Quote – E-Rate Eligible Services**

### **Scope of Work - Network Infrastructure Equipment**

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#### **Due Date: Allowable Contract Date from Posted 470**

The Deer Valley Unified District is requesting quotes for the replacement of network equipment and wireless LAN equipment for multiple school sites. Quotes are being requested and award will be made based on the requirements specified below for a typical High School configuration and a typical K-8 campus configuration. The District will determine the number of sites to be included that is most advantageous. A list of all required equipment and quantities needed per site is specified 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 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 Brian Boone at 602-467-5140 or via email at [erate@dvusd.org](mailto:erate@dvusd.org).

#### **General Specifications:**

1. The pricing quoted must be compliant with the prospective vendor's State Master Contract or Cooperative Purchasing Contract pricing structure. A copy of any and all contracts that the district will be expected to sign must accompany the quote provided.
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 equipment, supplies, and labor, including any costs for campus assessment, project management, documentation, 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. The District reserves the right to make multiple contract awards.

**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. Include a statement indicating the number of years previous experience with the Network Infrastructure Equipment brand proposed.
2. Please include a statement with your quote indicating the level of partnership your organization has with the original equipment manufacturer being proposed.
3. Provide three references including the name of organization, address, contact person, and phone number for which a comparable Network Infrastructure installation was successfully completed.

### **Evaluation Criteria:**

Evaluation of the quotes provided will be based on but not limited to 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. The preferred equipment brand is Cisco. However, equivalent brands can be quoted and will be considered. 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. Please include a statement with your quote indicating the level of partnership your organization has with the original equipment manufacturer being proposed.
  2. Typical School configuration: Main Switch and Router must be Layer 3 and EIGRP Capable Router must be capable of Traffic Shaping and QOS.
  1. 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. 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.
  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 District reserves the right to select the warranty period that is in the best interests of the District. Please specify the warranty period for all equipment quoted. If there is a cost for extended warranty, please include this cost in the quote under ineligible for E-Rate support.
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## Required Equipment List – Typical High School Campus

Location	Make/Model - Description*	Quantity
<b>MDF 100 ADMIN</b>	WS-C4507R+E 7 SLT CHASIS WITH FAN	1
	PWR-C45-4200ACV= Cisco 4200w power supply with (four-CAB-7513AC= 8' Power Cable with NEMA 5-20 Plugs)	2
	WS-X45-SUP8-E	1
	WS-X4624-SFP-E	1
	GLC-SX-MM= GE SFP, LC connector SX transceiver	12
	WS-X4606-X2-E	1
	X2-10GB-LRM 10GBASE-LRM X2 Module	5
	WS-X4648-RJ45V+E	3
	AIR-CT5508-100-K9 Controller	1
	AIR-CAP3702I-x-K9 Access Points	112
	GLC-T= 1000base t SFP	8
	additional AP License for a total of 125 License appliance	1/25 count
	ME-3600X-24FS-M ME3600X Ethernet Access Switch 24 GE SFP + 2 10GE SFP+	1
	GLC-T= 1000base t SFP	3
	10 Gig License	1
<b>IDF 200</b>	48 port WS-C3650-48PD switches	2
<b>(1-10 GB feed)</b>	StackWise-160 Kits with Stack Adapters and 3m stacking Cables	2
	SFP-10G-LRM= 10GBASE-LRM SFP Module	1
<b>IDF 300</b>	24 port WS-C3650-24PD switch	1
<b>(2- 1 GB feeds)</b>	GLC-SX-MM= GE SFP, LC connector SX transceiver	2
<b>IDF 400</b>	48 port WS-C3650-48PD switches Stacked (one 15' stack cable)	8
<b>(2-10 GB feeds)</b>	StackWise-160 Kits with Stack Adapters and 3m stacking Cables	8
	SFP-10G-LRM= 10GBASE-LRM SFP Module	2
<b>IDF 500</b>	48 port WS-C3650-48PD switches	2
<b>(1-10 GB feed)</b>	StackWise-160 Kits with Stack Adapters and 3m stacking Cables	2
	SFP-10G-LRM= 10GBASE-LRM SFP Module	1
<b>IDF 600</b>	48 port WS-C3650-48PD switches	2
<b>(2- 1 GB feeds)</b>	StackWise-160 Kits with Stack Adapters and 3m stacking Cables	2
	GLC-SX-MM= GE SFP, LC connector SX transceiver	2

<b>IDF 700</b>	48 port WS-C3650-48PD switch	1
<b>(2- 1 GB feeds)</b>	GLC-SX-MM= GE SFP, LC connector SX transceiver	2
<b>IDF 800 Gym</b>	24 port WS-C3650-24PD switch	1
<b>(2- 1 GB feeds)</b>	GLC-SX-MM= GE SFP, LC connector SX transceiver	2
<b>IDF 900 AUG GYM</b>	24 port WS-C3650-24PD switch	1
<b>(2- 1 GB feeds)</b>	GLC-SX-MM= GE SFP, LC connector SX transceiver	2
<b>IDF 1000 Perf Arts</b>	24 port WS-C3650-24PD switch	1
<b>(2- 1 GB feeds)</b>	GLC-SX-MM= GE SFP, LC connector SX transceiver	2

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

### Required Equipment List – Typical K-8 Campus

Location	Make/Model - Description*	Quantity
<b>MDF 100 ADMIN</b>	WS-C4507R+E 7 SLT CHASIS WITH FAN	1
	PWR-C45-4200ACV= Cisco 4200w power supply with (four-CAB-7513AC= 8' Power Cable with NEMA 5-20 Plugs)	2
	WS-X45-SUP8-E	1
	WS-X4624-SFP-E	1
	GLC-SX-MM= GE SFP, LC connector SX transceiver	4
	WS-X4606-X2-E	1
	X2-10GB-LRM 10GBASE-LRM X2 Module	3
	WS-X4648-RJ45V+E	3
	AIR-CT5508-100-K9 Controller 100 AP License	1
	AIR-CAP3702I-x-K9 Access Points	32
	GLC-T= 1000base t SFP	8
	ME-3600X-24FS-M ME3600X Ethernet Access Switch 24 GE SFP + 2 10GE SFP+	1
	GLC-T= 1000base t SFP	3
	10 Gig License	1
<b>IDF 200</b>	48 port WS-C3650-48PD switches	2
<b>(1-10 GB feed)</b>	StackWise-160 Kits with Stack Adapters and 3m stacking Cables	2
	SFP-10G-LRM= 10GBASE-LRM SFP Module	1
<b>IDF 300</b>	48 port WS-C3650-48PD switches	2
<b>(1-10 GB feed)</b>	StackWise-160 Kits with Stack Adapters and 3m stacking Cables	2
	SFP-10G-LRM= 10GBASE-LRM SFP Module	1

<b>IDF 400</b>	48 port WS-C3650-48PD switches	2
<b>(1-10 GB feed)</b>	StackWise-160 Kits with Stack Adapters and 3m stacking Cables	2
	SFP-10G-LRM= 10GBASE-LRM SFP Module	1
<b>IDF 500</b>	48 port WS-C3650-48PD switch	1
<b>(2- 1 GB feeds)</b>	GLC-SX-MM= GE SFP, LC connector SX transceiver	2
<b>IDF 600 Cafe</b>	24 port WS-C3650-24PD switch	1
<b>(2- 1 GB feeds)</b>	GLC-SX-MM= GE SFP, LC connector SX transceiver	2

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