Claremont Unified School District

Technical Specification for High Speed
Wide Area Network Project
For District Sites

February 21, 2019

E-Rate Funding Year 2019
Overview

Claremont Unified School District (CUSD) is seeking proposals to provide a high speed digital data network between various district school sites. This connectivity is designed to accommodate both the present and future needs furthering the district’s technological vision. 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.

Claremont Unified is soliciting qualified service providers to submit an ongoing service bid for high speed wide area network connectivity between district sites (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.

This project is entirely contingent upon available funding from the federal E-Rate program (Schools and Libraries Division) and the Claremont Unified School District and may or may not be undertaken at its sole discretion. In addition, Claremont Unified School 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 terrestrial based lit fiber optic connectivity between the CUSD District Office and ten (10) school sites.

2. All remote school sites shall aggregate to the District Office. The aggregate minimum bandwidth at the District Office shall be the sum of the bandwidth of all remote sites.

3. Eight (8) remote school sites shall have a minimum data connection to the CUSD District Office of 1 Gigabit, full duplex capability with an option for 10 Gigabit.

4. One (1) remote school site shall have a minimum data connection to the CUSD District Office of 2 Gigabit, full duplex capability.

5. One (1) remote school site shall have a minimum data connection to the CUSD District Office of 10 Gigabit, full duplex capability.

6. The vendor is responsible to obtain all necessary right of ways necessary to this project.

7. 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 vendor at no expense to the District.
8. The vendor will guarantee a 4 hour response time on all network outages.

9. The minimum of a five (5) year contract shall be provided. Future contracts and/or renewals will be at the discretion of the Claremont Unified School District.
Scope of Project

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

1. A terrestrial based, 1 gigabit (1000Mbs, full duplex) lit fiber optic (ethernet capable) connectivity (minimum) from the CUSD District Office to the following school sites:
   a. Chaparral Elementary School  
      451 Chaparral Drive, Claremont, CA 91711
   b. Condit Elementary School  
      1750 North Mountain Avenue, Claremont, CA 91711
   c. Sumner Elementary School  
      1770 Sumner Avenue, Claremont, CA 91711
   d. Mountain View Elementary School  
      851 Santa Clara Avenue, Claremont, CA 91711
   e. Sycamore Elementary School  
      225 West 8th Street, Claremont, CA 91711
   f. Oakmont Elementary School  
      120 West Green Street, Claremont, CA 91711
   g. Vista del Valle Elementary School  
      550 Vista Drive, Claremont, CA 91711
   h. San Antonio High School  
      125 West San Jose Avenue, Claremont, CA 91711

2. A terrestrial based, 2 gigabit (2000Mbs, full duplex) lit fiber optic (ethernet capable) connectivity (minimum) from the CUSD District Office to the following school site:
   a. El Roble Intermediate School  
      665 North Mountain Avenue, Claremont, CA 91711

3. A terrestrial based, 10 gigabit (10000Mbs, full duplex) lit fiber optic (ethernet capable) connectivity (minimum) from the CUSD District Office to the following school site:
   a. Claremont High School  
      1601 North Indian Hill Boulevard, Claremont, CA 91711
4. The CUSD District Office is to serve as the aggregate point for the network which is located at:
   a. Claremont Unified School District
      170 West San Jose Avenue, Claremont, CA 91711

5. The aggregate minimum bandwidth at the District Office shall be the sum of the bandwidth of all remote sites.

6. Any construction costs shall be amortized over the length of the contract.

7. All school sites shall terminate at the existing demarcation points used by current providers and will be handed off using multi-mode fiber - one gigabit physical interface for gigabit circuits and ten gigabit physical interfaces for any circuit above one gigabit.

8. Demarcation at the CUSD District Office will be in the district data center located in the basement of the building. Termination of fiber and installation of vendor equipment will be in provided rack space in the data center.

9. An uptime guarantee of 99.95% or better shall be provided.

10. The circuits shall be capable of carrying multiple data services such as computer networks, voice over IP, digital video, etc.

11. All equipment necessary to provide this connectivity shall be provided.

12. All vendor equipment installed shall be under repair maintenance at no cost to Claremont Unified School District for the life of the contract agreement.

13. No billing can take place prior to July 1, 2019. CUSD will be billed for only the non-discount portion of the costs for services.

14. Project is contingent upon available funding from the federal E-Rate program (Schools and Libraries Division).

15. Vendors can be disqualified for not conforming to the criteria specified in this document.
Vendor Proposal Requirements

1. All vendor responses shall conform to the instructions provided in this RFP document.

2. Service providers are required to be in full compliance with all current requirements and future requirements issued by the SLD for participation in the E-Rate program throughout the contractual period of any contract entered into with the District.

3. The District will require that the awarded service provider ensure that all eligible components of service are filed with the CPUC and are eligible for the CTF discount.

4. Bid closing date/time will be **Friday March 22, 2019 at 12:00pm**.

5. Proposals should be delivered to:

   Claremont Unified School District
   Attn: Damon Rapp
   170 West San Jose Ave.
   Claremont, CA 91711

6. Request for Proposal Submission Format
   a. Cover Letter of Interest which includes statement of which RFP vendor is bidding
   b. Table of Contents
   c. Vendor Company Data
   d. Proposers Service Provider Identification Number (SPIN)
   e. Experience and Client References
   f. Technical Capabilities
   g. Vendor Qualifications
   h. Cost Proposal
   i. Expected Implementation Timeline

7. All proposals should have a contract length of **five (5) years**.

8. Any additional information/questions may be directed to:

   Damon Rapp
   Director of Technology
   Claremont Unified School District
   170 West San Jose Ave.
   Claremont, CA 91711

   Phone: (909) 398-0609 x.70205
   Email: drapp@cusd.claremont.edu