



GOVERNOR ARNOLD SCHWARZENEGGER

May 3, 2010

Mr. Larry Strickling  
Administrator  
National Telecommunications and Information Administration  
U.S. Department of Commerce  
1401 Constitution Avenue, NW  
Washington, DC 20230

RE: California Recommendations for Broadband American Recovery and Reinvestment Act Applications for Round Two

Dear Mr. Strickling,

Thank you for allowing California the opportunity to comment on the American Recovery and Reinvestment Act (ARRA) broadband round two applications pending before your agency.

As you know, since 2006, when I formed a California Broadband Task Force, California has been a national leader in crafting a cohesive program of broadband mapping, a state-level broadband infrastructure program, broadband adoption and awareness programs and public computer center efforts. As a result of four years of effort, California is uniquely "shovel ready" on a number of critically important statewide and regional projects for round two of the Broadband Technology Opportunities Program (BTOP). Our state has been proactive in terms of promoting public-private partnerships to propose some exceptional projects in cutting-edge broadband infrastructure, telehealth, tele-education, public safety and public computer center programs impacting job seekers, veterans, Native American tribes and low-income persons.

As requested, we have reviewed the BTOP applications provided to us by the applicants, and we are submitting to you nine "highly recommended" projects and 21 other "recommended" projects. Our highly recommended projects are statewide or regional in nature, emphasize public-private partnerships and service to key anchor institutions, and otherwise meet the priority criteria established by the National Telecommunications and Information Administration in its Notice of Funding Availability for round two.

Our state review process included neutral third party review of the applications we received, review by broadband experts in our state agencies and review of the recommended list of applications by key state agency officials. We did not receive applications to review from all applicants, nor did we have the resources to review multistate applications impacting California. Lack of comment on an application should not be construed in any adverse manner.

Mr. Larry Strickling  
April 29, 2010  
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I support the enclosed projects as consistent with our state goals for broadband, and we urge NTIA to consider our input when it makes its grant decisions, with special consideration for our highly recommended projects. These projects and investments will allow NTIA to meet its BTOP goals as well as allow us to meet our state broadband goals and improve the economic standing of California and the nation.

Sincerely,



Arnold Schwarzenegger

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Attachments

## Attachment 1

### Highly Recommended California Projects In Alphabetical Order by Category

#### A. Public Computer Centers:

**1. Applicant Name: Amador Tuolumne Community Action Agency**      **Applicant ID: 5473**

**Project Area:** Alpine, Amador, Calaveras, Mariposa and Tuolumne Counties

**Project Title: Central Sierra Connect Neighborhood Information Center Project**

**Project Description** Central Sierra Connect Neighborhood Information Center Project (CSC) will leverage a network of new and existing public computer centers, including some specifically targeted at unserved communities. In partnership with regional ISPs, CBOs, human service agencies and businesses, CSC will provide computer literacy training from basic computer instruction to high-level certifications

**Project Cost:** \$1,225,000

**Households/Users Served:** Users: 8,725; Public Computer Centers: 10

**Jobs:** 100 new jobs will be created, 25 jobs will be retained.

**Matching Funds:** 20%

#### **BTOP Goals:**

**Underserved:** Project serves underserved areas.

**Wide Range of Anchor Institutions and Vulnerable Populations:** Major Anchor Tenants include the Amador-Tuolumne Community Action Agency with 12 Head Start Centers, the region's only homeless shelters and transitional shelters, ATCAA Food Bank, Energy and Weatherization, regional youth mentoring programs, area allied Neighborhood Information Centers, YES Partnership youth drug prevention program, and three Community Centers; all four counties Administration and Board of Supervisors, Sheriff's Departments and Libraries, local community colleges, medical and healthcare providers, and other community support organizations.

**Public Safety Agencies:** Sheriff's department will be served

**Stimulates Demand for Broadband, Economic growth and Job Creation:** CSC will leverage the existing public computer centers located throughout the five-county region and establish new public computer centers focusing on job training skills and broadband accessibility. CSC and its partners developed a comprehensive training course, based on the Targeted Technology Training Program developed by ZeroDivide and Connecting Stanislaus. 100 individuals will be placed on stipend-based internships and full time living wage jobs. 500 residents will receive subsidized connectivity for the term of the grant and a free or low cost refurbished computer. 5,000 residents will be reached through broadband awareness efforts and 2,500 low income and vulnerable persons will receive training to boost their ability to receive jobs with digital literacy skills.

#### **BTOP Priorities:**

**Health Care Delivery:** Medical and health care providers will be served

**Education:** Local community colleges will be served

**Children:** Regional youth mentoring programs, YES Partnership youth drug prevention program

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**2. Applicant Name: Califa**      **Applicant ID: 4387**

**Project Area:** Statewide – 136 Public Libraries in 20 counties throughout the state

**Project Title: Free2 Connect 4 Success**

**Project Description:** The "Free2 Connect 4 Success" project will address the critical need to expand public Internet access facilities in the state's public libraries by providing 136 libraries throughout the state with laptops, wireless routers, and information resources to assist job seeking. Participating libraries will provide their communities with around-the-clock free Internet access with their WiFi facilities.

**Project Cost:** \$3,203,952

**Households/Users Served:** 136 public libraries in 20 counties throughout state.

**Matching Funds:** 20.8%

**Jobs:** Direct: 11 jobs; Indirect 9; Induced 10

**BTOP Goals:**

**Underserved:** Projects serves underserved broadband areas.

**Wide Range of Anchor Institutions and Vulnerable Populations:** Program target is 136 public libraries who lack laptops to lend and adequate WiFi access to extend public access to the Internet. Program also targets unemployed persons using the library to prepare a resume, learn digital literacy, and apply for jobs online. Public libraries are heavily used by seniors, low income, and those without computers or broadband access.

**Stimulates Demand for Broadband, Economic growth and Job Creation:** Each partner public library will be provided with 10 laptop computers. Staff of each participating library will be trained to guide users through the resources and identify possible training needs and employment opportunities that are available in the community. 113 of these libraries will be provided with wireless routers to accommodate the increased load and increase public access. By locating the wireless routers to provide access in the vicinity outside of the library, they will provide around the clock Internet access to their communities.

**BTOP Priorities:**

**Children:** These 136 upgraded Public Computer Centers will serve a wide range of patron needs, including K12 education (after school computer access).

**Education:** These 136 upgraded Public Computer Centers will serve a wide range of patron needs, including K12 and adult education during hours schools or colleges are not open.

**Health Care Delivery:** These 136 upgraded Public Computer Centers will serve a wide range of patron needs, including health care and e-government from health care agencies.

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**3. Applicant Name: California Emerging Technology Fund      Applicant ID: 5046**

**Project Area:** Statewide

**Project Title: Digital Literacy for All**

**Households/Users Served:** Users 570,544; Public Computer Centers: 27

**Project Description:** Digital Literacy for All (DLA) brings to scale a network of 27 public computer centers located in six California high-priority regions, combining anchor institutions, business, education, and community-based resources. DLA creates the next generation of public computer centers, enabling individuals to gain Internet access and the digital literacy skills needed to participate fully in society. The six priority regions are: San Francisco Bay Area (East Bay), Los Angeles (East and South), Inland Empire (Riverside), Sacramento Valley (South Sacramento), San Diego/Imperial (San Diego), and San Joaquin Valley (Fresno and Patterson).

**Project Cost:** \$8,448,961

**Matching Funds:** 33.7%

**Households/Users Served:** Users 570,544; Public Computer Centers: 27

**Jobs:** Direct: 217; Indirect 138; Induced 78

**BTOP Goals:**

**Underserved:** Create 27 public computer centers in six regions of California with low penetration rates, targeting vulnerable populations; Increase household adoption of broadband technology in high-priority, low-income communities in California (8,377 new households will subscribe to broadband services)

**Wide Range of Anchor Institutions and Vulnerable Populations:** Within the priority regions/communities, CETF and its partners have targeted Latinos, Native Americans, low-income individuals, and persons with disabilities.

**Stimulates Demand for Broadband, Economic growth and Job Creation:** 217 residents will be placed in full time living wage jobs. Increase household adoption of broadband technology in high-priority, low-income communities in California (8,377 new households will subscribe to broadband services)

**BTOP Priorities:**

**Education and Children:** 28,556 youth and adults will gain digital literacy skills

## **B. Sustainable Broadband Adoption**

**Applicant Name:** California Emerging Technology Fund    **Applicant ID:** 5047

**Project Area:** Statewide

**Project Title:** Access to Careers and Technology

**Project Description:** CETF will co-invest with NTIA to create Access to Careers and Technology (ACT), a scalable workforce development program. ACT builds on the capacities of community organizations and anchor institutions, who are results-producing CETF grantees and partners, to enable access to broadband and jobs in six high-priority regions with persistently high poverty and low levels of broadband adoption.

**Project Cost:** \$11,062,276

**Matching Funds:** 35.7%

**Households/Users Served:** Households: 8,537; Businesses: 450; Anchor Institutes: 28

**Jobs:** Direct 2,647; Indirect 1,683; Induced: 951

### **BTOP Goals:**

**Unserved:** Focuses on six regions of the state where broadband adoption is lowest.

**Wide Range of Anchor Institutions and Vulnerable Populations:** Targeting Latino, Native Americans, low income, and persons with disabilities

**Stimulates Demand for Broadband, Economic Growth and Job Creation:** Increase employment and reduce poverty by enabling low-income residents to gain technology skills to enter ICT jobs. Prepare low-income individuals for technology-based careers through extensive vocational training programs that result in recognized certifications

### **BTOP Priorities:**

**Education:** Assists youth and adults

**Children:** 8,270 youth to obtain technology skills

**Jobs:** Statewide vocational training resulting in advanced technology certificates for adults. Digital literacy training.

**Applicant Name:** University of California, Davis    **Applicant ID:** 4871

**Project Area:** Statewide

**Project Title:** California Telehealth Network eHealth Broadband Adoption

**Project Description:** This project is proposed by the California statewide telehealth project in which \$22 million of FCC Rural Health Care Pilot Program money and \$4 million from these partners -- the University of California, the California Emerging Technology Fund, the California Teleconnect Fund, the National Coalition for Health Information, the California HealthCare Foundation, and United Healthcare -- has been invested. The California Telehealth Network is expected to transform health care delivery in California and be a major network to carry cutting edge telehealth applications and health information exchange/electronic medical records to 863 health care sites. This SBA project supports sustainability of California's Telehealth Network, creates wide spread reliance on broadband applications by delivering multi-faceted training in partnership with libraries, community colleges, health organizations and public safety sites. It also establishes best practice Model eHealth Communities to demonstrate the transition to technology-enabled health delivery.

**Project Cost:** \$13,822,296

**Matching Funds:** 33.8%

**Households/Users Served:** Users: 52,845; Anchors Institutions (health care facilities): 863

**Jobs:** Direct: 22; Indirect: 41; Induced 36

### **BTOP Goals:**

**Unserved:** 56% of CTN health care sites are in Broadband Adoption Unserved areas; significant Native American tribes will be served.

**Underserved:** Yes



**Wide Range of Anchor Institutions and Vulnerable Populations:** Libraries will serve as anchor institutions to support consumer healthcare broadband literacy. Healthcare providers will have skills to teach people to effectively utilize web-based tools to manage their health. Significant number of tribes served by project.

**Public Safety:** In Model eHealth communities, public safety anchor sites will receive eHealth equipment to accelerate the adoption of broadband-reliant applications.

**Stimulates Demand for Broadband, Economic Growth and Job Creation:** Yes

**BTOP Priorities:**

**Health Care Delivery:** This project will establish Model eHealth Communities selected to demonstrate successful transitions to technology-enabled health delivery. Healthcare and public safety anchor sites in Model eHealth Communities will receive eHealth equipment to accelerate the adoption of broadband-reliant applications.

Healthcare providers will have skills to teach people to effectively utilize web-based tools to manage their health.

**Education:** In Model eHealth Communities, community colleges will use technology adoption for healthcare workforce courses and offer consumer health courses

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**Applicant Name:** ZeroDivide    **Applicant ID:** 5507

**Project Title:** Tribal Digital Village Broadband Adoption Program

**Project Description:** ZeroDivide's "Tribal Digital Village Broadband Adoption Program" will increase broadband adoption from the 17% current baseline usage to 70% (4,800 new broadband users) among members of 19 Native American tribes in rural Southern California. This will be accomplished through outreach and public awareness, digital literacy training, content creation, and establishment of sustainable business models.

**Project Cost:** \$986,060

**Households/Users Served:** Users: 4,800; Anchor Institutions: 30

**Matching Funds:** 30.4%

**Jobs:** Direct 4; Indirect: 3; Induced 4

**BTOP Goals:**

**Unserviced:** Service to unserved areas serving Native American Tribes in rural Southern California

**Underserved:** Service to underserved areas serving Native American Tribes in rural Southern California.

**Wide Range of Anchor Institutions and Vulnerable Populations:** 19 Native American tribes in rural Southern California will be served. The reservations are primarily located in San Diego County, California, and are scattered within an area beginning in southern Riverside County, California, and stretching southward 150 miles to the U.S.-Mexico border. Project will increase broadband adoption from the 17% current baseline to 70% (4,800 new users) in 19 tribes. Basic & Advanced Digital Literacy/Technology Training: 40-60 training sessions teaching broadband application skills conducted in 31 community anchor institutions. Participants will also have the option to obtain a free computer from the San Diego Futures Foundation.

**Stimulates Demand for Broadband, Economic growth, and Job Creation:** 8,900 tribal members will be reached. This program will result in 4,000 new broadband users at 2,000 tribal homes, 750 new users at community anchor institutions, and 50 new business users-for a total of 4,800 new users. Combined with the existing 1,500 broadband users, there will be a total of 6,300 broadband users at the end of this program. Also, TDV will redesign its website to support distribution of more robust content, tribal government services, and community content. In addition, the program will train participants in advanced broadband applications including digital video production, sound engineering, graphics, website development and the use of social media.

**BTOP Priorities:**

**Health Care Delivery:** Digital literacy programs will increase access of tribal members to health resources on the Internet and telehealth applications.

**Education:** Increased access to Internet will enhance educational opportunities for tribal students of all ages.

**Children:** Tribal Digital Village shadow project for youth.

### **C. Comprehensive Community Infrastructure**

**Applicant Name:** California Broadband Cooperative, Inc.    **Applicant ID:** 5569

**Project Area:** Eastern Sierra (between Carson City, NV and Barstow, CA)

**Project Title:** Digital 395 Middle Mile

**Project Description:** Digital 395 is a 583 mile fiber optic network between Carson City, Nevada and Barstow, California providing Middle Mile broadband and route diversity to 15% of California. It will serve 25,949 households, 2571 businesses, 237 anchors, and 68 Points of Interest in the Eastern Sierra. The Cooperative represents a CPUC-funded public-private partnership aimed at long-term economic development

**Households/Users Served:** 25,949 households, 2571 businesses, 237 anchors, and 68 Points of Interest

**Project Cost:** \$101,494,218

**Matching Funds:** 20%

**Jobs:** Direct: 416; Indirect: 292; Induced: 399

#### **BTOP Goals:**

**Unserved:** Will serve unserved areas

**Underserved:** Will serve underserved areas

**Improves Broadband Access to a Wide Range of Anchor Institutions and Vulnerable Populations:** 6 Indian reservations, 36 communities, 237 anchor institutes. Anchor institutes include two military bases, courthouses, municipal utilities, regional federal offices for BLM, USFS, and miscellaneous other agencies.

**Public Safety:** Serves public safety and two military installations

**Stimulates Demand for Broadband, Economic Growth and Job Creation:** Major regional middle mile project in an area that is unlikely to have private carriers serve it

#### **BTOP Priorities:**

**Middle Mile Component:** Yes

**New or Upgraded Service to Community Anchor Institutes:** Yes

**Public Private Partnership with Those With Demand or Need for Better Access:** Yes

**Economically Distressed Area:** Yes

**Community Colleges Served:** Yes

**Public Safety Served:** Yes

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**Applicant Name:** Cvin, LLC/CENIC    **Applicant ID:** 6451

**Project Title:** The Central Valley Next Generation Broadband Infrastructure Project

**Project Area:** 18 Counties in the Central Valley of California

**Project Description:** CVIN/CENIC will build a 1371 mile fiber-optics infrastructure through 18 California counties: Amador, Calaveras, Colusa, El Dorado, Fresno, Kings, Kern, Mariposa, Merced, Madera, Nevada, Placer, San Joaquin, Stanislaus, Sutter, Tuolumne, Tulare & Yuba providing direct fiber connectivity to 63 anchor institutions & access by another 40 anchor sites & hundreds of thousands of businesses & residences. This new infrastructure will be linked to CENIC's advanced statewide backbone and to the Internet. The key goal is to directly connect primary anchor institutions to this infrastructure via direct fiber or by a circuit at 1GE to 10 GE speeds.

**Project Cost:** \$ 66,599,667

**Households/Users Served:** Households: 1,549,008; Businesses: 161,570; Anchor Institutions: 63

**Matching Funds:** 30%

**Jobs:** Direct: 283; Indirect: 180; Induced: 261

#### **BTOP Goals:**

**Unserved:** Yes

**Underserved:** Yes

**Improves Broadband Access to a Wide Range of Anchor Institutions and Vulnerable Populations:** Direct fiber connectivity to 63 anchor institutions and access by another 40 anchor sites. 63 anchor sites will be connected directly by fiber: 14 community college districts & colleges, all 19 County Offices of Education sites, the three California State universities, 20 County and Main libraries, 7 public safety sites.

**Public Safety:** Yes, at least seven public safety sites

**Stimulates Demand for Broadband and Economic Growth and Job Creation:** 1,549,008 households and 161,570 businesses

**BTOP Priorities:**

**Middle Mile Component:** Yes

**New or Upgraded Service to Community Anchor Institutes:** Yes.

**Public Private Partnership with Those With Demand or Need for Better Access :** Yes

**Economically Distressed Area:** Yes, Over 57% of the Central Valley is classified as either unserved or underserved by broadband infrastructure, the per capita income in 2007 was \$29,790, 29% below the state average, and some counties are now ranked among the poorest in the nation.

**Community Colleges Served:** Yes, 14 community college districts and colleges

**Public Safety Served:** Yes, at least 7 public safety sites. Cvin/CENIC is working with the Northern Planning Area of California (NPAC) & the Central Planning Area of California (CPAC) groups, under California's Statewide Interoperability Executive Committee (CalSIEC), to develop plans for regional Emergency Services Networks utilizing this infrastructure & the CENIC statewide backbone to interconnect the major Public Safety Answering Points (PSAPs) located throughout the region. Initially, 7 major sites in the CPAC 7- county region will be directly connected by fiber. Planning continues to link major sites in the other 11 counties and to find last mile solutions for the other 60-70 PSAPs.

**Last Mile Component:** Yes

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**Applicant Name:** Imperial County Office of Education

**Applicant ID:** 6055

**Project Title:** IVTA CCI Project

**Project Area:** Imperial County, CA

**Project Description:** Imperial County Office of Education, on behalf of the Imperial Valley Telecommunications Authority, will install 42 miles of fiber optic cable. These installations will complete four major "community loops" preparing the network to fully support public safety agencies. In addition, 20 new community anchor institutions will be connected -- delivering service to our most vulnerable communities. The communities touched by the new work are Calexico, Niland, El Centro, Holtville, Imperial, and Brawley.

**Household/Users Served:** Households: 27,274; Businesses: 2544; Anchor Institutes 20

**Project Cost:** \$2,797,530

**Matching Funds:** 25.1%

**Jobs:** Indirect: 20; Induced 10

**BTOP Goals:**

**Unserved:** Yes

**Underserved:** Yes

**Improves Broadband Access to a Wide Range of Anchor Institutions and Vulnerable Populations:** Yes

**Public Safety:** Yes. Through the project, IVTA will close four major community loops in the network. Closing these loops is critical for public safety and emergency services operations.

**Stimulates Demand for Broadband and Economic Growth and Job Creation:** Yes

**BTOP Priorities:**

**Middle Mile Component:** Yes

**New or Upgraded Service to Community Anchor Institutes:** Yes

**Public Private Partnership with Those with Demand or Need for Better Access:** Yes

**Economically Distressed Area:** Yes

**Community Colleges Served:** Yes, community college is a Hispanic Serving Institution

**Public Safety Served:** Yes



**Attachment 2**  
**Recommended California Projects**  
**In Alphabetical Order by Category**

**Comprehensive Community Infrastructure**

<u>Applicant Name</u>	<u>App. ID</u>	<u>Project Name</u>
City of Grover Beach	6411	Grover Beach Municipal Network
City of Oakland (Inc.)	6305	OaklandWEB
City of Richmond	7344	Richmond Broadband Accessibility Project
Elk Grove Unified School District	4384	Broadband Education Services Technology Network Phase III
Los Angeles Community College District	7509	Connect LA /CCD
Nevada County Economic Resource Council Inc.	6145	Nevada County Connected
Redwood Telephone, LLC	7299	Northern California Open Community Fiber Network

**Sustainable Broadband Adoption**

<u>Applicant Name</u>	<u>App. ID</u>	<u>Project Name</u>
City and County of San Francisco	6890	San Francisco Community Broadband Opportunities Program
City of Los Angeles	4841	Los Angeles Constituent Access Resource to E-government Services
Coachella Valley Unified School District	6900	The Digital Advantage Program ' Coachella Valley Unified School District Student Laptop Program
EMSAT: Advanced Technology For Emergency Medical Services	7802	Next Generation EMS Communications, Emerging Disease Detection and Response Network - Los Angeles
Foundation for California Community Colleges	6303	California Connects
San Diego County Office of Education	6730	CloudConnect
Youth Policy Institute Inc.	6539	YPI Family Technology Project

**Public Computer Centers**

<u>Applicant Name</u>	<u>App. ID</u>	<u>Project Name</u>
City and County of San Francisco	6322	San Francisco Community Broadband Opportunity Program
City of Firebaugh	6542	City of Firebaugh and Rural Anchor Partners Expanding Technology through Public Community Centers
Dept. of Education, Orange County	4390	Project Access
Los Angeles Unified School District	5068	LAUSD Mobile Internet Computer Access Program
North Orange County Community College District	6767	Connect, Be Connected, Stay Connected
Regents of the University of California	7797	Latino Health Information Technology Empowerment Project
Youth Policy Institute Inc.	5840	YPI Public Computer Centers Program

Attachment 3  
Identification of Unserved and Underserved Areas

We urge NTIA to use the California broadband map for unserved and underserved area identification found at the following public weblink:

<http://www.cpuc.ca.gov/PUC/Telco/Information+for+providing+service/Broadband+Availability+Maps.htm>

This is the most current map that exists for broadband in California, using as base maps the mapping performed in 2006-2007 as part of the California Broadband Task Force, and updated with recent information from our state video franchise holders who offer broadband, as well as grants of the CPUC's California Advanced Services Fund, a state funded broadband grant program. As a state that has performed its broadband mapping, California strongly recommends that the NTIA will consult our broadband maps when evaluating BTOP applications.

*Questions about California's submission may be directed to:*

*Teri Takai, State Chief Information Officer at (916) 319-9223 or [teri.takai@cio.ca.gov](mailto:teri.takai@cio.ca.gov);*

*Rachelle Chong, Special Counsel, Advanced Information and Telecommunications Technologies, (415) 703-1517 or [rachelle.chong@state.ca.gov](mailto:rachelle.chong@state.ca.gov); or*

*Jon Dickinson, Director of Legislation and Government Affairs, (916) 324-2394 or [jon.dickinson@state.ca.gov](mailto:jon.dickinson@state.ca.gov)*



GOVERNOR ARNOLD SCHWARZENEGGER

June 1, 2010

Via electronic mail [imartinez@ntia.doc.gov](mailto:imartinez@ntia.doc.gov)

Mr. Larry Strickling  
Administrator  
National Telecommunications and Information Administration  
U.S. Department of Commerce  
1401 Constitution Avenue, NW  
Washington, DC 20230

Re: California Recommendations for Broadband American Recovery and Reinvestment Act  
Applications for Round 2 – Public Safety Applications Granted Eligibility Waivers

Dear Mr. Strickling,

Thank you for the opportunity to comment on the Broadband American Recovery and Reinvestment Act of 2009 (ARRA) applications pending before your agency for Round 2, specifically those that impact California, submitted by entities that received waiver authority from the Federal Communications Commission to use the 700 MHz public safety broadband spectrum. As requested, we have reviewed the Broadband Technology Opportunity Program (BTOP) applications provided to us by the applicants, and we are pleased to endorse the following projects:

1. **Applicant:** Motorola, Inc. **Application ID:** 7309  
**Project Title:** The San Francisco Bay Area Wireless Enhanced Broadband Project (BayWEB)  
**Project Type:** Comprehensive Community Infrastructure  
**Grant Request:** \$50,593,551

**Description:** The project is a public-private partnership among Motorola, public safety agencies in 10 counties (Alameda, Contra Costa, San Mateo, San Francisco, Marin, Sonoma, Napa, Solano, Santa Cruz and Santa Clara) and multiple wireless broadband providers in the San Francisco Bay area. The project will deploy a comprehensive broadband middle mile network called BayWEB consisting of 200 radio sites that will expand broadband service for a public safety subsystem for public safety and government users with state-of-the-art Long Term Evolution (LTE) technology. BayWEB will also offer wireless broadband service through established wireless broadband providers to 28,490 community anchor institutions, 27 community colleges, 2,500,000 residential households and 186,095 businesses.

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The service area spans 7,368 square miles, with a population of 7 million people living in more than 100 cities and towns. The BayWEB project is shovel-ready because it uses existing infrastructure of the Bay Area Regional Interoperability Communications System and thus can be deployed in a cost efficient manner. The project cost is \$72,483,637, and the grant request is for \$50,595,551, a difference reflecting in-kind contributions of \$21,890,086 from Motorola (which represents slightly more than 30 percent of the total budget for the project). The BayWEB project will create 1,315 jobs (375 direct jobs, 553 indirect jobs and 38 induced jobs).

**State Comment:** California strongly supports this BayWEB project. It is a comprehensive, 10-county public safety project using cutting edge LTE technology to service our emergency responders in case of a catastrophic regional emergency, such as a major earthquake or fire. The level of multi-jurisdictional cooperation on this project is very high and commendable. BayWEB is expected to be a national pilot program for LTE usage for public safety in the designated 700 MHz spectrum. In addition, BayWEB will supply wireless broadband service to 28,490 community anchor institutions and 27 community colleges, providing important competition to existing wireless broadband providers.

2. **Applicant:** Illinois Institute of Technology **Application ID:** 7641  
**Project Title:** CCI Platform with Universal Broadband, Secure Emergency Response and Smart Grid Capabilities  
**Project Type:** Comprehensive Community Infrastructure  
**Grant Request:** \$70,000,000

**Description:** This project demonstrates a comprehensive infrastructure that leverages Smart Grid and renewable energy technology with advanced cyber secure communications to provide low-cost universal broadband and secure wireless emergency response services to a group of representative unserved or underserved communities (Native American, rural, inner city and low income communities) in four states, including rural farm communities north and east of San Diego, California. The project serves 400,000 residents, 4,000 businesses and 400 community anchor institutes, using universities, community colleges and schools as broadband distribution hubs. The platform delivers universal broadband coverage to its communities, secure emergency communications powered by solar energy with battery storage for emergency responders, Smart Grid functionality and information to electric utilities and energy conservation methods to residential electric customers. The total budget is \$102,300,000 for four areas in the United States that contain underserved communities: (1) a group of rural Native American pueblos and Hispanic villages north of Santa Fe, New Mexico; (2) rural farm communities north and east of San Diego, California; (3) economically disadvantaged families in inner city Chicago, Illinois; and (4) a mixed race, low income area on the outskirts of Philadelphia, Pennsylvania. The grant requested is for \$70,000,000, with \$32,300,000 (31.6 percent) in matching funds from project participants. The project will create 1,100 direct and indirect jobs.

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**State Comment:** California supports this multi-state project due to its emphasis on broadband adoption in key underserved broadband communities (Native American, rural, economically disadvantaged, low income), its focus on public safety communications with renewable energy and battery storage back up and its emphasis on broadband as an enabler of Smart Grid and demand response. As a leader in Smart Grid, renewable energy and broadband adoption, California finds this project innovative and forward thinking.

We note that the state requested but did not receive applications from two of the applicants who received waivers. Our silence on an application should not be equated with any adverse opinion. We understand that a third applicant, Los Angeles Regional Interoperable Communications System (LA-RICS), has not yet applied for BTOP funding. Should LA-RICS apply for BTOP funding by July 1, 2010, we hope to make a recommendation on the application at that time.

Thank you for your assistance on this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Arnold Schwarzenegger", written in a cursive style.

Arnold Schwarzenegger

/la