



SILVER VALLEY UNIFIED SCHOOL DISTRICT

Request for Proposal, eRate Year 15 (2012-2013) Wireless (Microwave) WAN Backhaul System, District-Wide

[Proposal: 2012-01-WAN]

Service Provider Notices, Criteria And Contract Requirements

- The requirements outlined in this document will apply to all contracts entered into as a result of the posting of (2012-2013) Year 15 E-Rate Form 470/471.
- Bids can be submitted within the 28-day posting period, but are not required until the 29th day. There will not be a job walk.
- All questions regarding this RFP must be submitted in writing by 12:00PM Friday, February 03, 2012. Answers or addendums will be posted on the Silver Valley USD website. Questions can be emailed to erate@svusdk12.net or faxed to 760-254-1393, attention to Robert Saffel, District Coordinator of Technology Services. Vendor phone calls will not be returned.
- All bids are physically due, in writing, on or before **Wednesday, February 22nd, 2012, no later than 4:00PM** at the **Silver Valley USD District Office, Main Office, located at 35320 Daggett-Yermo Road or POB 847, Yermo, CA 92398.**
- Clearly label your response to the address above and to the Attention of: Robert Saffel, District Coordinator of Technology Services. E-Rate YR15, RFP for Wireless (Microwave) WAN Backhaul System, District-Wide. [2012-01-WAN]

Please note: USPS only delivers to POB. Yermo, CA is a rural area and you are responsible for a timely delivery. Check all delivery times and guarantees with the carrier of your choice. Bids received after the deadline will be rejected and returned to the bidder, unopened.

- There will not be a public bid opening. The winning bidder will be notified and all results will be posted on our district website; www.silvervalley.k12.ca.us/District/Department/200-Educational-Technology-Services under the eRate menu link.
- All bids will be evaluated using a Bid Evaluation Matrix. (See Figure 1, Page 2).
- All service providers must have a Service Provider Identification Number (SPIN) listed with USAC.
- 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. All Electrical work requires a C-10 license. All contractors must be licensed to work in California and be in good standing.
- 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, 2012.
- **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, addendum or questions.
- 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.



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Service Provider Notices, Criteria And Contract Requirements (cont'd)

- ***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 (if applicable), their SPIN number and their FCC Registration Number (FRN). Failure to supply these documents will be considered grounds for disqualification.
- If providing electronic equipment quotes for switches/hubs/routers Service Providers must have all current manufacturers' certifications or proof of training.
- No sub-contractors can be used in order to meet CMAS, FCC or SPIN contract requirements. If requested, the service provider must be willing to have employees fingerprinted.
- Service providers must provide proof of insurance and bond.
- Service providers must provide proof of Drug Free workplace policy.
- Service provider must include Performance and Payment bond at 2.5%.

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:

Figure 1- Bid Evaluation Matrix

No.	Factor	Weight*
1	Cost of eligible goods and services (Price)	25%
2	Experience with district	20%
3	Ability to deliver service at start of funding year	20%
4	Ability to deliver service throughout district geographic region	15%
5	Understanding of Needs	10%
6	Vendor quote meets district's specifications	10%

Overall Ranking

100%

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



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SILVER VALLEY USD

TECHNICAL SPECIFICATIONS FOR WIRELESS (MICROWAVE) WAN BACKHAUL SYSTEM, DISTRICT-WIDE

WIDE AREA NETWORK, WIRELESS



SILVER VALLEY UNIFIED SCHOOL DISTRICT

Request for Proposal, eRate Year 15 (2012-2013) Wireless (Microwave) WAN Backhaul System, District-Wide

[Proposal: 2012-01-WAN]

The Silver Valley Unified School District will accept PROPOSALS for Wireless (Microwave) WAN Backhaul System, District-Wide.

The PROPOSALS must be received prior to 4:00 P.M. February 22nd, 2012, in a sealed envelope labeled and addressed with the following information:

Robert Saffel, District Coordinator of Technology Services
E-Rate YR15, RFP for Wireless (Microwave) WAN Backhaul System, District-Wide
2012-01-WAN

Silver Valley Unified School District
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.



**Request for Proposal, eRate Year 15 (2012-2013)
Wireless (Microwave) WAN Backhaul System, District-Wide**

[Proposal: 2012-01-WAN]

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 (licensed microwave) WAN backhaul system to connect its various sites to the main district NOC. 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/ copper 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 a secure and dedicated wireless based WAN backhaul connection among the “The District” Office, which is the aggregate center (NOC) of the wide area network (1) and (6) remote locations (AEC, NES, YS, FIMS, LES and TVIS).
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 100 Mbps, full duplex and layer 2 capability. The backhaul connection between sites and the NOC shall accommodate the maximum aggregate speed of all sites their respective segments.
4. The service provider shall provide cost breakouts for 100Mbps, 150Mbps, 500Mbps and 1Gbs transmission speeds at the annual terms of 1 year, 3 year and 5 years.
5. The connection between “The District” Office and the SBCSS internet connection shall have a minimum data connection of 100 Mbps, with full duplex capability.



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6. The service provider is responsible to obtain all necessary right of ways necessary to this project.
7. The service provider is responsible for obtaining any and all permits and any geological / geographical studies needed to implement and complete this project. The District does not own existing antennae towers/ poles and the service provider cannot assume or approve the use of these poles for this project. The pole owners must grant permission to use these existing poles.
8. 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."
9. The vendor will guarantee a 4-hour response time on all network outages.
10. The proposal shall include the following cost breakouts for annual terms: 1 year, 3 year and 5 year. 1 and 3 year terms must include the option to renew for up to 5 years. Price for these options must be included.
11. The proposal shall include the following cost breakouts for speed: 100Mbps, 150Mbps, 500Mbps and 1Gb.



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SCOPE OF PROJECT

1. **WIDE AREA NETWORK:** An aerial wireless licensed microwave backhaul system (fully licensed) to connect the following schools and NOC together in a redundant, fail-safe network. Connectivity shall be designed with the following transmission speed options, 100Mbps, 150Mbps, 500Mbps and 1Gbs.
 - 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. 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. The backhaul segments shall accommodate for the total transmission rate of all sites that are aggregated on each segment. Backhaul segments between sites that do not accommodate for full transmission speeds will not be acceptable.
5. Vendor must include the installation (one time) costs and monthly (ongoing) costs for all sites. Installation costs may be amortized into the monthly recurring charges over the term of the initial contract and must be identified in the response.
6. 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 a fiber connection.
7. Any planned network outages shall be coordinated with "The District" technical staff.
8. An uptime guarantee of 99.95% or better shall be provided on a 24x7 basis average over a seven-day period.
9. The circuits shall be capable of carrying multiple data services such as computer networks, voice over IP, digital video, etc.



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10. All equipment necessary to provide this connectivity shall be provided by the service provider and with no option of transfer of ownership to "The District".
11. All cabling, low and high voltage is the responsibility of the service provider and shall be included in this bid to the District. No Change Orders are allowed.
12. Provide all accommodations for electrical power, where needed. Including but not limited to pathways, cabling, conduit, etc.
13. Provide towers of adequate height and placement for unobstructed line of site.
14. Vendor is responsible for any or all BLM, DSA, geological, geographical, local and state licensing and insurances for placement of any physical property, hardware or equipment.
15. Equipment shall be new. No refurbished or used equipment will be accepted.
16. A minimum of 100Mbps, connectivity will be required for all sites. Cost breakout for speed offerings is needed at 100Mbps, 150Mbps, 500Mbps and 1Gbps for annual terms of 1 year, 3 year and 5 year. 1 and 3 year terms must include the option to renew for up to 5 years. Price for these options must be included. The district will choose the annual term and speed that best meets the districts needs.
17. Bidder shall create a matrix or spreadsheet that will include costs for each of the terms and speeds requested.
18. A UPS Back up power system shall be provided at each tower and IDF location.
19. Licensed frequencies are required.
20. Fail over shall be built in order to keep all sites connected in the event of a failure at one site (excluding DO).
21. All vendor equipment installed shall be under repair maintenance at no cost to "The District" for the life of the contract agreement.
22. Services cannot commence before July 1, 2012 and will begin upon receipt of the Funding Commitment decision letter from the Schools and Libraries Division.
23. As the cut-over date for any new carrier is desired **on July 1, 2012**, SVUSD requires a transition plan to be provided with any proposal response from responsible suppliers that are not the current carrier. The plan is to include the resources to be dedicated to the transition, all costs associated with the transition, a timeline of actions with a completion target date for the supplier and for the SVUSD transition team. The transition plan is to outline the expectations the supplier team would have



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of SVUSD and the information or task SVUSD is to provide the supplier and the date any information or task would be required.

24. The vendor shall provide three (3) references consisting of similar work and scope.
25. The bid closing date/time will be February 22nd, 2012 at 4:00PM as noted throughout this document.
26. Any bidder not meeting the requirements listed in this document will be deemed non-responsive and disqualified from the bidding process.

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 100Mbps fiber network for connectivity to the Internet. This is supplied by the K12 High Speed Network and is not part of this RFP,

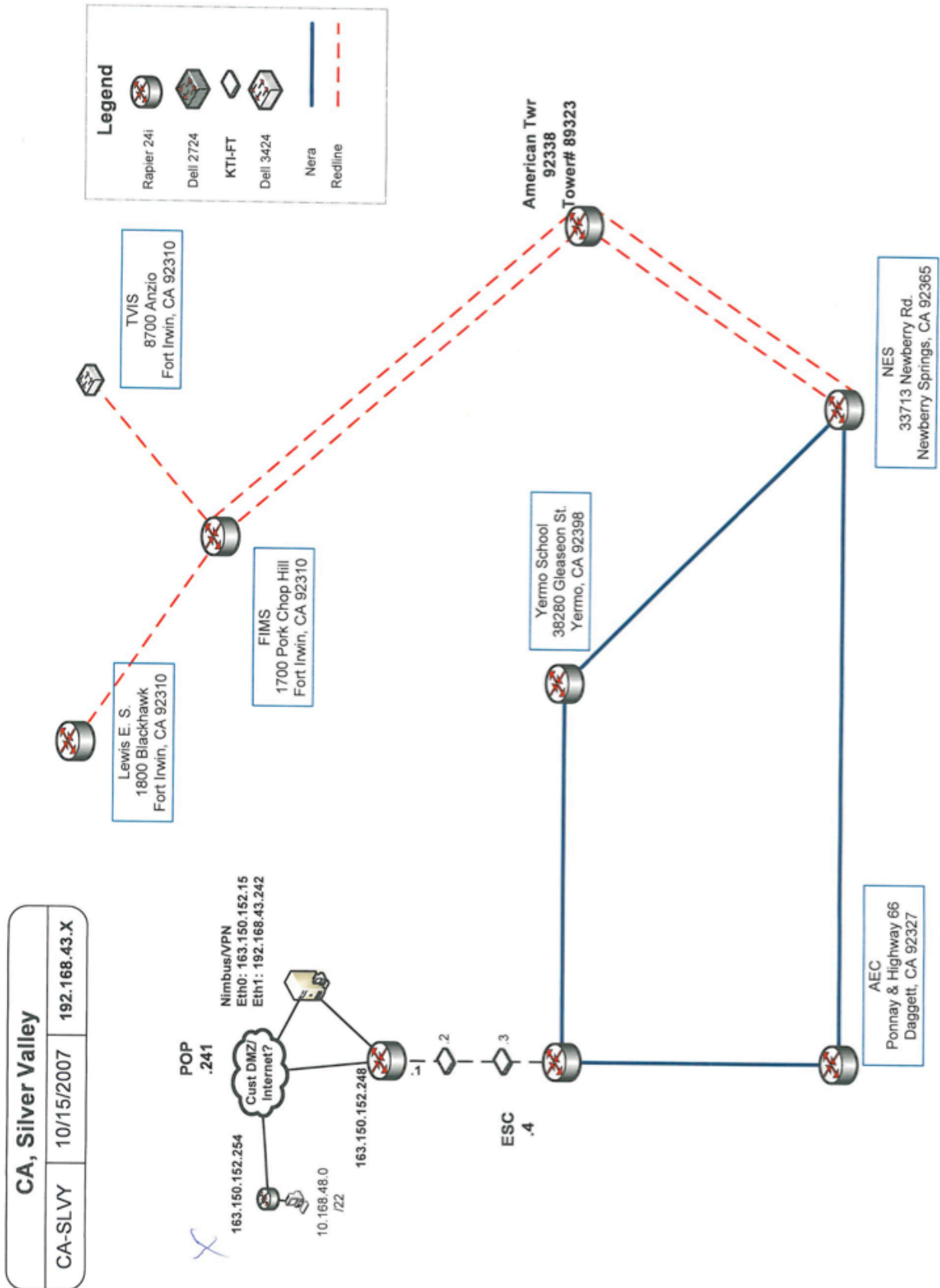
This project will seek potential vendors to provide Silver Valley USD with a complete licensed, wireless (microwave) WAN backhaul system to connect all sites and district office for Internet and network connectivity.

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. **Tiefort 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



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