



**Broadband Non-Infrastructure Application
Submission to NTIA – Public Computer Centers**

Submitted Date: 3/13/2010 1:05:51 AM	Easygrants ID: 6545
Funding Opportunity: Public Computer Centers	Applicant Organization: EL PASO, CITY OF
Task: Submit Application - Public Computer Centers	Applicant Name: Ms. Carol A Brey-Casiano

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A. General Application Information

1. Applicant Information	
Name and Federal ID for Applicant	
DUNS Number	058873019
CCR # (CAGE)	3XVY1
Legal Business Name	EL PASO, CITY OF
Point of Contact (POC)	DEBRA TOMBOSKY 9155414843 Ext. tomboskydr@elpasotexas.gov
Alternate POC	FRANK KETON 9155414548 Ext. ketonfw@elpasotexas.gov
Electronic Business POC	CARMEN ARRIETA CANDELARIA 9155414293 Ext. Arrietacx@elpasotexas.gov
Alternate Electronic Business POC	CARMEN ARRIETA CANDELARIA 9155414293 Ext. Arrietacx@elpasotexas.gov

2. Name and Contact Information of Person to be Contacted on Matters Involving this Application:	
Prefix	Ms.
First Name	Carol
Middle Name	A
Last Name	Brey-Casiano



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Suffix	
Telephone Number	915-543-5406
Fax Number	
Email	breycx@elpasotexas.gov
Title	Director of Libraries

3. Additional Contact Information of Person to be Contacted on Matters Involving this Application:

Project Role	Name	Phone	Email
Secondary Point of Contact	Ms. Nora , Rayas	9155435485	rayasna@elpasotexas.gov

4. Other Required Identification Numbers

Easygrants ID	6545
Funding Opportunity Number	500000
Catalog of Federal Domestic Assistance Number	BTOP CFDA Number: 11.557 BTOP CFDA Title: Broadband Technology Opportunities Program

5. Organization Classification

Type of Organization	City or Township Government
Is the organization a small business?	No
Does the organization meet the definition of a socially and economically disadvantaged small business concern?	No

6. Authorized Organizational Representative



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AOR	ARRIETA, CARMEN
Result	Applicant Authorized

7. Project Title and Project Description

Project Title: The Virtual Village: Digital El Paso’s Pathway to Success

Project Description: The Virtual Village project will leverage community partnerships established through the Digital El Paso collaborative to build a technologically stronger future. This project will more than double the number of Public Computer Centers in El Paso City and County—greatly expanding the range of resources available and blanketing the low-income neighborhoods that are most vulnerable.

8. Other Applications

Is this application being submitted in coordination with any other application being submitted during this round of funding?

➤ Yes

Easygrants ID	Project Title
5998	Digital El Paso City Expansion

If YES, please explain any synergies and/or dependencies between this project and any other applications. The City of El Paso will submit both the Virtual Village project (PCC) grant and the Digital El Paso City Expansion Comprehensive Community Infrastructure (CCI) grant. These combined community efforts, vision and voice, will provide the synergy needed to enhance Broadband Technology Opportunities in El Paso City and County.

The Virtual Village project includes adequate connectivity to provide free broadband wired access technology for the public at all 98 Public Computer Centers (PCC’s). The City’s CCI application will provide the middle mile infrastructure to enhance connectivity at several of the proposed PCC locations, along with other anchor institutions throughout the community. This includes El Paso Community College locations, public safety facilities, Housing Authority complexes, and select PCC Centers.



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Funding of the Digital El Paso City Expansion CCI grant will ensure perpetual connectivity for all partners. This increased bandwidth will allow us to build on and enhance the connectivity that is already planned for the Virtual Village project. This will also allow the Virtual Village partners to provide more computers for residents to use, more wireless access points, faster response times, and more services that require increased bandwidth—such as access to online databases, online video, and online classes. In addition, connectivity will be more reliable over time, resulting in less down time for the PCC’s.

Funding of the Digital El Paso City Expansion CCI grant will also allow the collaboration to develop high capacity sites strategically located throughout the City of El Paso that will serve not only the anchor institutions targeted today but allow for a point of presence (POP) where other future sites can be connected. This will allow for more underserved citizens and community members to be served by the infrastructure we are putting in today. This strategic design in which the new infrastructure can be leveraged by the entire community will help to provide resources needed to raise literacy rates, education levels, and ultimately the long term quality of life along the border.

9. Is the Applicant exempt from the Department of Commerce requirements regarding individual background screening in connection with any award resulting from this Application?

- Yes, Applicant is exempt because it is a unit of a state or local government

If the answer to the above question is "No," please identify each key individual associated with the Applicant who would be required to complete Form CD-346, "Applicant for Funding Assistance," in connection with any award resulting from this Application:

Name	Title	Employer

B. Executive Summary, Project Purpose and Benefits

Essay Question



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10. Executive Summary of the proposed project:

Problem Statement: The El Paso City/County region faces great challenges because of its high levels of poverty — as high as 60 percent below the Federal Poverty Line in some areas. There is also a vast shortage of computer resources for a majority of El Paso City and County residents, with a 2009 Digital El Paso survey showing that only 35% of households have high-speed access to the Internet, compared to 61.7% nationwide (Texas Borderlands: Frontier of the Future, University of Texas – El Paso, February 2009). The community’s poor technology resources are directly linked to the region’s lack of financial resources, educational attainment, job access, health disparities, and quality, affordable housing.

Partners in the Virtual Village project currently provide only 912 computers at 43 locations to serve a population of 742,062 people. This lack of computers results in long waits for users to access the computer resources they need to improve their lives. In addition, many of the computers at these existing centers are too old to run current software or to support reliable, high-speed connections to the Internet.

Contributing to this lack of computer and educational resources is the fact that El Paso has consistently been ranked last or next to last in the America’s Most Literate Cities Study conducted by Dr. John Miller of Central Connecticut State University (www.ccsu.edu/amlc09). 2009 City data indicates over 30% of adults living in El Paso City and County lack a high school diploma (www.city-data.com). Our region also lacks training in computer software and equipment that would be of great benefit to computer users, including 1) the latest word processing software; 2) resume-writing software and job-search resources; 3) adaptive technology for the disabled; 4) consumer health resources, including nutrition education and health care resources for children and families; 5) small business resources, and 6) educational, e-government and social networking resources.

Approach to Addressing the Need: The Virtual Village project will leverage community partnerships established through the Digital El Paso collaborative, a community-wide partnership involving non-profits, educational institutions, community-based organizations, civic and business leaders--uniting their resources and energy to build a technologically stronger future. In 2008, the Texas Association of Government Information Technology Managers recognized Digital El Paso for its innovative and bold approaches to digital inclusion efforts.



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Building on Digital El Paso’s success, the Virtual Village Project will more than double the number of Public Computer Centers to 98 Centers with 1667 new or replacement computers—greatly expanding the range of computer center resources available to all El Pasoans and blanketing the low-income neighborhoods that are most vulnerable. Our model was devised with adaptability and replication in mind, to make it sustainable and successful. The goal of this project is to help urban and rural community residents, including persons with disabilities, to enter the Pathway to Success Pyramid at any point and access the resources they need (see graphic in Supplemental Attachments.)

- **Literacy/Basic Skills**--Residents will attend free classes in Computer and Internet basics to gain the necessary skill sets to search for jobs, take online classes, complete homework assignments, engage in social networking, obtain government information and services, and access health/wellness information. Classes will also be offered in English-as-a-Second-Language, GED preparation, and Citizenship.
- **Employment Skills**--Public Computer Centers will be heavily used for on-line career counseling and testing, on-line job searches, to complete on-line job applications, write and post resumes, and gain interviewing skills.
- **Higher Education**—Residents will be encouraged to pursue their education with the help of grant partners.
- **Technological Advancement**--Families will receive training and information skills to access essential life-skill websites such as Casey Life Skills, <http://www.caseylifeskills.org/index.htm> which provides skills for career planning, daily living, work life and social relationships.
- **Small Business Resources**--Small business owners will use the Public Computer Centers in the community to access business resources, such as those available at the One-Stop Centers. Small Business Centers created in Public Library facilities will expand available resources to include Business Plan software and assistance from SCORE.

Partners: The Virtual Village project will build on an existing broad mix of educational and service agency partnerships, able to begin project activities immediately by using our existing PCC’s and employing current training resources.

- **El Paso Public Library (EPPL):** 12 Public Computer Centers will acquire 49 new computers, 297 replacement computers, and a new Bookmobile equipped with 10 laptops to operate in the County.



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- El Paso Parks & Recreation Department – Recreation & Senior Centers (EPPR): 24 new Public Computer Centers will be created providing 188 new computers for use by and training in low-income neighborhoods served by these centers.
- El Paso Public Health Department – WIC Centers (WIC): 16 WIC Centers (Women, Infants and Children) will acquire 27 new computers to provide access to health resources for women and their children including CHIP/Medicaid and other City/County social service agencies.
- Boys and Girls Clubs of El Paso: will receive 35 computers for 3 computer centers, providing access to computer training and internet use for all child and youth Club members, and adults residing in communities served by the Clubs.
- Centro de Salud Familiar La Fe (La Fe): La Fe will purchase new computers and replace those no longer functioning properly in their five Computer and Learning Labs. La Fe will also update equipment for their Microsoft Academy, Multimedia Academy, Photography Lab, Video editing and Production Studios.
- El Paso Community College (EPCC): will provide in-kind support for computer training efforts, as well as access to computer labs in five EPCC libraries.
- Housing Authority, City of El Paso (HACEP): 12 Public Computer Centers at housing sites will receive new computers and updated software.
- Paso del Norte Children’s Development Center (PDNCDC): will provide support for children with disabilities and their families from PDNCDC’s one Public Computer Center.
- People Skills, Inc.: will operate a mobile Public Computer Center equipped with 15 laptop computers and wireless service, in rural areas of El Paso County.
- Volar Center for Independent Living (Volar): will replace 25 computers in its Center; will acquire 15 new stations and update software and assistive technology for persons with all types of disabilities.
- Workforce Solutions Upper Rio Grande (URG): Provides Work in Texas registration, job search resources and referrals to clients at 15 centers in the El Paso City and County. URG also operates 3 centers in outlying areas with services to Brewster, Culberson, Hudspeth, Jeff Davis, and Presidio counties.
- Ysleta del Sur Pueblo (Ysleta): The Tigua/IBM Technology Center will acquire 10 new computers and collaborate with (URG).

Other contributing and supporting partners include the City Information Technology (IT) Department, El Paso Area Libraries Consortium (EPAL), Digital El Paso, Diocesan Migrant & Refugee Services, Inc., and two Independent School Districts (El Paso and Socorro).



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Area(s) to be served/Population Demographics: The Virtual Village project will serve El Paso City and County, a combined population that is expected to increase to 850,000 by 2012 through the expansion of Ft. Bliss. El Paso has a per capita income of just \$17,786 (2009 City Data)—compared to the national per capita income of \$40,208 and the Texas per capita Income of \$37,774 (Bureau of Business & Economic Research, UNM, 2008 / bber@unm.edu). By greatly expanding the number of computers available to the community and aggressively marketing the training services, we propose to increase the number of potential computer-use sessions from the current 1.5 million per year to 3 million per year by the end of the grant period.

Qualifications of the Applicant: The City has received more than \$33 million in ARRA funding plus nearly \$350 million in federal grant funds during the last five years. When combined with the project partners, collectively we have received nearly \$700 million in federal grants of similar scope, indicating we are well able to administer this project.

Jobs to be created –

Direct jobs: 91 FTE

Indirect jobs: 58 FTE

Induced jobs: 33 FTE

Overall cost of the proposed project – \$12,931,882 (\$8,397,006 Grant Funds / \$4,534,876 = 35.1% Match)

11. Project purpose:

Problem Addressed: The El Paso City/County region lacks the infrastructure and training to support a technology-based economy. Without access to and training in technology, our community will continue to struggle to accrue stability and wealth, and the digital divide--that gap between those with effective access to, and knowledge of how to use, digital and information technology and those with little or no access or knowledge--will continue to widen.

Solution, Significance, Replication: The Virtual Village project addresses this divide by forming wide-ranging partnerships to create PCC's that blanket low-income neighborhoods and service our most vulnerable populations. The number of computer centers will double to 98, providing 1667 computers for our population. Hours of operation will also increase, including nights and weekends.



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These computer centers will accomplish three BTOP statutory purposes:

2. Provide improved broadband access to consumers in underserved areas.
3. Provide broadband education, awareness, training, access, equipment, and support to community anchor institutions, job-creating strategic facilities, and vulnerable populations.
- 5: Stimulate the demand for broadband, economic growth, and job creation.

The Virtual Village Pathway to Success project model offers learning opportunities that meet the needs of our community and are culturally and linguistically appropriate. We will achieve this by utilizing:

- 1) Computers purchased or upgraded through grant funds and partner budgets;
- 2) Standardized and specialized software and high-speed broadband for Internet access;
- 3) Curriculum designed to improve skill sets such as: a) basic computer use and Internet classes; b) personal advancement resources such as ESL, GED, citizenship, job opportunities, consumer health and small business classes; and c) social networking and training in video production and voice, data and video communications;
- 4) Bilingual Internet and classroom instruction provided by partner staff, and
- 5) Volunteers and staff hired through grant funds.

Our Virtual Village Pathway to Success project emphasizes a holistic approach to learning and training and permits our urban and rural community residents, including persons with disabilities, to enter the Pathway to Success Pyramid at any point and access the resources they need (see attached graphic.) Making up the foundation of our Pyramid is literacy and basic skills, which include computer, ESL, GED, citizenship, and consumer health classes--including nutrition education classes such as prenatal/pediatric nutrition and public health services in the community.

Workforce development is the next tier of programs and services and includes: 1) career counseling and re-focus, 2) career and educational testing, 3) job searching and preparation, equipping the individual with employable skills, and 4) the submission of online job applications. Tier three refers to higher education, encouraging participants to move to formal education when they feel they are ready. Tier four provides advanced training, allowing participants to become adept at using productivity software as well as voice, video and data communications that in turn will become the basis of family social networking and distance learning. Information, education and resources for existing and future small businesses, e-businesses, and entrepreneurs, included in tier five, will also be offered at each of our centers, in



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order to create a regional consumer culture that promotes innovation, commercialization and globalization. All of these programs and services will utilize adaptive technology, meaning our disabled population will no longer have to drive the extra mile to get to the next center to find adequate equipment.

The general lack of access to the Internet and other computer resources is compounded by a lack of transportation in the poorest sections of El Paso, making it difficult for many residents to travel to EPPL facilities and other locations that offer access to computers. These problems are particularly challenging for residents living in the 78 colonias within the El Paso region, described as “unincorporated, irregular rural settlements that have inadequate water, sewer and improved roads.”

Our long term goal is to create a Virtual Village that will become an extension of our physical facilities to bring access and resources to everyone, everywhere, anytime. A new Bookmobile equipped with 10 laptops will serve as a “mobile” Public Computer Center, as will a second mobile unit operated by People Skills that will travel to available classroom or other remote sites.

Project success is guaranteed by our increased partner base and types of training offered; which is why we call it the Virtual Village: Digital El Paso’s Pathway to Success. Our Virtual Village project model can be replicated elsewhere and shaped to conform to changes in trends and to the adoption of new technologies. It is this broad reach and its adaptability to changes in technologies and trends that makes it innovative, while its proven methodology and curriculum approach makes it effective and sustainable. Partnerships and training offerings have been in existence for over 10 years. Given this strong base, we could start many of our proposed activities immediately while new computers are purchased and connectivity is improved.

Unserved, Underserved Areas -- The Virtual Village project: increases broadband access for the 65% of households that do not currently have access to the Internet, by doubling the number of PCC’s and adding or upgrading computers; provides mobile broadband access to Colonias and rural areas with little or no current access; and strengthens service and access in underserved areas of the City and County. All this will occur in the fourth poorest large county in the nation (DCJobSource.com).

12. Recovery Act and Other Governmental Collaboration:



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The City of El Paso has received \$33,716,333.00 in American Recovery and Reinvestment Act of 2009 (ARRA) funds to date, for projects ranging from an Emergency Shelter Grant/ Homeless Prevention to Promotion of the Arts to construction of bus shelters.

Recognizing that the BTOP program advances the objectives of the Recovery Act to spur job creation and stimulate long-term economic growth and opportunity, the Virtual Village project will contribute to the effectiveness of project funds already received by the City of El Paso. For example, the City’s Community Development Department has received ARRA funds for a variety of projects, including two that will be enhanced by the proposed Virtual Village project:

1. Project Arriba received \$100,000 to provide workforce training to unemployed, underemployed and dislocated workers in hard to fill positions in industries (health care, education, information technology) with job vacancies. ARRA Funds will provide participants with: a) training in specific careers; b) a living wage of at least \$11.50 an hour; and c) careers in El Paso—which will ultimately benefit the entire community. Participants would benefit from the Virtual Village project by being able to access technology to write a resume or increase their computer skills.
2. Homeless Prevention and Rapid Rehousing (\$3,492,976) – Homeless individuals and those who risk losing their homes will be able to visit PCC’S to use the Internet, e-government, and other computer resources that will help them find housing assistance, access to a wide variety of social service agencies, and other resources to improve their quality of life.

The Community Development Department is part of the City’s Quality of Life Departments Portfolio, which also includes Virtual Village grant partners: the El Paso Public Library (EPPL), the El Paso Parks and Recreation Department, and the El Paso Department of Public Health. These City Departments work closely to improve the quality of life in the City of El Paso and the Region.

EPPL also has a partnership in place with Sun Metro, the City bus system, which has received ARRA funds for bus shelters. In 2008-09, the Main Library served as the central bus terminal while the new downtown bus terminal was being constructed. Many of the bus riders began a relationship with EPPL at that time by acquiring new library cards and making use of library services, and that relationship still continues. In addition, bus passes are sold at all EPPL locations.

13. Technology Strategy:



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The Virtual Village project is shovel ready, with adequate connectivity to provide free broadband wired access technology for the public at all 98 Centers. The City's four year plan for the installation of fiber optic technology will immensely improve connectivity at several of the proposed PCC's while funding of the City's CCI grant will ensure perpetual and more expedient connectivity for all partners.

Wireless technology will be available at PCC's sponsored by La Fe, HACEP, and The City of El Paso (EPPL & EPPR) using 802.11g/n technology standards. Three mobile wireless units—two Bookmobiles operated by EPPL and a mobile unit operated by People Skills will bring wireless broadband access to the underserved, rural and colonia areas.

Development of a county-wide PCC network will build on the substantial networking infrastructure already in place, which includes: VLANs technology (Virtual Local Area Networks), Firewall: ASA 5505, Switch: Cisco Catalyst 2960, 3550, 3560, 4506, DWDM, MPLS, VRF, VRF Lite, & Access Point: Aironet 1140.

Equipment will be Cisco: Wireless Local Area Network Controllers and Fixed Wireless Access Points (AP). The Controller will work as the router and distributor of the Internet connection and will track and secure wireless usage. The AP will be used to distribute the Internet connection to all computers with wireless connectivity and will work with the City's Internet. Security measures will be implemented by segmenting away unauthorized users from the City's core network through VLANs, MPLS, VRF and access-list technology. See Diagram.

EPPL will expand wireless technology for its proposed Bookmobile and the People Skills mobile unit to include the following technology: Verizon broadband wireless service plans and air cards (Verizon UM150VW), wireless laptops (Latitude 5500) and printers (HP H470wbt), carts with charging bays (LAP30EULFR-GM 30-Unit) for laptops, and AdHoc, a peer-to-peer communication, for printing capabilities.

A network buildout at our Public Health clinics and Parks & Rec Community/Senior centers will include a separate Internet connection for all locations not currently running on the City's switched fiber network. Those that have separate Internet connections will use the Cisco ASA firewalls and 2960 switches. The ASAs will provide security to the PCs by use of the enterprise-level firewall technology but seamlessly allow authorized patrons full access to the Internet. Sites on the City's fiber network will use the City's Internet connection and be segmented by



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VLANs, VRFs, and tunneling technologies. Those not currently on fiber will use AT&T broadband Internet service plans.

Nine more computer labs will be created at HACEP. They are currently “standalone” labs sharing a leased T-1 line Internet connection with the management office using a 16-port switch behind the Internet Service Provider (ISP). Each center will use a Cisco ASA 5505 firewall. See diagram.

For all PCC’s we will acquire: Dell OptiPlex 960s with Logitech Webcams, HP printers models LaserJets CP2025dn, CP3525n, CM 2320nf MFP, P2055DN, P4015N, 5500N, Optoma EP1691 or EIKI LC-XB33 projectors and mounts, AirDesk projector stands and Buhl Industries 60x80 screen, or 8' motorized ceiling-mounted screens.

For La Fe’s specialized training, we will upgrade its equipment and install: Alienware Graphic computer ALX X58s, Apple Mac Pro Quad-cores, Lenovo IdeaPad S12-295954Us, ScanJet 7650N document scanners, Xerox Phaser 7760 DNs, Panasonic camera AG-HPX300s and tripods with controls, Epson GT-20000 flatbed scanners, Microboards 6-Drive Blu-ray HCL autoloaders, Autocue/QTV MSP12WARP 12", Smartboard 680s, New IP telephony equipment, New equipment for one of its MDFs; and this software: Snow Leopard aka OSx, Microsoft Office 2008 for MAC, Adobe Creative Suite 4 Master Edition (PC & MAC), Online Virtual Gallery / Digital Murals, Final Cut Studio 2 (MAC), Autodesk Maya (PC and MAC), Autodesk 3D Studio Max (PC), & Roxio Toast 10 Titanium for MAC.

Software and shareware we will include at all PCC’s is: MS WIN 7 w SA, Microsoft Office Ultimate 2007 w SA, Mavis Beacon Teaches Typing Platinum 20, WinWay Resume Deluxe 12.X, Ultimate Vocabulary 2009, Adobe Acrobat Reader 9.X and other.

An accessibility station system that accommodates a broad range of physical disabilities will be installed. Its components are: Kurzweil 3000, ELO Touch Screen Monitor M1928L, Large-print keyboard, Ergodex keyboard, Kensington Trackball, Evolvent vertical mouse, Sip & Puff mouse, Magnisight CCTV MSEL22, Index Basic D. Embosser, SARA™ (Scanning and Reading Appliance), Virtually Indestructible Keyboard and mouse, Headpointer, and Typing Aid; and Jaws for Windows, Duxbury Translation, Zoomtext 9.18 Magnifier Reader, Reach Interface Author 4, Dragon NaturallySpeaking, ipTTY, Microsoft Forefront.



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To provide a user friendly and safe computing environment we will use the following technology: Kernel-level software technology to completely restore all settings, files and programs to their original state every time a computer is restarted (Acronis True Image & DeepFreeze), Antivirus (Nero 9 Suite) & Spyware protection software, network segmentation using DWDM, VLANs, VRF/Lite, MPLS, access lists, and WAP tunneling technologies, and domain policies will be used to protect the public computers and carrier networks. HACEP will acquire a networked-based security system (Swann SWA43-D2C5) for all proposed PCC's. The security system will provide an added level security and safety for the PCC patrons and staff. Most City of El Paso sites are covered by video security systems.

Overall the partners involved will work together to leverage each other's networks to provide Internet access to residents, while minimizing the duplication of effort that would occur if done separately.

14. Public Availability:

Nearly all Public Computer Centers included in the Virtual Village project will be available, free-of-charge, to the general public. This includes the 12 Public Computer Centers and Bookmobiles (2) operated by El Paso Public Library (EPPL), as well as those Centers operated by the El Paso Parks and Recreation (EPPR-24), El Paso Community College (EPCC-5), Boys and Girls Clubs (3), Paso del Norte Children's Development Center (PDNCDC-1), Housing Authority-City of El Paso (HACEP-12), La Fe (5), People Skills (1 Mobile Unit), Volar Center for Independent Living (Volar-1), and Workforce Solutions Upper Rio Grande One Stop Career Centers (URG-15.)

Those Centers operated by the Department of Public Health (16) and the Ysleta del Sur Pueblo (1) serve special populations. Details on the hours that Public Computer Centers are open are included below:

- For EPPL, the Main Library is open 64 hours and 7 days a week, while Branches range from 37 – 47 open hours per week, and 5-6 days per week.
- EPPR Recreation Centers are open 6 days a week, and range from 40 – 70 hours of service, while the Senior Centers are open 5 days a week with 35 hours of service.
- Department of Public Health facilities will be available only for WIC/Dental participants and their families, due to the high volume of clients that are seen on a daily basis—ranging from 40 to 100 clients daily. These facilities are generally open 40 hours per week to include two Saturdays per month at all WIC centers.



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- Boys and Girls Club facilities are open Monday – Friday, 8:30 a.m – 3:00 p.m. to the general public; 3:00 – 8:00 p.m. to children and youth (club members; dues are \$4 per year.)
- EPCC Centers are located in the campus libraries at all five locations, and most are open 7 days a week, ranging from 58 to 68 hours per week.
- The 12 HACEP Centers will be located in housing complexes, and will be open to the general public although residents will have priority (those living in complexes or other HACEP housing.) These Centers will be open Monday – Saturday, 44 hours per week.
- Most of the 5 La Fe Centers will be open Monday – Friday, 8:00 a.m. – 5:00 p.m., but the Cultural and Technology Center will be open Monday -- Friday 8:00 a.m. – 7:00 p.m. and Saturday 9:00 a.m. – 1:00 p.m.
- PDNCDC is open to the general public, with first priority given to persons with disabilities. Hours are Monday – Friday, 8:00 a.m. – 5:00 p.m.
- URG One-Stop Centers are open Monday – Friday, 8-5 or 40 hours per week. The Northeast location has extended hours from 7-6 or 50 hours per week and the Lomaland site is open 7-6 M-F and Sat 9 -1 for a total of 54 hours per week. Some of the smaller satellite offices have shorter times of availability.
- The Volar Center will be open to the general public Monday-Saturday, 44 hours per week; its primary audience is the disability population.
- The Ysleta del Sur Pueblo Library and Tigua/IBM Technology Center is open Monday – Saturday, 57 hours per week.

15. Restrictions on Center Use:

The majority of the Public Computer Centers--including those operated by the El Paso Public Library, El Paso Parks and Recreation, Boys and Girls Clubs, El Paso Community College, Housing Authority – City of El Paso, La Fe, Paso del Norte Children’s Development Center, People Skills, Volar and Workforce Solutions Upper Rio Grande--are provided for the usage of the general public and do not have any significant restrictions.

Usage of the Department of Public Health Centers is restricted to the approximately 300,000 unduplicated WIC clients that visit these Centers for nutrition education, breastfeeding promotion and social/medical services referrals, dental services, and preventive service programs. Clients must be certified for the program by receiving one-on-one counseling or attending a nutrition class. Clients will have the opportunity to access other services, such as the Virtual Village resources, during their visits.



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The Ysleta del Sur Pueblo Library and Tigua/IBM Technology Center serves tribal community members to include spouses, descendants and immediate household members. The general public does have access to the URG One-Stop Career Center located at the Ysleta del Sur Pueblo.

16. Involvement of Community College:

El Paso Community College (EPCC) will be a full partner in the Virtual Village grant. Through its Information Technology Systems discipline, EPCC will be able to provide students and recent graduates as potential Lead Trainers and PT Computer Mentors paid by the grant. The Computer Mentors will participate in train-the-trainer training. They will facilitate basic computer skills classes throughout El Paso County at established Virtual Village Public Computer Centers. Mentors will be enrolled in or have an associates degree in Computer Science, Information Technology, Communications, or Education. This will provide for teachable moments for EPCC students since they will be working with the public.

EPCC will encourage Virtual Village participants to become EPCC Library community users, and EPCC Library computer labs will be available for community use—although no training programs will be held at these labs since that is not their primary function. This will allow community residents to visit the campus and potentially enroll as students. Once the Virtual Village Public Computer Centers have been established, EPCC will identify the need or review requests to offer Distance Education courses so community members may access Higher Education in their community.

EPCC will assist EPPL and other project partners in hiring the Project Manager by providing expertise from our staff in the selection process.

17. Is the applicant seeking a waiver of the Buy American provision pursuant to section x.Q of the NOFA?

- No

18. Is the applicant delinquent on any federal debt?

- No
- If Yes, justification for delinquency:



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19. Are you seeking a waiver of any requirement set forth in the NOFA that is not mandated by statute or applicable law?

- No

C. Partners

20. Are you partnering with any other key institutions, organizations, or other entities for this project?

- Yes

If YES, key partners are listed below:

<p>Project Role: Sub-recipient Name: Brey-Casiano, Carol Email: breycx@elpasotexas.gov Address 1: 501 North Oregon Address 2: Address 3: City: El Paso State: Texas Zip Code: 79901 Organization: El Paso Public Library Organization Type: City or Township Government Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient Name: Rodriquez, Joe Email: rodriguezji@elpasotexas.gov Address 1: 911 S. Ochoa Address 2: Address 3: City: El Paso State: Texas Zip Code: 79901 Organization: City of El Paso Parks and Recreation Department Organization Type: City or Township Government Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient Name: Amaya, Bertha</p>



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<p>Email: Bertha.A.Amaya@elpasotexas.gov Address 1: 5115 El Paso Drive Address 2: Address 3: City: El Paso State: Texas Zip Code: 79905 Organization: City of El Paso Department of Public Health Organization Type: City or Township Government Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient Name: Jaime, Jose Email: ajaime@bgcelpaso.org Address 1: 801 S. Florence Address 2: Address 3: City: El Paso State: Texas Zip Code: 79901 Organization: Boys and Girls Clubs of El Paso Organization Type: Non-profit Corporation Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient Name: Gonzales, Robert Email: robert.gonzales@lafe-ep.org Address 1: 1314 E. Yandell Address 2: Address 3: City: El Paso State: Texas Zip Code: 79902 Organization: Centro de Salud Familiar La Fe, Inc. Organization Type: Non-profit Corporation Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient Name: Farias, Jaime</p>



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<p>Email: jfarias@epcc.edu Address 1: P.O. Box 20500 Address 2: Address 3: City: El Paso State: Texas Zip Code: 79903 Organization: El Paso Community College Organization Type: State or State Agency Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient Name: Knudsen, Gary Email: gknudsen@hacep.org Address 1: 5300 E. Paisano Drive Address 2: Address 3: City: El Paso State: Texas Zip Code: 79905 Organization: Housing Authority of the City of El Paso Organization Type: Non-profit Corporation Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient Name: Barceleau, Jaime Email: Jaime.barceleau@pdnchildrens.org Address 1: 2512 Penwood Drive Address 2: Address 3: City: El Paso State: Texas Zip Code: 79902 Organization: Paso del Norte Children's Development Center Organization Type: Non-profit Corporation Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient Name: Castaneda, Ruben</p>



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<p>Email: [REDACTED] Address 1: 812 N. Virginia Address 2: Suite A Address 3: City: El Paso State: Texas Zip Code: 79902-5300 Organization: People Skills, INC Organization Type: Non-profit Corporation Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient Name: Reyes, Lorenzo Email: Lorenzo reyes@urgjobs.org Address 1: 221 N. Kansas Address 2: Suite 1000 Address 3: City: El Paso State: Texas Zip Code: 79901 Organization: Workforce Solutions Upper Rio Grande Organization Type: State or State Agency Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient Name: Chew, Luis Email: lechew@volarcil.org Address 1: 1220 Golden Key Circle Address 2: Address 3: City: El Paso State: Texas Zip Code: 79925-5825 Organization: Volar Center for Independent Living Organization Type: Non-profit Corporation Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient Name: Nunez, Luis</p>



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Email: lnunez@ydsp-nsn.gov
Address 1: 11100 Santos Sanchez
Address 2:
Address 3:
City: Socorro
State: Texas
Zip Code: 79927
Organization: Ysleta del Sur Pueblo
Organization Type: Indian Tribe
Small business: No
Socially and economically disadvantaged small business concern: No

21. Description of the involvement of the partners listed above in the project.

- El Paso Public Library (EPPL) will serve as the lead agency for the project, and will oversee technical aspects and coordinate implementation of the entire Virtual Village project. EPPL will make its 12 Public Computer Centers (PCC's) available to the general public, and operate two bookmobiles—one in the City and one in the County—equipped with computers to serve as mobile PCC's. EPPL will also work with other partners to reach out to all neighborhoods where PCC's exist--in accordance with the project Outreach Plan.
- El Paso Parks and Recreation Department (EPPR) will oversee their new PCC's and make them available to the general public. Users of Recreation and Senior Centers who have not had access to computers previously will now have access at the 24 PCC's throughout El Paso.
- El Paso Public Health Department WIC Program (WIC) will oversee their 16 public computer centers and make them available to the WIC population. Approximately 300,000 participants receive WIC services per year. WIC participants will have the opportunity to receive computer training and access to the internet, services that have not been previously available to them.
- Boys and Girls Clubs of El Paso (BGC) will operate PCC's in its three centers, serving the general public from 8:30 a.m. to 3:00 p.m. each day, and serving children and youth during its club hours of 3:00 – 8:00 p.m. each day. Children and youth who do not have access to computers after school will access them at these centers. BGC will publicize the expanded computer centers to all Club members, parents of Club members, and community residents, and will work with EPPL to conduct outreach efforts in accordance with the project Outreach Plan.
- Centro de Salud Familiar La Fe, Inc. (La Fe) will oversee operation of five PCC's, including two new ones. One will be an Internet Café called Café de La Vida, to be located at the



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C.A.R.E. (Community Advocacy, Research, and Education) Center. La Fe CARE is a specialized HIV/AIDS clinic, and serves as the southwest region's largest comprehensive HIV/AIDS services, treatment, and education center. The second new PCC will be located at the new Lisbon Center, which is currently under construction in central El Paso. This new center will provide classes and services such as GED, ESL, citizenship, computer literacy, financial literacy, and budgeting. Patients will also be able to use technology to access health-related information.

- El Paso Community College (EPCC) will oversee recruitment and training of the Lead Trainers and Computer Mentors for the Virtual Village project, and will make PCC's available at the libraries on all five EPCC campuses.
- Housing Authority of the City of El Paso (HACEP) – HACEP provides housing assistance to low and very low income families. Currently HACEP houses approximately 40,000 individuals and has another 20,000 on waiting lists, or approximately 7% of El Paso's population. Twelve Public Computer Centers strategically placed in resident communities will be upgraded to meet PCC standards to include projectors, furniture, and 184 computers. The general public, including our residents, will benefit from this effort--which represents the first step towards self sufficiency.
- Paso del Norte Children's Development Center (PDNCDC) – will provide access to its Assistive Technology Demonstration Lab for children with disabilities, their families and the general public. The Paso Del Norte Children's Development Center is dedicated to helping children with disabilities reach their fullest potential by providing comprehensive therapeutic, educational, and day care services.
- People Skills, Inc. will operate a mobile computer training unit throughout El Paso County, and will help to oversee training of Project Lead Trainers and Computer Mentors using the Digital El Paso Literacy curricula People Skills assisted in developing seven years ago.
- Upper Rio Grande Workforce Development (URG) operates 15 one-stop and satellite career centers in the City and County that offer Work in Texas registration, job search resources and employment referrals to the universal population and specialized program services to eligible clients. Three additional centers lie outside El Paso County, serving portions of West Texas. Additionally, Workforce Solutions has 1 ADA compliant workstation and assistive technology available at the following 8 centers: Alpine, Bassett, Westside, Northeast, Fabens, Lomaland, Norman Haley, and Presidio
- Volar Center for Independent Living (Volar) – Volar is an organization of and for people with disabilities, advocating human and civil rights, community options and empowering people to live the lives they choose. Volar is part of a network of nearly 600 Centers for Independent



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Living throughout the U.S., including 26 in the state of Texas, all providing four core services: Information and referral, Advocacy, Peer Counseling, and Independent Living Skills Training. Volar also provides Children’s Advocacy and School Transition, Social Security Benefits training, Housing services and Job Development training. For the Virtual Village project, Volar will provide access to its Public Computer Center for the general public, with first preference given to persons with disabilities—as well as Internet connectivity, technical staff and two trainers.

- Ysleta del Sur Pueblo will provide access to its Library and Tigua Technology Center for tribal families, and will facilitate training at the Technology Center shared with URG where residents will have access to Work in Texas registration, job search resources and employment referrals.

D. Congressional Districts

22. Applicant Headquarters

- Texas

23. Project Service States

Texas

24. Project Service Areas

Texas - 16

Texas - 23

25. Will any portion of your proposed project serve federally recognized tribal entities?

- Yes

26. Indicate each federally recognized tribal entity your proposed project will serve.

Ysleta del Sur Pueblo



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27. Have you consulted with each of the federally recognized tribal entities identified above?

- Yes

E. Demographics

Demographics

28. Will your proposed project be specifically directed to serve vulnerable population groups?

- Yes

If "Yes" which vulnerable population groups will your proposed project serve? Check as many as apply:

Hispanic

Black/African-American

Asian

Native American or Native Alaskan

English as Second Language (ESL)

Disabled

Low Income

Unemployed

Senior Citizen (55 and over)

Youth

Other:



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29. Vulnerable Populations

US Census Bureau 2008 estimates for El Paso County report racial and ethnic distributions as follows: 81.8% Hispanic/Latino, 13.7% Non-Hispanic/White, 3.6 % African American, 1.2% Asian and 1.2% two or more races. Other important demographic factors include: 1) a 9.2% County unemployment rate ; 2) more than 30,000 Mexican citizens seeking refuge in our county the last two years due to the Mexican drug cartels' ongoing war in our sister city of Juárez, Mexico ; and 3) the expected population growth of Fort Bliss during the next two years by almost 100,000 soldiers and family members due to Base Realignment and Closure (BRAC).

The Virtual Village project will serve these vulnerable populations through the collaborative efforts of its partners, dedicated to leveraging technology. With El Paso County's location on the border with Mexico, we anticipate that a large number of Virtual Village project participants will be of Hispanic/Latino ethnicity. There will be more participants seeking employment information, and many soldiers and their spouses requiring increased access to the Internet for communication, job readiness, job searches, and cultural preservation.

The Virtual Village partners are prepared to meet this challenge by increasing the number of PCC's, increasing Internet access, and providing needed training. Their individual mission statements already specify affirmative steps to serving the different vulnerable populations. The vulnerable populations served by each partner are noted below:

- EPPL: Serves Hispanic, Black/African American, Asian, Native American, ESL, Disabled, Low Income, Unemployed, Senior Citizen, Youth, Homeless, Veterans
- EPPR: Serves Low Income, Hispanic, Black/African American, ESL, Disabled, Senior Citizens, At-risk Youth and Veterans.
- WIC: Serves Woman, Infants and Children of Low-income, Hispanic and Single Parent/Teen Parent.
- Boys & Girls Clubs: Serve At-Risk Youth, Low Income, Hispanic, Black/African American.
- La Fe: Serves Hispanic, Low Income, Senior Citizens, Youth, Disabled, ESL, and At-Risk Single Parent Household.
- EPCC: Serves Hispanic, Black/African American, ESL, Disabled, Low Income, Unemployed, Veterans
- HACEP: Serves Low Income, Hispanic, Black/African American, ESL, Disabled, Senior Citizen, Youth, At-Risk Single Parent Households, and Veterans.



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- PDNCDC: Serves Low Income, Disabled, Youth
- People Skills, Inc.: Serves Hispanic, ESL, Low Income, Unemployed, Senior Citizens.
- URG: Serves Hispanic, Black/African American, Asian, Native American, ESL, Disabled, Low Income, Unemployed, Senior Citizen, Youth, Homeless, Veterans
- Volar : Serves Disabled, Low Income, Senior Citizen, Youth, Veterans.
- Ysleta: Serves Native American, Youth, Senior Citizen, Unemployed, Low Income

30. Accessibility

Virtual Village project partners will work in unison to provide accommodations and resources for community members with disabilities at strategically located computing centers. The City of El Paso, through compliance with ADA Guidelines, strives to incorporate measures for adaptation and accessibility at all of its public facilities. These include, but are not limited to: accessible parking; clear paths of travel to and throughout the facility; entrances with adequate, clear openings or automatic doors; handrails, ramps and elevators; adjustable tables and lowered public service desks, and accessible public conveniences such as restrooms, drinking fountains, and TTYs.

In addition, all partners acknowledge that they must ensure equitable access to, and participation in the proposed project. The proposed project will address this requirement in the following manner:

- Project participants will be recruited without regard to race, gender, national origin, color, or disability.
- Project materials and training will be available in English, Spanish, Braille and large print to address any barriers to participation that might be encountered due to limited English-speaking proficiency or visual impairments.
- Project staff, volunteers, and mentors will undergo special diversity training to ensure they are sensitive to issues presented by this requirement
- Reasonable accommodations as defined by the Americans with Disabilities Act (ADA) will be made for project participants with disabilities such as American Sign Language.

This project will also expand the use of adaptive technology and services that target disabilities such as hearing, mobility, visual and learning impairments. Our services will include: 1) access to on-site assistive equipment and software at strategic locations across the City, including 6 Library locations and 5 Recreation Center locations; 2) training; 3) assessment support service to clarify the needs of individuals who require accessibility and/or assistive technology; 4)



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identification of potential resources and strategies, and 5) assistance with the establishment and development of a local multi-agency assessment team.

Planned technology for the adaptive technology workstations includes:

- For persons with visual impairments: software that scans and reads text in different languages, and includes magnification and Braille output. An easy-to-use Braille printer will also be included.
- For persons who have difficulty using a keyboard or mouse: the adaptive technology workstations will include a “big keys” keyboard and trackball instead of a mouse;
- For the deaf and hearing impaired: Telephone Typewriter (TTY) and video phones will be provided.
- Closed circuit tele-viewers are planned that enlarge written and printed materials.

31. Other Languages

The Virtual Village project is a multicultural (English/Spanish) program that will provide for the general population of El Paso County with 81.8% of area residents identifying themselves as Hispanic/Latino followed by 13.7% as White, Non-Hispanic. Our past experience indicates that hardware and software assets need to be complimented by a culturally appropriate technology curriculum delivered by culturally aware mentors. Mentors deliver the curriculum in the participant’s first language, be it English or Spanish.

When participants’ instruction is needed in languages other than English or Spanish, appropriate instructors from local service providers, educational institutions or Fort Bliss will be located to assist. Sign language interpretation will also be available to all Virtual Village partners as needed.

The curriculum will make use of the Goodwill Industries’ free on-line, bilingual, self-paced tutorial website for basic and advanced computer skills. Many of the Virtual Village partners participated in a previous grant program through El Paso’s Community Network, which was the number one partner on the GCF Learn Free site and trained over 3,000 area residents. The material is written at an elementary school level with English/Spanish handouts for participants. Only the instructor requires a manual, keeping the cost low by not requiring student copies. This program has proven successful for the Goodwill Industries, the El Paso Community Network, El Paso Public Library, Centro de Salud Familiar La Fe, People Skills INC and El Paso Community College.



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Outreach

32. Public Computing Centers Outreach

The success of the Virtual Village project hinges on reaching the community we seek to serve. To do this we will focus our promotional efforts on media that our target group patronizes. We will also utilize the reach of our collaborative partners which, combined, already serve a large sector of our target audience. Public Computer Centers (PCC's) at college campuses, libraries, community and senior centers, subsidized housing locations and all other locations will follow a well-organized, consistent and thorough awareness campaign designed to meet 3 key objectives:

- Recruit Participants
- Recruit Mentors and Volunteers
- Manage Feedback.

Based on findings from existing studies such as the Pew Internet and American Life project, the following methods will be used to educate the public and create awareness of the Virtual Village project:

- Posters in English, Spanish - Posters will be placed in partner facilities reaching hundreds of thousands of people in the target group.
- Program brochures (English, Spanish) – 20,000 brochures will be distributed in areas that have been identified as having low broadband adoption.
- Press releases and media events - Publicity through the El Paso Times (circulation 60,000) and the Diario de El Paso (circulation 20,000) will reach many in the target audience.
- Public Service Announcements (PSAs) - Radio and Television spots can potentially reach 80% of the target population.
- Online ads and sign-up forms - Virtual Village participants will stay engaged through online outreach
- Outreach to potential mentors, advocates and volunteers – Posters will be placed at local institutions of higher learning, partner offices and businesses to reach an estimated 100,000 people.
- E-mail and newsletters - Government officials, family members and others that have a vested interest in developing broadband services to marginalized communities will be targeted.
- Local information fairs and shows – Health, literacy and other specialty “fairs” will reach as many as 25,000 people in the target group.



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These methods will have the following potential reach:

- All people in El Paso with access to television and radio;
- All PCC customers;
- Business owners and operators;
- High school and college students;
- Job seekers; and
- Urban and rural residential areas throughout the county.

Follow-up data will be gathered to assure plan effectiveness including:

- Maintain a database of constituents and follow-up with email and newsletter correspondence.
- Training logs, trainer and training evaluation forms, offline and online surveys and independent evaluations.

By pooling their resources, the project partners will offer the residents of El Paso County a one-stop shop of computer and Internet services and will work together to inform their various patrons of the availability of those services.

33. How many total users do you expect to generate through the use of BTOP funds at your public computer center(s)?

➤

Training and Education

34. Peripherals and equipment

This project will standardize software, hardware and peripherals as much as possible, including specialized software and hardware for community residents needing this assistance. Each Public Computer Center will be equipped with additional computers to meet increased demand, access to high-speed broadband and the Internet, and peripherals.

Broadband equipment selection for the Virtual Village project will include PCs and laptops that come with on-board (LOM) Intel Gigabit LAN 10/100/1000 Ethernet cards for wired connections as well as Intel Wireless certified 802.11n compatibility cards. In addition they will



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come with blue tooth technology, webcams and Internet microphones, while laptops will have them integrated.

The peripherals for this project include 19” monitors with integrated soundbars, internal CD & DVD burners, keyboards, optical mice, high-volume, network, color printers with 5-year service plans, wireless flatbed scanners, and surge protectors.

To address accessibility, the most cost-effective turn-key solution to serve the broadest demographic of special-needs is the Accessibility Station System which includes: a wireless PC, 24-inch LCD flat screen monitor, a Hewlett-Packard scanner and printer, a large print keyboard, a large ball trackball, and a desktop gooseneck microphone. Custom integration of appropriate software is provided and is described under Workstation Software of this application.

35. Workstation software

Software functionality is critical to the operation of the Virtual Village Public Computer Centers. Besides functionality, software was selected for its usability, security, ease of maintenance, and cost-effectiveness. Volume, site or enterprise licensing, shareware and software assurance were factored in the selection criteria to guarantee savings. The software selected meets all the criteria described above:

- Windows 7 & Snow Leopard (for Macintosh) as the systems software;
- OEM software for those partners who don't own enterprise licensing;
- Office 2007 Professional & Office 2008 for MAC Business,
- CD/DVD burning software,
- Typing, resume writing, vocabulary building, photo and video editing, and drill and practice, tutorial, multimedia and other educational software,
- And Plato Learning as the application software;
- McAfee will be the utility software;
- DeepFreeze and Acronis as data backup and recovery software for computer ghosting and restoration;
- Shareware to include Mozilla Firefox;
- Video game and Web Publishing software;
- Open source software for social networking and civic engagement;
- Jaws for Windows,
- Duxbury Translation Software,
- Zoomtext 9.18 Magnifier Reader,



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- Reach Interface Author 4,
- Dragon NaturallySpeaking Professional version 10,
- ipTTY by AccessPhone,
- Extreme Reader XR 10-E,
- And MS Forefront for ADA workstations.

36. Training and education programs

The Virtual Village project will provide comprehensive classes in basic computer skills, GED, Citizenship, E-government, English-as-a-Second Language (ESL), as well as information on small and disadvantaged business resources, financial literacy, and health and family wellness in a bilingual curricula format to reach as many area residents as possible. The contractors selected will provide the modules described below to complete the project.

Project Manager – will ensure training requirements and professional development activities, evaluations, assessment, observations and evaluations are accomplished. The Project Manager will coordinate with grant partners, Public Computer Centers and Lead Trainers to execute the goals of the grant. The Project Manager should possess a Bachelor’s Degree in Business Administration, Organizational Management, Information Technology, or a similar field, and have at least one year experience with managing similar projects.

Lead Trainers(5 in Year 1; 8 in Years 2/3) – will adapt the curriculum as needed for Center needs, and ensure quality and consistency in the work of the Computer Mentors. The Lead Trainers will provide course assessment, observation, follow-up and will submit evaluations related to this project. The Lead Trainers should possess a minimum of an Associate’s degree in Computer Science, Information Technology, Communication, Accounting, or Education—with a Bachelor’s degree preferred. Lead Trainers should also have at least one year experience in computer training. Lead Trainers must possess excellent oral and written communication skills, and it is preferred that they be bilingual in English/Spanish. Lead Trainers must be able to connect with the target audience and provide their own transportation.

Computer Mentors – We estimate that over the lifetime of the grant 150 Computer Mentors will participate in train-the-trainer certification training. These Computer Mentors will then be ready to facilitate basic computer skills classes throughout El Paso County at established Virtual Village Public Computer Centers. Mentors should have at least one year of college in any of the following disciplines: Computer Science, Information Technology, Communication,



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Education—with an Associate’s degree preferred. It is preferred that Mentors are bilingual in English/Spanish and that they possess excellent oral and written communication skills. Mentors must be able to connect with the target audience and provide their own transportation.

Curriculum Content and Presentation:

Literacy/Basic Skills Training – El Paso Community College, La Fe, El Paso Area Libraries Consortium and People Skills, Inc., have been successful in using the Digital El Paso Literacy curricula developed seven years ago; therefore, these curricula will become an integral part of project training. Other programs to be used are the Proyecto Inicia fair housing curriculum and the Goodwill Industries GCFLearnFree.org online self-paced tutorials. Examples of subjects covered include introduction to computers; introduction to Internet searching; and securing an email account. The Project Manger will work with the Lead Trainers to develop appropriate lesson plans as needed. These basic computer skills programs and introduction to the Internet have proven to be effective with the low-educated, monolingual Spanish population we have served in the past. A lesson learned from previous trainings is that we must level the curricula to a primary education level with some adults.

Employment Skills Training – Mentors will introduce and provide access to resume writing software acquired by the grant. Career counselors will provide instruction on online job searching, electronic applications, and on using videoconferencing technology such as video telephony. The computer skill sets employers look for in potential applicants are word processing, e-mail, and MS/PowerPoint, MS/Excel skills. Texasworkforce.org is a state website that assists employers in searching for potential employees, who register for work and other benefits. Participants will be given instruction on: 1) how to use this e-government site, and 2) how to submit an electronic resume via the Internet and post resumes on electronic boards.

Technological Advancement – This module describes social networking through technological advancement of the community. Training will include research and information through independent access to the Internet from home or from other Public Computer Centers. Participants will also learn how to search for health and wellness information using trusted and accurate sources.

Small Business Resources – Training modules in this tier will be designed to help Small and Disadvantaged business owners by providing information, education and resources such as



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accounting software training, small business development, financial literacy, and e-commerce. El Paso is the only border community designated as an Empowerment Zone, which qualifies small business owners for financial resources that can be accessed over the Internet. Public Computer Centers will serve as Small Business resource centers.

Higher Education – Participants in the Virtual Village project will be encouraged to pursue higher education through course offerings by partner El Paso Community College as well as other higher education institutions in the area—such as University of Texas – El Paso, University of Phoenix, or New Mexico State University. El Paso Community College will also provide ongoing opportunities for participants to continue their education at Public Computer Centers across the City and County.

37. If you are providing educational or training programs, how many people in total will these programs reach on an annual basis?

- 60000

38. How many hours of training will be provided to each participant?

- 12

39. How many Full Time Employee (FTE) instructors or facilitators will you employ for these courses?

- 85

F. Project Budget

40. Project Budget	
Federal Grant Request	\$8,397,006
Total Match Amount	\$4,534,876
Total Budget	\$12,931,882
Match Percent	35.1%

41. Projects Outside Recommended Funding Range:



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42. Sustainability:

Our well-established partner base is the key to long-term sustainability of the Virtual Village project. These community anchor organizations have the expertise and resources to keep the Public Computer Centers in operation long after the grant is over. Our Sustainability Plan includes the following elements.

- A) **Public Computer Centers:** Our Virtual Village project will increase the number of PCC's in El Paso County from 43 to 98. The centers are located in established facilities and will continue to be operated by our partners just as they were during the grant period. Personnel and facility maintenance costs are included in their annual operating budgets. Ongoing bookmobile costs will be part of the EPPL operating budget.
- B) **Hardware, software, and accessory upgrades:** Our partners will use their existing budgets and pursue external funding for equipment and software upgrades. All are well established organizations and have foundation, business, individual and other funding sources familiar with their programs that can provide for this need.
- C) **Training:** Because of our train-the trainer model, partner staff and volunteers will be knowledgeable and capable of perpetuating the training efficiently, at the lowest possible cost.
- D) **Applicant Funding for Operational Expenses:** The LAN Technicians and a Project Manager hired during the grant period to ensure grant funding was used as intended and all programs were conducted as planned will no longer be needed.
- E) **Continued Community Benefits and Support:** The community will have increased access to the Internet because the PCC's will be nearer their homes and work places. As they become more computer and Internet literate they may purchase their own computers and have 24X7 access to our partner's online resources, such as online databases, online GED preparation resources, and the online EPPL catalog.

Everyone wins with our Virtual Village project: The single mom who lived 40 minutes from the nearest computing center will now have access to one that is located within walking distance; the college student who is better prepared for the realities of the world of work and has a better



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chance of being hired; the dishwasher who opens a small business after finding a one-stop shop for entrepreneurial development; the visually impaired patron can continue reading his book using adaptive technology; the student writing a term paper who benefits from the wealth of knowledge in print and online resources found at the centers; the farm worker who just completed an ESL class and is attending GED and Citizenship classes; and the borderline diabetic patient who learns more about diabetes and is prepared to change lifestyles. Even more important are strengthened community ties, empowerment of the individual, and bridging the digital divide between the haves and have-nots.

43. Matching Funds	
Applicant is providing matching funds of at least 20% towards the total eligible project costs?	Yes
Describe the matching contributions	<p>The matching contribution of each of the Virtual Village partners is described below. The majority of matching contributions for this project will be in-kind match, and all contributions meet all applicable federal guidelines and standard accounting practices.</p> <ul style="list-style-type: none"> • El Paso Public Library will provide a match value of \$1,376,454. This in-kind contribution represent rentable floor space costs; the value of computer equipment; staff salaries and fringe benefits for those staff who monitor, supervise and coordinate the Library’s computer labs; and circuit leases. The Library will receive replacement equipment for its current Public Computer Centers, as well as a new bookmobile to serve as a mobile unit in El Paso County. • City of El Paso Parks and Recreation Department will provide a match value of \$2,057,374 which is 20% of the total annual cost for the rent/lease, utilities, communications (including T-1 and DSL), janitorial, security and other building related costs at all centers. This in-kind contribution represents 1/3 of salaries from our regular staff, spent in monitoring, supervising and coordinating the new computer areas. Users of the new Parks and Recreation Centers will have full access to the Internet and other computer resources which they did not have before.



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	<ul style="list-style-type: none"> • The City of El Paso Department of Public Health (WIC) will provide approximately \$45,581.34 of in-kind contributions, consisting of building space, utilities and indirect costs associated to the department. • Boys and Girls Clubs of El Paso will provide a matching contribution of in-kind resources valued at \$39,908 meeting at least 20% of the overall value of resources received from this grant. These resources include staff time devoted to the project, value of building space where computer centers are located, utility costs, and insurance costs. The contributor will receive high speed internet access and additional computers for three of its computer centers, providing internet and other computer technology access to the public. • Centro de Salud Familiar La Fe, Inc. will provide a matching contribution of in-kind resources valued at \$284,400 meeting at least 20% of the overall value of resources received from this grant. These resources represent circuit leases for each Center. The contributor will receive additional computers and equipment for its five computer centers, providing internet and other computer technology access to the public. • El Paso Community College will provide a matching contribution of \$46,000, representing the value of support services. • The Housing Authority of the City of El Paso (HACEP) commits to accomplishing its match for this grant through \$217,724 in-kind funding. HACEP’s contribution will consist of appropriate space including all utilities, and existing computer furniture. The in-kind match provides the space out in the under/unserved communities to best launch targeted programs. while there is no direct benefit to the Housing Authority, there is direct benefit to the residents of HACEP due to increased access to computer resources • Paso Del Norte Children’s Development Center commits to accomplishing its match through access to its Assistive Technology Demonstration Lab, with a match value of \$29,331. This in-kind contribution represents the space and usage of the computer resource centers and labs. • People Skills, INC will provide a \$63,280 in-kind match,
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	<p>representing the fair market value of space and usage of the community centers/classrooms being donated for project use.</p> <ul style="list-style-type: none"> • Workforce Solutions Upper Rio Grande--match value is \$321,553 which is 20% of the total annual cost to us for the rent/lease, utilities, communications (including T-1 and DSL), janitorial, security and other building related costs at all our centers. This in-kind contribution represents the space and usage of the computer resource centers and labs at our career centers. • Volar Center for Independent Living will provide an in-kind match value of \$53,799. Volar CIL currently provides Independent living Skills training to El Paso's disability population, and included in that training are classes for Computer Literacy. This in-kind contribution represents rentable space and the services of two trainers. • Ysleta del Sur Pueblo--in-kind match value is \$13,680. This in-kind contribution represents the total cost for space and usage of the Library and Technology Center, over a three-year period.
Unjust enrichment	The City of El Paso has not applied for any federal support for non-recurring costs in relation to the Public Computer Centers grant.
Disclosure of federal and/or state funding sources	<p>The City of El Paso has received federal or state funding in relation to this project in only two areas:</p> <p>Loan Star Libraries (direct aid to the El Paso Public Library from the Texas State Libraries and Archives Commission) – \$115,008 annually, of which only \$50,000 is spent on computers and technology.</p> <p>Universal Service Fund (USF) – El Paso Public Library (EPPL) receives USF, or erate funds annually. For the past three years, EPPL has received funds as follows:</p> <p>2007 (Year 9) \$100,142.73 2008 (Year 10) \$96,837.94 2009 (Year 11) \$105, 696.75 (award pending)</p> <p>These funds serve as reimbursement for EPPL telecommunications expense as defined by USF.</p> <p>Telecommunications is defined as "the transmission, between or among points specified by the user, of information of the user's choosing, without change in the form or content of the information as</p>



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sent and received" [47 U.S.C. 153(43)].

44. Budget Narrative	
Budget narrative	<p>This budget narrative corresponds to document SF-424A and the following budget categories:</p> <p>Travel—Mileage in the amount of \$7,000 is budgeted for contractual staff, to travel to project sites throughout El Paso City/County.</p> <p>Equipment Costs-the City of El Paso has established standard specifications for all hardware and software to be used in the Public Computer Centers operated by our partners, for equipment costs totaling \$4,163,018.</p> <p>Supply Costs—We have requested \$240,799 in supply costs for printers, toner and paper to be used at the PCC's.</p> <p>Contractual Personnel-Grant funds in the amount of \$555,360 will be used to fund contractual personnel responsible for training, including the Project Manager, Lead Trainers, and Computer Mentors as described in our Training and Education Program. Grant funds totaling \$524,160 will also pay contractual technical support personnel, 4 PC LAN Specialists, who will be responsible for installing and troubleshooting all computer equipment, software and peripherals for the project partners. In addition, two Bookmobile personnel will be hired in Year 2 at a cost of \$133,120. Grant funds will also be dedicated to mileage for contractual personnel.</p> <p>Grant funds-Other-in the amount of \$250,000 will be used to purchase a Bookmobile that will be equipped with 10 laptop computers. This wireless Bookmobile will travel outside of the City limits to communities in the County and colonias that currently have no library facilities, in response to frequent requests that the El Paso Public Library receives for bookmobile and computer service.</p> <p>Funds have also been included in this category for the project Outreach Plan, in the amount of \$29,215; for general services in the amount of \$479,358; and for PCC furniture in the amount of \$142,297.</p>



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	<p>Budget Spending Plan</p> <p>Year 1</p> <ol style="list-style-type: none"> 1.Purchase program supplies and equipment to install in Public Computer Centers. 2.Retrofit existing Centers with new computers and software. 3.Upgrade connectivity as needed for 50% of new Centers. 4.Identify, recruit, and hire Project Manager, Technical Support personnel, Lead Trainers, and 50% of Computer Mentors. 5.Go Live at 50% of the new Public Computer Centers established. 6.Provide training for Computer Mentors. 7.Computer classes begin. 8.Develop specs for and order new Bookmobile. <p>Year 2</p> <ol style="list-style-type: none"> 1.Install any remaining equipment for Public Computer Centers. 2.Upgrade connectivity as needed for remaining new Centers 3.Go Live at remaining new Centers. 4.Identify, recruit, hire and train additional Computer Mentors (50%) and Bookmobile personnel. 5.Computer classes continue. 6.Bookmobile goes on the road. 7.Identify new and existing technical support issues <p>Year 3</p> <ol style="list-style-type: none"> 1.Execute solution for technical problems identified in Year 2. 2.Identify, recruit, hire and train additional Computer Mentors as needed; provide ongoing training for Computer Mentors. 3.Computer classes continue.
<p>Budget reasonableness</p>	<p>The costs for this budget are reasonable in terms of need, cost-effectiveness and expected numbers of individuals served, as described below.</p> <p>Need: Given that there are currently only 43 Public Computer Centers (PCC's) operated by the El Paso Public Library and its partners to serve the El Paso City/County region (population 742,062), the increased number of PCC's--to 98--will greatly increase the availability of computers to users. This is particularly important due to</p>



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	<p>the high levels of poverty in our community coupled with the lack of households with Internet access. This lack of PCC’s results in long waits for users to access the computer resources they need to improve their lives. In addition, many of the computers at these existing centers are too old to run current software or to support reliable, high-speed connections to the Internet.</p> <p>Cost-effectiveness: Technology staff from the City of El Paso worked with project partners to develop careful specifications for hardware, software, peripherals and adaptive technology. This ensured that all partners would be installing the same equipment at all sites, to ensure consistency of access to resources by the public. Connectivity standards were also established by the City staff to ensure that access speeds would be acceptable at all Centers. All costs were evaluated by the Director of Libraries and the Library Technology Manager, working with key partner staff, to ensure that the most cost-effective solutions were proposed for each site.</p> <p>Expected number of individuals served: Project partners currently provide approximately 1.5 million individual computer-use sessions per year. By adding 55 sites, we expect to double the number of individual computer-use sessions in the El Paso City/County region to 3 million per year by the end of the grant period.</p> <p>Eligibility: The project costs meet all of the Eligibility Factors included in this grant, in that the project will: 1) acquire broadband-related equipment, instrumentation, networking capability, hardware and software, and digital network technology; 2) develop and provide training, education, support and awareness programs for web-based resources; and 3) facilitate access to broadband services, including making Public Computer Centers accessible to persons with disabilities.</p> <p>Allocation of funds sufficient to complete tasks: Based on the experience that the City of El Paso, El Paso Public Library, and our</p>
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	grant partners have with allocation of funds for Public Computer Centers, we confirm that the grant funds requested and matching funds committed will be sufficient to complete all tasks outlined in the grant proposal.
Demonstration of need	<p>Demonstration of Financial Need According to the U.S. Census Bureau 2008 estimate, El Paso County has a population of 742,062, including the City of El Paso with an estimated population of 613,190. El Paso County is the 4th poorest county with populations over 250,000. El Paso’s high poverty level results in a tax base that is not adequate to fund a city of our size. We cannot implement this project without federal funding. El Paso is suffering in the current economic downturn and experienced a severe revenue shortfall in FY2008-09. This resulted in reduction of overall operations by nearly \$11 million. The declining economy and peso devaluation affected major revenue streams such as sales tax, development fees, parks and recreation fees, municipal court fines, international bridge revenues and interest revenue. This situation continued into FY2010, with FY 2009-2010 budget planning taking a very conservative approach. City Departments were given targets that were either at or below the FY 2008/2009 budget. A number of budget reductions were made to the FY 2009/10 Operating Budget, including the following that affected our project partners:</p> <ul style="list-style-type: none"> • Employee Salaries for the general workforce were frozen until the 4th quarter • The Public Health Department budget was reduced by 7.83% • El Paso Public Library budget was reduced by 7.9%. • El Paso Parks and Recreation budget was reduced by 4.6% • Finance and Management Support: City Attorney, City Manager, Mayor & Council, Financial Services, OMB, HR are expected to absorb even greater expenditure reductions.

45. Funds to States/Territories

States	Amount of Federal Grant Request
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Texas	8,397,006
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Funds to States/Territories Total: \$8,397,006

G. Historical Financials

46. Matching Funds			
	2007	2008	2009
Revenue	398,118,120	405,518,550	406,238,974
Expenditures	590,105,136	501,112,106	619,487,939
Net Assets	394,693,626	370,008,148	381,922,645
Change in Net Assets from Prior Year	-11,541,526	-24,685,478	11,914,497
Bond Rating (if applicable)	NA	NA	NA

H. Public Computer Center Summary

47. Jobs	
How many direct jobs-years will be created from this project?	91
How many indirect jobs will be created from this project?	58
How many jobs will be induced from this project?	33

48. Methodology used to estimate jobs:

This calculation is based on the U.S. government's definition of direct, indirect and induced jobs:

- Direct jobs, which are the job-years created in the actual government-sponsored project.
- Indirect jobs, which are the job-years created at suppliers who make the materials used in the project.
- Induced jobs, which are the job-years created elsewhere in the economy as increases in income from the direct government spending lead to additional increases in spending by workers and firms.



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We then used the following “Simple Rule for Estimating Job-Years Created by Government Spending”:

- \$92,000 of government spending creates 1 job-year
- 64% of the job-years represent direct and indirect effects
- 36% of the job-years are induced effects

We divided our total grant request by \$92,000 and arrived at the figures shown for direct, indirect and induced jobs.

49. Proposed # of Public Computer Centers	
Schools (k-12)	0
Libraries	14
Medical and Healthcare Providers	3
Public Safety Entities	0
Community Colleges	5
Public Housing	12
Other Institutions of Higher Education	0
Other Community Support Organization	10
Other Government Facilities	54

Total Proposed Public Computer Centers 98

Current Total Persons in Service Area 742062

50. Minority Serving Institutions	
Historically Black Colleges and Universities	0
Tribal Colleges and	0



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Universities	
Alaska Native Serving Institutions	0
Hispanic Serving Institutions	1
Native Hawaiian Serving Institutions	0
TOTAL MINORITY SERVING INSTITUTIONS	1

51. Weekly Usage Summary	
Total Current # of Persons Served per 120-hour Business Week	58917
Total Proposed # of Persons Served per 120-hour Business Week	108874
Total Current # of Persons Served per 48-hour Weekend	13019
Total Proposed # of Persons Served per 48-hour Weekend	21304

52. Broadband Workstation Summary	
Number of Current Workstations proposed to be upgraded	740
Total Current # of Broadband Workstations	912
Total Proposed # of Broadband Workstations	1667
Average Current Facility	11.90 Mbps



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Broadband Connection Speed	
Average Proposed Facility Broadband Connection Speed	16.30 Mbps

I. Project Readiness

53. Licenses and Regulatory Approvals

No Licenses and Regulatory Approvals are required for this project.

54. Organizational Readiness

The City of El Paso has extensive experience managing network access to more than 140 City facilities. In addition, the City has managed access to Library technology for 20 years, since the El Paso Public Library (EPPL) became a City Department in 1989. During that time, EPPL and City personnel have managed access to key EPPL resources including:

- Integrated Library System (ILS) (access to the EPPL on-line catalog since 1989)
- Access to electronic resources via database, on CD and on-line (since 1989)
- Access to the Internet, MS Office, and other learning resources via computer labs (since 2000)

Library Technology Manager Nora Rayas and Library Director Carol Brey-Casiano have worked with a small team of technicians to build EPPL's access to the Internet from a tiny network of 100 computers at 10 locations in the year 2000, to the current network of 400 public-access computers at 12 EPPL locations, now reaching nearly 600,000 users per year.

Most of EPPL's technology plan has been funded with grants and outside funding sources, including: Bill and Melinda Gates Foundation funding (1997, 2000, and 2005 -- \$268,716 total received to date); Community Networking grant (2002, \$200,000); Loan Star Libraries Direct State Aid (2002 – present, approximately \$352,097 received to date); and E-rate funding (2000 – present, approximately \$462,848.90 received to date.) EPPL's Integrated Library System (ILS) was funded through a bond issue in the year 2000, providing \$500,000 for new software and equipment. The implementation of this ILS was handled almost entirely by EPPL staff.

Another Community Networking grant totaling \$500,000 was administered by the El Paso Area Libraries consortium (EPAL), of which EPPL is a member. EPAL Director of Operations Ruben Castaneda (who is also the Director of project partner People Skills, Inc.) coordinated the training portion of that grant.



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The City of El Paso Financial Services Department maintains an excellent track record for managing all federal, state and foundation grants awarded the City. These include grants to the Community Development Department, public safety grants, and the aforementioned grants to the El Paso Public Library. The City has received \$349,850,921 in federal awards over the past five years, and is responsible for ensuring that adequate internal controls are in place to comply with applicable laws, regulations, contracts and grants related to those programs. The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the City of El Paso for its Comprehensive Annual Financial Report for the fiscal year ended August 31, 2007. This was the tenth consecutive year that the City has achieved this prestigious award.

55. Project Timeline and Challenges

Year 1: 1st Quarter-a) Recruit Project Manager; b) Recruit and train 10 Lead Trainers; c) Recruit and train 75 Computer Mentors in Basic Skills Module; d) Purchase program supplies and equipment to install Public Computer Centers (PCC's); e) Train team members on use of Assistive Technology; f) Establish class schedules through site surveys

2nd Quarter-a) Retrofit existing centers with new computers and software-Phase 1; b) Initiate installation of new PCC connectivity-Phase 2; c) Finalize class schedules; d) Curriculum module development and expansion Tier II; e) Promote availability of new centers

- Go Live, implement Basic Computer Skills training module, Tier I at Phase 1 PCC's

3rd Quarter-a) Continue Basic Computer Skills training module, existing PCC's; b) Go Live, implement ESL and GED modules, Tier I at Phase 1 PCC's; c) Identify new and existing technical support issues; d) Train Community Mentors in Tier II modules-Employment Skills, On-line Job Search, Applications, Resume, and Interviewing skills

4th Quarter-a) Go Live Tier II training modules-Employment Skills at Phase 1 PCC's; b) Recruit and train 75 additional mentors for Year 2 expansion; c) Conduct internal survey of staff and curricula; d) Project evaluation, review performance to date, identify technical support issues

- Present outcomes and results to project partners

Year 2: 1st Quarter-a) Go Live Tier I at Phase 2 PCC's; b) Identify partners for sustainability; c) Curriculum module development Tier III, IV & V; d) Execute technical support resolutions from year 1

2nd Quarter-a) Initiate year 1 follow-up survey of tier I, Phase 1 participants; b) Internal survey of staff and curricula; c) Continue Tier I & II training modules with identified adjustments; d) Go Live Tier III & IV



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3rd Quarter-a)Promote Small Business Resource center availability;b)Perform Mid-Project evaluation;c)Go Live, Small Business Resource Tier V

4th Quarter-a)Finalize staffing and mentors for year 3;b)End of project year 2 review;c)Identify new and existing technical support issues from year 2;d)Continue expanded curriculum for Tier I, II, III, IV, & V;e)Present outcome and results to project stakeholders

Year 3:1st Quarter--a)Execute solution for any technical problems identified in Year 2, 4th Quarter;b)Continue expanded curriculum for Tier I, II, III, IV, & V;c)Continue to identify partners for sustainability;

2nd Quarter-a)Conduct 2nd year follow up participant survey;b)Conduct internal survey of staff and curricula;c)Identify sustainability and outside resources

3rd Quarter-a)Develop plans for project-related programs and services beyond grant period;b)Conduct project assessment of established centers with corresponding training program and confirm alignment with the Virtual Village vision.

4th Quarter-a)Conduct Year 3 review;b)Perform Year 1,2, 3 end of project review;c)Provide outcome and results from year 3;d)Provide outcome and results from year 1,2, and 3 to stakeholders;e)Transition program to sustainability

56. SPIN Number

J. Environmental Questionnaire

57. Does this PCC application have construction or ground disturbing activities?

No

If no, please answer the questions below. If yes, please do not answer the questions below and instead proceed to the next page to answer the expanded environmental questionnaire.

58. Does the proposed action involve the procurement of materials? If so, will the materials be installed, stored or operated in an existing building or structure? If yes, please click "Add" to include the list of equipment and peripherals to be procured.

Yes



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Materials to be purchased include new computer hardware and software as described within the Technology Strategy section of this proposal.

59. Does the proposed action involve procurement of electronic equipment? If yes, will the equipment be disposed of in an environmentally sound manner at the end of its useful life?

Yes

60. Does the proposed action involve construction, remodeling, or renovation? If so, will these activities be limited to only minor interior renovations to a structure, facility, or installation? If yes, click "Add" to include a description of the proposed renovations with your project summary.

Yes

The project may involve minor interior renovations during the installation of the new computer hardware. However, these renovations, if any, are expected to be minor in scale. There are no other planned construction activities as part of this proposal.

61. Does the proposed action involve the production and/or distribution of informational materials, brochures, or newsletter?

Yes

62. Does the proposed action involve training, teaching, or meeting facilitation at an existing facility or structure? If yes, click "Add" to explain.

Yes

This project makes facilities available to end users for access to the internet and associated features for educational, training, and social networking opportunities. The proposal includes education and job training for end users at the facilities where the proposed hardware is to be installed.

63. Does the proposed action involve ground or surface disturbance to accommodate new fiber optic cable? If yes, please click "Add" to include a description of the extent of service upgrade, a list of the permits required, and linear footage of underground fiber optic cabling required.

No



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64. Does the proposed action involve an upgrade of broadband service to an existing facility or structure? If yes, please include a description of the extent of service upgrade, a list of the permits required, and linear footage of underground fiber optic cabling required?

Yes

Please refer to the Technology Strategy section of this proposal for a listing of the proposed broadband upgrade.

K. Environmental Questionnaire – Part 2

65. Project Description

66. Property Changes

67. Buildings

68. Wetlands

69. Critical Habitats

70. Floodplain

71. Protected Land



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72. Coastal Area

73. Brownfield



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Uploads

The following pages contain the following uploads provided by the applicant:

Upload Name	File Name	Uploaded By	Uploaded Date
Management Team Resumes and Organization Chart	Library Technology Manager Resume.doc	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	2010 Resume-Jack Galindo--Library Marketing Coord.pdf	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	Ivonne Jimenez--Deputy Library Director.pdf	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	Joe Rodriguez Resume--Parks and Recreation.pdf	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	Carol Brey-Casiano Library Director.pdf	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	2010 Resume-Jose Arturo Jaime--Boys and Girls Clubs Director.pdf	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	2010 Resume-Isaac Hernandez--Boys and Girls Clubs.pdf	Brey-Casiano, Carol	03/12/2010



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Management Team Resumes and Organization Chart	2010 Resume-Jaime Daniel Farias--EPCC.pdf	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	Gary Knudsen Resume--HACEP.pdf	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	2010 Resume-Francisco Torres, III--HACEP.pdf	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	2010 Resume FrederickGromand-PDNCDC.pdf	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	Resume Ruben Castaneda--People Skills.pdf	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	2010 Resume-Sabrina Campbell--URG.pdf	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	Caroline M Kalman--URG.pdf	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	Resume Luis E Chew--VOLAR.pdf	Brey-Casiano, Carol	03/12/2010



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Management Team Resumes and Organization Chart	LuisNunezResume Ysleta del Sur.pdf	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	Antonio Santos--La Fe.pdf	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	Ron Graham Resume--City IT.pdf	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	Edward Ozogar Resume City IT.pdf	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	2010 Resume--Dr. Larry Brown Grant Reviewer.pdf	Brey-Casiano, Carol	03/12/2010
Management Team Resumes and Organization Chart	Org Chart PCC grant new.pdf	Brey-Casiano, Carol	03/12/2010
Government and Key Partnerships	EPPL Letter of Commitment.pdf	Brey-Casiano, Carol	03/12/2010
Government and Key Partnerships	Parks & Rec Letter of Cmt. 2010.pdf	Brey-Casiano, Carol	03/12/2010



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Government and Key Partnerships	EPCC_Letter_of_Commitment 2010.pdf	Brey-Casiano, Carol	03/12/2010
Government and Key Partnerships	La Fe Letter of Commiment2010.pdf	Brey-Casiano, Carol	03/12/2010
Government and Key Partnerships	HACEP letter of commitment.pdf	Brey-Casiano, Carol	03/12/2010
Government and Key Partnerships	PDNCDC Commitment.pdf	Brey-Casiano, Carol	03/12/2010
Government and Key Partnerships	People Skills letter of commitment.pdf	Brey-Casiano, Carol	03/12/2010
Government and Key Partnerships	Upper Rio Grande PCC commitment letter.pdf	Brey-Casiano, Carol	03/12/2010
Government and Key Partnerships	Letter of Commitment VOLAR 2-10.pdf	Brey-Casiano, Carol	03/12/2010
Government and Key Partnerships	WIC--Public Health letter of commitment 2010.pdf	Brey-Casiano, Carol	03/12/2010
Government and Key Partnerships	Letter of commitment - Ysleta del Sur.pdf	Brey-Casiano, Carol	03/12/2010
Government and Key Partnerships	EPAL letter of support.pdf	Brey-Casiano, Carol	03/12/2010



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Government and Key Partnerships	EPISD letter of support.pdf	Brey-Casiano, Carol	03/12/2010
Government and Key Partnerships	SISD Support letter - BTOP 2.pdf	Brey-Casiano, Carol	03/12/2010
Government and Key Partnerships	Letter of Support DMRS.pdf	Brey-Casiano, Carol	03/12/2010
Government and Key Partnerships	Boys and Girls Letter of Commitment.pdf	Brey-Casiano, Carol	03/12/2010
Historical Financial Statements	FY09 Comprehensive Annual Financial Reports.pdf	Brey-Casiano, Carol	03/12/2010
Historical Financial Statements	Comprehensive Annual Fin Report-Aug 2008.pdf	Brey-Casiano, Carol	03/12/2010
Public Center Detail	ALL_ORGANIZATIONS_PCC_Details_FINAL REV.xls	Brey-Casiano, Carol	03/12/2010
Detailed Budget	PCC Detailed Budget Attachment FINAL.xls	Brey-Casiano, Carol	03/13/2010
BTOP Certifications	BTOP Authentication & Certification 3-10-10.pdf	Brey-Casiano, Carol	03/12/2010
SF424 Budget (A or C)	PCCSF-424Budget.pdf	Brey-Casiano, Carol	03/13/2010



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SF424 B and D Assurances	Assurances BTOP 2nd Round 3-12-10.pdf	Brey-Casiano, Carol	03/12/2010
Supplemental Information	Technology Strategy FINAL.doc	Brey-Casiano, Carol	03/13/2010
Supplemental Information	PCC Pathway to Success Pyramid.pdf	Brey-Casiano, Carol	03/13/2010
Supplemental Information	PCC Detailed Budget Format.docx	Brey-Casiano, Carol	03/13/2010