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Organization:	Motorola, Inc.
Project Name:	The San Francisco Bay Area Wireless Enhanced Broadband Project (BayWEB)
Project Type:	Comprehensive Community Infrastructure/Public Safety
State:	California
Federal Award:	\$50,593,551

ABOUT THE PROJECT

This public-private partnership led by **Motorola, Inc.** aims to deploy a 700 MHz interoperable wireless public safety broadband network and a public access wireless broadband network in the greater San Francisco Bay Area. Examples of advanced public safety applications to be enabled by the network include real-time mobile video for field officers; geolocation information about damage, dangers, hazardous materials, road conditions, and personnel and vehicle location; immediate Amber Alert file transfers; and virtual command centers to support emergency evacuations. The Bay Area Regional Interoperability Communications System (BayRICS) will manage quality-of-service, access, interoperability, policy, and system management issues for the public safety network.

BayWEB also proposes to:

- Deploy broadband services at 200 existing public safety sites that will support almost 50,000 public safety users and over 500 public safety facilities with speeds of up to 6.5 Mbps. The coverage area for this network encompasses nearly 2.5 million households.
- Serve as a demonstration project for national implementation of 700 MHz interoperable public safety wireless broadband networks.
- Offer wholesale wireless capacity to Internet service providers in the Bay Area. Seven small business wireless Internet service providers (WISPs) have already signed on to utilize this system to provide service to community anchor institutions, businesses, and end users.
- Facilitate more affordable and accessible broadband service for up to 2.5 million households and 186,000 businesses by enabling local Internet service providers to utilize the project's open network.

ORGANIZATION'S HISTORY

Motorola has provided advanced communications equipment for the public and private sectors for over 80 years, including the fields of public safety, enterprise networking, mobile computing, 4G broadband and high definition video. It has considerable experience in the deployment of public safety wireless access networks, including operating the Palmetto public safety network in South Carolina and the Starcom public safety network in Illinois.

PROJECT PARTNERS

- Northern California Regional Intelligence Center
- Skyline Broadband Service
- Alameda County Sheriff's Office
- Bay Area Regional Interoperability Communications System
- Cal DSL
- Surfnet Communications
- Internet Free Planet
- 101Netlink
- JAB Wireless
- airCloud Communications

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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