Broadband USA Applications Database

Applicant Name: PAXIO, INC.

Project Title: East Bay Empowerment

Project Type: Sustainable Broadband Adoption

Executive Summary

The East Bay Empowerment action shall provide an innovative community focused program that generates increased adoption of high speed broadband, creates new sustainable jobs, improves education, enhances job creation, demonstrates next generation inclusion of broadband throughout the community, and bridges the digital divide for those individuals without means or access. From our existing operational base in the San Francisco Bay Area, PAXIO has chosen the East Bay area given the needs of the community and the opportunities to enhance broadband adoption and integration in a sustainable solution. Our East Bay Empowerment action is innovative and consists of programs to bridge the digital divide, create jobs, enhance public safety, improve education, and improve quality of life. PAXIO’s East Bay Empowerment action shall improve broadband awareness through community based programs that will generate immediate and long lasting results; the incorporation of multiple market areas and integration of community anchor institutions shall demonstrate a successful public-private partnership. Our open access network delivers inclusive connectivity to ends users with ultra high speed broadband services integrated with community and public safety. East Bay Empowerment is a model of how broadband can improve the way we work, live and play. Our action area consists of downtown and West Oakland, Emeryville, and South Berkeley and East Bay Empowerment shall enhance broadband awareness to over 250,000 people and improve access to over 100,000 individuals. The action area has approximately 24,000 homes and 7,000 businesses as well as four community colleges and thirteen community anchor institutions. The diverse population of this area ranges from socially economically challenged individuals with no means or access to technology or broadband up to advanced bio technology firms. This diversity creates the significant opportunity that East Bay Empowerment will leverage for success. Our innovative plan utilizes the EmmeryConnect, Bridging the Digital Divide, Fiber-IN Business, and Open Education programs to establish an interactive and supportive community that is sustainable, long term, empowering, and effective. Together the four overlapping programs within East Bay Empowerment shall deliver a host of value and meet and exceed BTOP statutory purposes as well as enhance other government programs and create and expand job growth in the area. 1) Job Creation: PAXIO shall directly create 17 new jobs and this program shall indirectly create 40 jobs. Furthermore, by empowering businesses in the enterprise and redevelopment zones of Emeryville and Oakland this action shall induce an estimated 161 new job years. 2) Public Safety: PAXIO will deliver a public safety network for use by Police, Fire, and public services. This network will link the municipal buildings with a private network at ultra high speeds to provide enhanced capacity and improved efficiencies for safety and city staff throughout Emeryville. 3) Education: Ultra high speed connections shall be provided for each student, elementary, secondary, or college from their home to their institution. Students and
education centers gain access to new applications, better communication, and more resources. This happens for every student, as equipment and connectivity are provided to underserved residents to eliminate any digital divide. 4) Community Wireless ' PAXIO's open access network provides the infrastructure for city wide wireless. This wireless includes next generation capacity and ultra high speed access for end users to privately connect to their home, office, school, or community institution. 5) Open Opportunities ' By bridging the digital divide for the underserved and socially economically disadvantaged, we include a previously disenfranchised population. Giving individuals the opportunity and support they need to become active and productive members of our new economy. 6) Enhanced Business Environment ' Ubiquitous ultra high speed broadband throughout the area encourages business growth from within and from outside. Open access and direct connectivity to over 200 service providers makes every business 'On-Net' for every provider. Likewise, business expansion across the street or across town happens with seamless and effective broadband infrastructure. 7) Community Anchor Institutions ' Greater bandwidth and ultra high speed broadband provide anchor institutions enhanced capacity for delivering services and connecting with the community. This enables the public safety wireless and community enrichment wireless projects as well as next generation solutions. 8) Green Impact ' The superior broadband capacity will take more cars off the road by promoting easier telecommuting, teleconferencing, big-bandwidth VPN capabilities, time-shifted commuting. This infrastructure will truly enable residents to work from home. 9) Community Development ' The open access network provides a foundation for future innovation and economic development. Immediately improving the marketability of business parks, commercial space, and residential developments over neighboring communities. This public-private partnership establishes a balanced approach with individual programs that directly and indirectly support each other and collectively enable long term sustainability, growth, and empowerment of this entire region. We shall end the digital divide between communities with wealth and access to high speed broadband service and those without. We shall empower end users with broadband access to home, work, education, and community services. We shall enable education to reach new levels and positively impact more individuals. We shall demonstrate the value of an integrated community with ubiquitous ultra high speed broadband improving public safety with Police, Fire, and public services. We shall showcase the value of open access fiber optic networks for homes, businesses, and communities. PAXIO has existing operations in the East Bay with active customers since 2004. Our history and success in the area is the strong foundation the East Bay Empowerment action is built upon. This innovative program will increase job creation, enhance public safety, improve education, encourage community spirit, expand economic development, empower the underserved and increase the quality of life.