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Organization:	Central Valley Independent Network, LLC
Project Name:	The Central Valley Next Generation Broadband Infrastructure Project
Project Type:	Comprehensive Community Infrastructure
State:	California
Federal Award:	\$46,619,757

ABOUT THE PROJECT

According to a June 2009 report by the Public Policy Institute of California, Internet and broadband use has increased in all regions of California except for the Central Valley, where 49 percent of households cannot access high-speed service. Current broadband infrastructure in the region is largely inadequate to meet the needs of local community anchor institutions. In response to this situation, **Central Valley Independent Network (CVIN)**, along with its project partner, Corporation for Education Network Initiatives in California (CENIC), intends to deploy a 1,371-mile fiber backbone network through 18 Central Valley counties. The network, consisting of 720 newly constructed miles of fiber and the leasing of 164 miles of dark fiber, will provide Internet backbone service to Amador, Calaveras, Colusa, El Dorado, Fresno, Kings, Kern, Mariposa, Merced, Madera, Nevada, Placer, San Joaquin, Stanislaus, Sutter, Tuolumne, Tulare, and Yuba counties. In addition, the project will construct 12 new wireless nodes in order to deploy WiMax last-mile service to the rural portions of Fresno, Tulare, Kings, and Kern Counties.

The Central Valley Next Generation Broadband Infrastructure Project also proposes to:

- Enhance and expand its fiber network in a region comprised of more than 1,500,000 households and 160,000 businesses. The project expects to spur new or improved high-speed Internet access for these consumers by enabling local Internet service providers to utilize the new open network.
- Serve 63 committed community anchor institutions, including seven public safety entities, 19 K-12 county offices of education that aggregate over 1,800 schools, 20 libraries, 14 community colleges and the Bakersfield, Fresno, and Stanislaus campuses of the California State University, with the potential to connect up to an additional 6,000 such organizations.
- Provide 10 Gbps service for the 350 existing cell towers in the proposed service area, facilitating high-speed last-mile wireless service in the region.

ORGANIZATION'S HISTORY

CVIN, founded in 1995, is an eight-member consortium of local and regional service providers with combined decades of network deployment and management experience. Project partner CENIC, also has a wide array of experience in developing and managing state and federal grants, having received funding from the U.S. Department of Agriculture, the National Science Foundation, and the California State Public Utilities Commission in the past.

PROJECT PARTNERS

- Corporation for Education Network Initiatives in California
- CVIN member affiliated companies: Sebastian, Ponderosa Telephone Company, Sierra Telephone, Calaveras Telephone, Volcano Telephone, Ducor Telephone, Cal-Ore Telephone, and Siskiyou Telephone

Data provided in the project description is based on information supplied by the applicant. An executive summary of this application can be found on www.ntia.doc.gov/broadbandusa.

For press-related inquiries, contact 202-482-7002 or press@ntia.doc.gov. For the general public, contact BTOP@ntia.doc.gov.

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