

SILVER VALLEY UNIFIED SCHOOL DISTRICT E-RATE YEAR 14 (2011/2012) REQUEST FOR PROPSAL DISTRICT WIRELESS WAN BACKBONE

Service Provider Criteria and Contract Requirements:

- The requirements outlined in this document will apply to all contracts entered into as a result of the posting of (2011-2012) E-rate Form 470/471.
- Bids can be submitted within the 28-day posting period, but are not required until the 29th day or after the job walk (if required), whichever is later.
- All service providers responding to the posted Form 470 are to be listed California Multiple Awards Schedule (CMAS) providers unless expressly noted otherwise in the quote or district's scope of description.
- Service Provider shall provide with its quote the complete CMAS 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
- All State of California contracting license requirements for public schools apply. Any contractor providing work under these contracts shall have the appropriate license for the scope of work they are to perform. Low voltage cabling work requires a C-7 license.

These projects and services depend on partial funding from the E-rate program.

- Applicant expects each Service Provider to make themselves thoroughly familiar with any rules or regulations regarding the E-rate program.
- All contracts entered into as a result of the posting of this Form 470 will be contingent upon the specific funding of the FRN at the E-rate discount percentage rate on the Form 471.
- The maximum percentage the Applicant will be liable for is the pre-discount amount minus the funded amount as shown on the form 471 Block 5. The Service Provider will be responsible for invoicing the Schools and Libraries Division for the funded amount.
- NO billing or work can take place before July 1, 2011.
- The contractor is responsible for providing a valid SPIN (Service Provider Identification Number).

The contractor is responsible for providing an FCC Registration Number (FRN) and proof of Green Light Status from the FCC. Any potential bidder found to be in Red-Light Status will be disqualified from participation in the bidding process and will be considered nonresponsive.

- All work is subject to the 100% approval of the project or purchase by the FCC under the E-rate discount program of the Telecommunications Act of 1996.
- No change orders will be allowed for the work resulting from this posting.
- Additional terms and conditions are delineated in the specifications referenced in the 470's.
- The Service Provider will be required to send copies of all forms and invoices submitted to SLD prior to invoicing the SLD to the District for our records.

The Applicant reserves the right to deny any or all proposals associated with a particular form 470, even with SLD funding approval. The district reserves the right to accept the pricing proposal solely dependent upon SLD approval.

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

Service Providers must meet the following qualifications in order to be considered:

1. If providing electronic equipment quotes for switches/hubs/routers Service Providers must have all current manufacturers' certifications.
2. No sub-contractors can be used in order to meet the CMAS contract requirements. If requested, the service provider must be willing to have employees fingerprinted.
3. All product pricing provided for 471 purposes must be functional and equivalent or better once the Applicant has received SLD approval for purchase. The Service Provider/supplier must receive approval from the SLD for this substitution.
4. Service Provider must provide with quotes the CMAS contract pages that show the goods and/or services they are quoting.

Right to Reject Any and All Quotes:

We reserve the right to reject any or all proposals and to waive any informalities or regularities. The Service Provider's submission of a proposal 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.

Evaluation Criteria:

Price will be the most heavily weighted factor in selecting the awarded vendor. Other evaluation criteria may include, but are not limited to:

- References
- Past experience of project of similar scope
- Understanding of needs of the applicant
- Past successful E-Rate experience
- Completeness of response

Applicant will score all responses submitted within the guidelines noted above, using a rubric scoring system.

Please quote a one-year contract, with the option for annual extensions up to four years.

All proposals must be submitted in writing on or before March 4, 2011, 10:00AM to the following address:

Robert Saffel- Coordinator of Technology Services
Silver Valley Unified School District
Educational Services
35320 Daggett-Yermo Rd. *[no USPS to this address use, PO Box]*
Yermo, CA 92398
or
P.O. Box 847
Yermo, CA 92398

FAX: 760-254-1393

Questions regarding this RFP may be submitted to erate@silvervalley.k12.ca.us. The district will not respond to any questions not submitted in writing, nor will return vendor phone calls.

SILVER VALLEY UNIFIED SCHOOL DISTRICT

**TECHNICAL SPECIFICATIONS FOR HIGH SPEED
DATA INFRASTRUCTURE PROJECT**

WIDE AREA NETWORK, WIRELESS

SILVER VALLEY UNIFIED SCHOOL DISTRICT REQUEST FOR PROPOSAL 2011-01-WAN

The Silver Valley Unified School District will accept PROPOSALS for TECHNICAL SPECIFICATIONS FOR WIRELESS WAN PROJECT.

The PROPOSALS must be received prior to 10:00 A.M. March 4, 2011, in a sealed envelope labeled with the title and number and addressed:

Robert Saffel- Coordinator of Technology Services
Silver Valley Unified School District
Educational Services
35320 Daggett-Yermo Rd. *[no USPS to this address use PO Box]*
Yermo, CA 92398
or
P.O. Box 847
Yermo, CA 92398

FAX: 760-254-1393

Proposals received after the above stated time will be returned to bidder unopened. Successful bidder will be notified by "the district".

Proposals must be signed. A copy of the request for proposal is available at www.silvervalley.k12.ca.us. Please see eRate 470 Posting Link.

The Board of Trustees of the Silver Valley Unified School District reserves the right to accept or reject any and all proposals, to waive any irregularities in the proposals, to be sole judge as to the merit, quality and acceptability of materials proposed and their compliance to the specifications, if it be in the best interest of the District.

Dated February 2, 2011

Board of Trustees
Silver Valley Unified School District

Publish

INTRODUCTION

The Silver Valley Unified School District from now on referred to as "The District", desires to lease a high-speed state of the art aerial wireless WAN network system among its various sites. This connectivity will be designed to accommodate both the present and future digital application needs. The intent is to achieve an industry standard based infrastructure, which will enhance educational and administrative activities at all sites with the flexibility and support of future needs and activities. The lack of a fiber infrastructure in the area and between the school sites, necessitates a full wireless/ aerial solution.

"The District" is soliciting qualified telecommunications service providers to submit an installation and ongoing service bid for (including, but not limited to) equipment racks, digital equipment, data cabling, and associated termination equipment as required. All equipment included in this request will be owned and maintained by the awarded service provider with no option for transfer of ownership to the lessee.

This project is entirely contingent upon available funding from the federal E-Rate program (Schools and Libraries Division) and the California Teleconnect Fund (CTF). The Silver Valley Unified School District may or may not undertake the project at its sole discretion. In addition, "The District" will require that the awarded service provider ensure that all eligible components of service are filed with the California Public Utilities Commission (CPUC) and are eligible for the California Teleconnect Fund (CTF) discount.

This project encompasses the following:

1. The installation of secure and dedicated wireless based WAN connectivity among the "The District" Office, which is the aggregate center of the wide area network (1) and (6) remote locations.
2. The installation of secure and dedicated connectivity between the "The District" Office which is the aggregate center of the wide area network (1) and the district's Internet Service Provider, the San Bernardino County Superintendent of Schools (SBCSS) (1).
3. All sites (6) shall have a minimum data connection to the network of a minimum of 50 Mbps to 100 Mbps, full duplex capability. The district prefers to have speeds at 100Mbps. Please breakout various speed costs.
4. The connection between "The District" Office and the SBCSS shall have a minimum data connection of 50 Mbps to 100 Mbps, with full duplex capability.
5. The service provider is responsible to obtain all necessary right of ways necessary to this project.
6. During the term of this contract, any changes in the routing of the fiber cable due to city infrastructure changes and/or requirements (street widening, new underground cabling requirements, etc.) will be the responsibility of the service provider at no expense to "The District."
7. The vendor will guarantee a 4-hour response time on all network outages.

8. The minimum of a five (5) year contract shall be provided with all installation charges clearly identified. Future contracts and/or renewals will be at the discretion of the "The District".
9. Although this is a five (5) year contract, include the monthly costs beginning in year six (6).

AWARD CRITERIA may include but is not limited to:

1. Price will be the most heavily weighted factor
2. Experience with similar project
3. Past Experience with the District
4. References
5. Completeness of Response

SCOPE OF PROJECT

Please provide the installation and monthly (ongoing) cost bids for this 5 year project as follows:

1. **WIDE AREA NETWORK:** An aerial (licensed) based 50 Mbps (minimum) to 100 Mbps full duplex connectivity from the network to the following sites:
 - a. Newberry Springs Elementary School (Feed to Fort via American Tower)
 - b. Yermo School
 - c. Alternative Education Center
 - d. Fort Irwin Middle School (Located on Fort Irwin Army Base, feed for other Fort sites)
 - e. Tiefert View School (Located on Fort Irwin Army Base)
 - f. Lewis Elementary School (Located on Fort Irwin Army Base)
 - g. Silver Valley High School (Not included in this RFP)
 - h. District Office Facilities (NOC)
2. **DIGITAL TRANSMISSION TO ISP:** Connectivity of 100 Mbps to 1 Gigabit (1000 Mbps) from Silver Valley Unified School District Office (aggregate point of the network) located at 35320 Dagget-Yermo Road, Yermo, CA 92398 to its ISP service node located on premise.
3. The main District Office facilities are to serve as the aggregate point for the network. The service may be delivered to the aggregate point at the design of the service provider as long as the minimum specified bandwidth is delivered.
4. Please include the installation (one time) costs and monthly (ongoing) costs for all sites. Installation costs may be amortized into the monthly recurring charges.
5. The Minimum Point of Entry (MPOE) and Demarcation point at each site and in the Data Center at "The District" District Office shall be determined by Silver Valley Unified School District technical staff. All cost proposals must include pricing to install services to the MPOE and Demarcation point. All sites shall terminate on an RJ-45 standard Ethernet jack or Gigabit handoff.
6. Any network outage resolution shall be coordinated with "The District" technical staff.

7. An uptime guarantee of 99.95% or better shall be provided on a 24x7 basis average over a seven-day period.
8. The circuits shall be capable of carrying multiple data services such as computer networks, voice over IP, digital video, etc.
9. All equipment necessary to provide this connectivity shall be provided with no option of transfer of ownership to "The District".
10. All vendor equipment installed shall be under repair maintenance at no cost to "The District" for the life of the contract agreement.
11. Services cannot commence before July 1, 2011 and will begin upon receipt of the Funding Commitment decision letter from the Schools and Libraries Division.
12. The vendor shall provide three (3) references consisting of similar work and scope.
13. The bid closing date/time will be March 4th, 2011 at 10:00AM.

Additional Notes:

Silver Valley USD is host to 7 school sites and the district office facilities. A fiber network joins the High School and the district office. The High School does not require a wireless WAN solution for Internet/network connectivity. The district office is connected to a 100Mbs fiber network for connectivity to the Internet. This is supplied by the K12 High Speed Network and is not part of this RFP,

Silver Valley USD currently has an operational Wireless WAN connecting school sites for internet and SVUSD network access, which was part of an earlier eRate project that is due to expire June 30, 2011. This project will seek potential vendors to provide Silver Valley USD with a complete wireless LAN system to connect all sites and district office for Internet and network connectivity.

Silver Valley Unified School District Sites:

A complete wireless WAN solution would include, but not limited to the following:

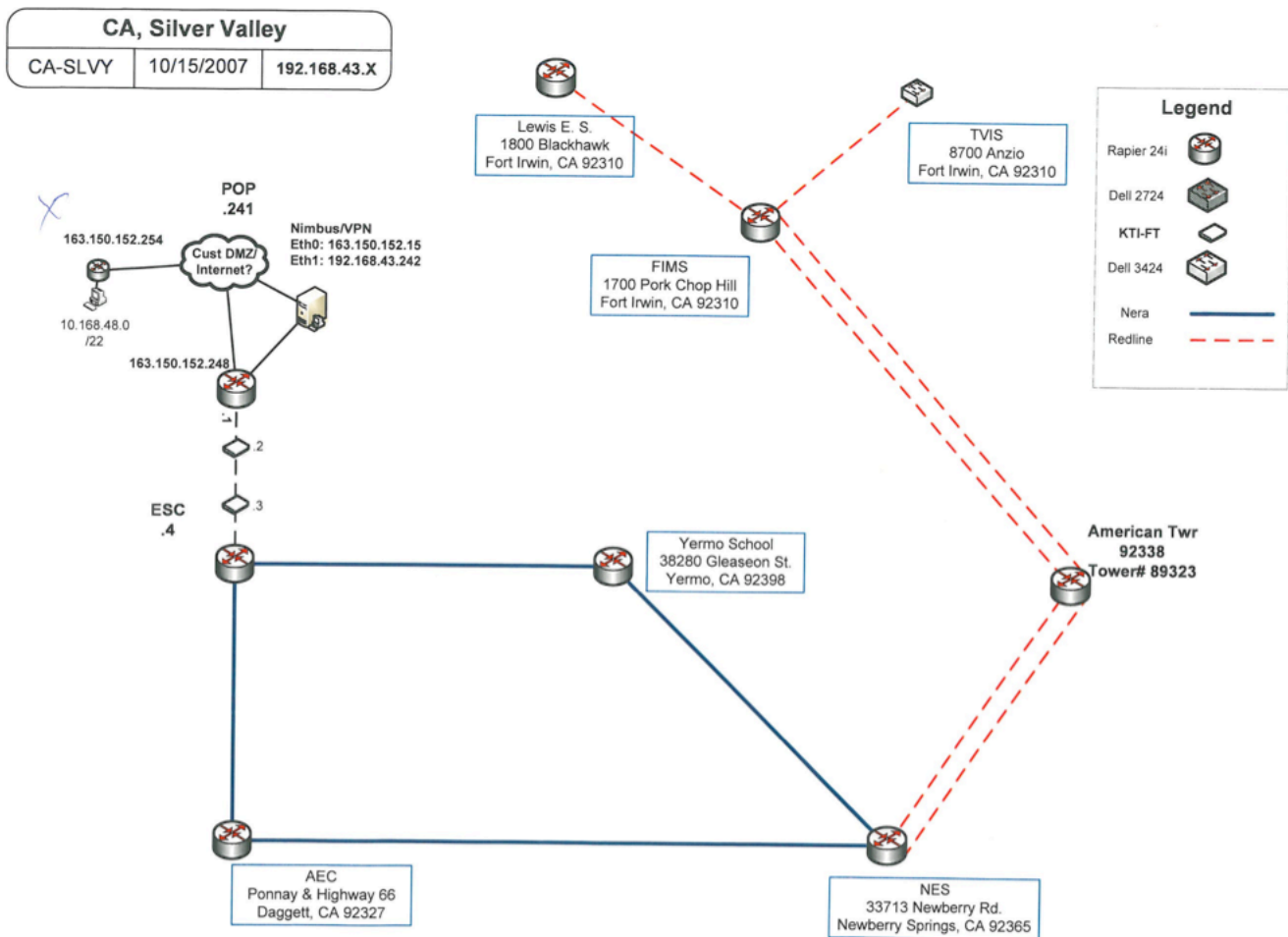
- All cabling, low and high voltage.
- Provide all accommodations for electrical power, where needed. Including but not limited to pathways, cabling, conduit, etc.
- Provide towers of adequate height and placement for unobstructed line of site.
- Vendor is responsible for any or all BLM, DSA, geological, geographical, local and state licensing and insurances for placement of any hardware or equipment.
- Equipment should be new. No refurbished or used equipment will be accepted.
- A minimum of 50Mbs, connectivity will be required for all sites, 100Mbs is preferred. Cost breakout for speed offerings is needed.
- A minimum of 30 minutes of UPS Back up power shall be provided at each tower and IDF location.
- Licensed frequencies are preferred.
- Fail over shall be built in order to keep all sites connected in the even of a failure at one site (excluding DO).

DISTRICT LOCATIONS – WIDE AREA NETWORK

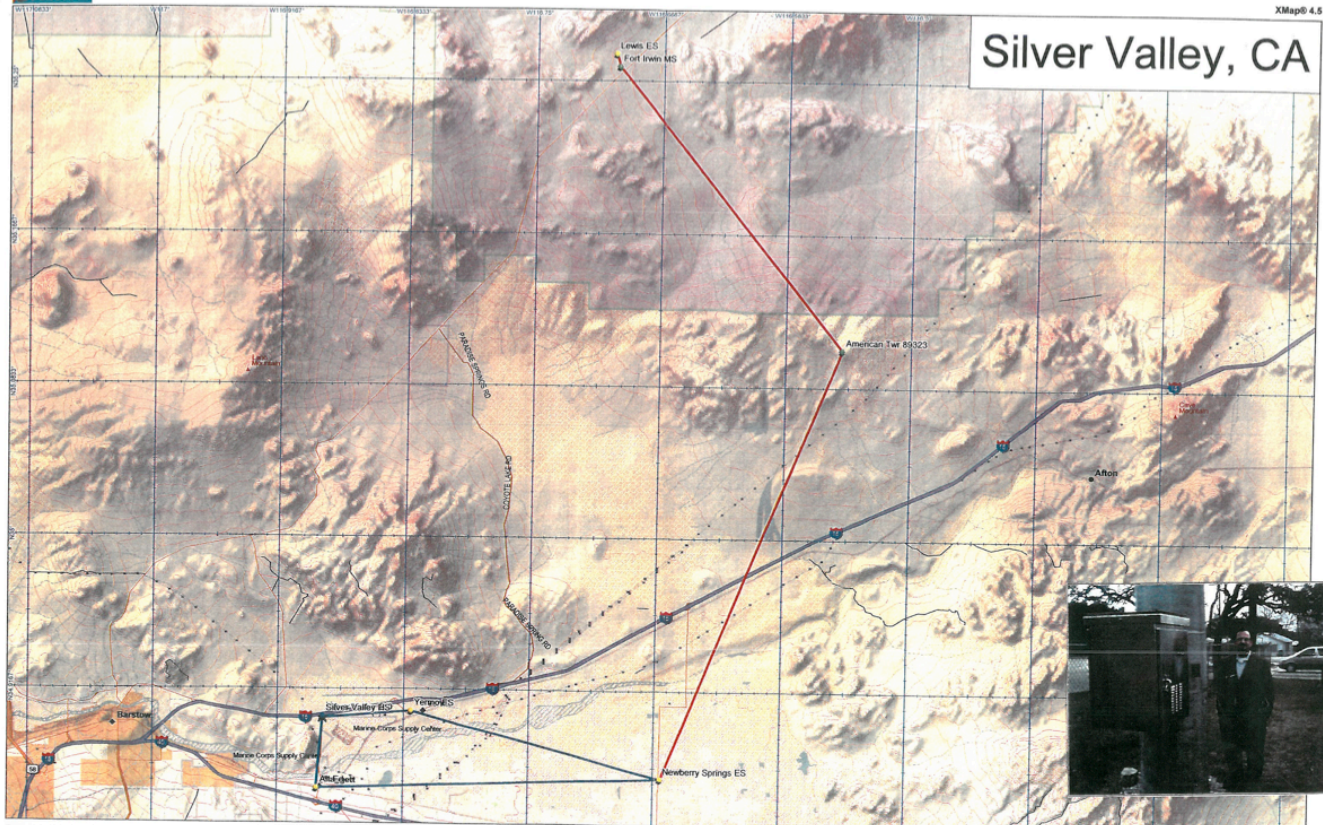
- a. **Alternative Education Center**, 33525 Ponnay, Daggett, CA 92327 Yermo, CA 92398
- b. **Newberry Springs Elementary School**, 33713 Newberry Rd., Newberry Springs, CA 92365
- c. **Yermo School**, 38280 Gleason St., Yermo, CA 92398
- d. **Fort Irwin Middle School**, 1700 Pork Chop Hill, Fort Irwin, CA 92310
- e. **Tiefert View School**, 8700 Anzio, Fort Irwin, CA 92310
- f. **Lewis Elementary School**, 1800 Blackhawk Dr, Ft. Irwin, CA 92310
- g. **District Office Facilities (NOC)**, 35320 Daggett-Yermo Road, Yermo, CA 92398

Wireless WAN Layout:

See Attached File, SVUSD Wireless WAN Layout.pdf



Silver Valley, CA



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www.delorme.com



Scale 1 : 200,000
1" = 3.16 mi Data Zoom 10-0