



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

<b>Submitted Date:</b> 3/15/2010 12:55:49 PM	<b>Easygrants ID:</b> 5159
<b>Funding Opportunity:</b> Public Computer Centers	<b>Applicant Organization:</b> EDUCATION, COLORADO BOARD OF
<b>Task:</b> Submit Application - Public Computer Centers	<b>Applicant Name:</b> Ms. Sharon Morris

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### A. General Application Information

Applicant Information	
Name and Federal ID for Applicant	
<b>DUNS Number</b>	187406538
<b>CCR # (CAGE)</b>	363Y6
<b>Legal Business Name</b>	EDUCATION, COLORADO BOARD OF
<b>Point of Contact (POC)</b>	DAVE GRIER 3038666801 Ext. grier_d@cde.state.co.us
<b>Alternate POC</b>	DAVE GRIER 3038666801 Ext. grier_d@cde.state.co.us
<b>Electronic Business POC</b>	DAVE GRIER 3038666801 Ext. grier_d@cde.state.co.us
<b>Alternate Electronic Business POC</b>	Yafa NAPADENSKY 3038666798 Ext. napadensky_Y@cde.state.co.us

Name and Contact Information of Person to be Contacted on Matters Involving this Application:	
<b>Prefix</b>	Ms.
<b>First Name</b>	Sharon
<b>Middle Name</b>	
<b>Last Name</b>	Morris



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<b>Suffix</b>	
<b>Telephone Number</b>	303-866-6730
<b>Fax Number</b>	
<b>Email</b>	Morris_S@cde.state.co.us
<b>Title</b>	Director of Library Development

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

Project Role	Name	Phone	Email
Other Contact	Ms. Melissa , Carlson	3038666910	carlson_m@cde.state.co.us
Secondary Point of Contact	Mr. Eugene , Hainer	3038666733	hainer_g@cde.state.co.us
Other Contact	Ms. Jean , Heilig	3038666731	Heilig_J@cde.state.co.us

**Other Required Identification Numbers**

<b>Easygrants ID</b>	5159
<b>Funding Opportunity Number</b>	500000
<b>Catalog of Federal Domestic Assistance Number</b>	<b>BTOP CFDA Number:</b> 11.557 <b>BTOP CFDA Title:</b> Broadband Technology Opportunities Program

**Organization Classification**

<b>Type of Organization</b>	State or State Agency
<b>Is the organization a small business?</b>	No
<b>Does the organization meet the definition of a socially and</b>	No



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<b>economically disadvantaged small business concern?</b>	
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<b>Authorized Organizational Representative</b>	
<b>AOR</b>	GRIER, DAVE
<b>Result</b>	Applicant Authorized

**Project Title and Project Description**

**Project Title:** Bridging Colorado’s Great Digital Divide

**Project Description:** The Colorado State Library has partnered with Native American tribes and its neediest libraries to enhance public computer access at 76 locations in low-income, diverse and underserved areas. The CSL has partnered with community organizations and state agencies to meet major programmatic needs in computer/Internet skills training, education, workforce development and access for the disabled.

**Other Applications**

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

- No

<b>Easygrants ID</b>	<b>Project Title</b>

If YES, please explain any synergies and/or dependencies between this project and any other applications.

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



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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:

<b>Name</b>	<b>Title</b>	<b>Employer</b>

## **B. Executive Summary, Project Purpose and Benefits**

### **Essay Question**

#### **Executive Summary of the proposed project:**

#### **Bridging Colorado's Great Digital Divide**

The PCs and training programs provided by Bridging Colorado's Great Digital Divide will empower vulnerable populations with the opportunities provided by broadband access. In Colorado's poor rural and urban areas, public computer access is severely limited and the high demand for programs/services is unmet. 100% of the existing public computer centers in this project report that their patrons experience waits for Internet access. Our project will address the needs of vulnerable populations for PCC access by replacing out-of-date computers 4 or more years old, expanding computer lab capacity, and provide training.

#### **Project Approach**

The key components of Bridging Colorado's Great Digital Divide are increased computers, training, partnerships, public awareness, and evaluation. We will expand public Internet access, awareness and training in 76 PCCs including 62 public libraries, 2 Ute Tribal facilities, 5 school library/public library combined facilities, and 7 library-run PCCs in rural communities. The 76 PCCs are run by 49 library organizations.

43% of PCCs included in this project serve underserved areas with an estimated broadband penetration of less than 40%, due to their impoverished and rural locations. Overall, 70 of 76



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PCCs are in locations with below the national average of 63.5% broadband penetration. 20.6% of the citizens served by this project (versus a 15.4% national average) are Hispanic. Overall, Colorado ranks highest in the nation in high school dropout rates and lowest in high school-to-college attendance. These trends are especially alarming among our state's black and Hispanic populations. Furthermore, our project serves many disabled who lack public Internet access that suits their handicaps.

The key components of the CSL approach are:

1. Expand public computer capacity to meet need: Our project requests 451 desktops, 692 laptops, 69 Americans with Disabilities Act compliant workstations, and other equipment for PCC use. We are utilizing a mix of desktop computers and wheeled laptop carts. Local libraries have selected the solution that best meets local needs. Wheeled laptop carts provide the flexibility to augment computer capacity within libraries themselves and also enable training in the community at a manageable cost. Furthermore, ADA equipment makes computers and training more accessible to the 86,827 sensory disabled and 169,740 physically disabled living in project service areas.
2. Train library staff: A recent focus group of library trainers conducted by CSL revealed that large numbers of at-risk populations are showing up for computer classes with little or no computer skills. Our project team will train library staff to teach basic computer skills, as well as Word, Excel and other technology to promote computer proficiency and broadband adoption. We will also train staff on leveraging laptop carts to offer training at other community institutions. Program partners will also train library staff to teach courses on jobs skills development, health care, and other topics of interest to library patrons.
3. Public awareness to engage Colorado citizens: In order to reach the underserved communities targeted by this grant, CSL will develop a statewide public awareness campaign and distribute collateral for local implementation. This campaign will promote broadband adoption and PCC use to vulnerable populations. To determine impact of the outreach, Library Research Services will conduct both input and outcome- based evaluation.
4. Deliver training programs to PCC patrons: Libraries have agreed to partner with local bodies such as community colleges, schools, Chambers of Commerce, senior centers, and others to deliver training. Libraries will also organize classes in conjunction with statewide training



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partners. The wheeled laptop carts will provide flexibility to bring training to community centers where vulnerable population groups congregate.

Training and programs will be focused on five core goals:

- Address broadband use gap through computer/Internet skills training from library staff, local and state partners as well as utilizing mobile carts to engage with vulnerable populations throughout each community.
- Increasing minority and rural access to higher education by partnering with College in Colorado and local partners to deliver training on college admissions and financial aid resources, and collaborating with community colleges to reach targeted populations.
- Increasing adult education levels by engaging with workforce development, State Adult Education and Family Literacy, and Colorado GED to deliver services through public computers and training.
- Increasing access to jobs databases and career development resources by partnering with Colorado Workforce Development to provide workforce training and support. Each library will provide access to jobs databases, computer skills training, professional education and other relevant local resources.
- Providing computer center access to disabled persons by deploying ADA-recommended workstations, and collaborating with the Rocky Mountain Disability and Business Technical Assistance Center to train library staff on how to engage with and serve disabled and elderly citizens.

#### Service Area Demographics

These libraries serve approximately 2.5 million people, about 52% of the state's population. Many of these are vulnerable populations who cannot afford broadband at home and rely on the PCCs for Internet access. The service areas selected include the estimated following vulnerable populations:

- Hispanic/ESL: 523,016 citizens in project service area
- African-American: 80,469 citizens
- Native Americans: 14,119 citizens
- Disabled: 86,827 sensory disabled citizens, 169,740 physically disabled citizens
- Low-income and Unemployed: 1.15 million low-income citizens, 185,000+ unemployed



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- Senior: 257,952 citizens
- Youth: 623,974 citizens 18 or younger

#### Colorado State Library Qualifications

The CSL has an effective leadership team with a commitment to library goals, including providing free public Internet access to Colorado’s residents. CSL has a strong track record of bringing citizens to libraries, ranking 2nd out of 50 states in library visits per capita. (StateMaster, 2009) Libraries are historically the primary provider of free public computer center access in Colorado, with CSL providing strategic guidance, programmatic oversight and e-resources.

CSL has strong experience in program and project management oversight, and has successfully implemented many statewide deployments of technology with local implementation, training, matching funds, and outreach similar to this one. For instance, the CSL recently implemented AskColorado, a live online chat reference service with 74 partner libraries and over 300 trained library professionals who provide live, online one-on-one research support for Colorado residents. The CSL also administers \$2.6 million in LSTA funding for technology and special learning resources using a sub-grantee process similar to the process that will be used for this project.

In order to be included, partners have agreed to perform outreach in their communities to ensure high usage of the new PCs and conduct computer-related training that is specifically relevant to the locale.

#### Jobs Saved/Created

Based on the CEA job creation model, this project will save/create 36.3 job years. 10.1 jobs will be direct, while 13.2 job years will be indirect and 13.1 job years will be induced. Additionally, the training and computer skills generated by the project will contribute to work force productivity for many years in the future.

#### Overall Project Cost





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The overall cost of the project is \$3,345,721, with \$2,275,526 being requested in federal funds. The Gates Foundation is supplying \$753,776 in cash matching funds. The libraries are providing \$210,791 in cash match. Another \$114,627 is accounted for by in-kind match from the CSL and its programmatic partners. The total match is 32%. 28.6% is cash match and 3.4% is in-kind.

**Significant, Measureable Impact**

CSL is confident that we will be able to execute on the outlined project and improve public computer access and computer-related training that will empower the neediest citizens in Colorado. Based on survey information provided by the target institutions, we anticipate an increase of more than 26,000 PCC users per week due to the capacity increases. Overall, we expect more than 10,000 new public training sessions will be provided. Outcomes will be tracked in partnership with Library Research Service through surveys. The much needed PCs and services funded by the Bridging Colorado's Great Digital Divide project are essential towards bridging the gap in our state's broadband use and ensuring that our vulnerable populations have access to the opportunities afforded by the digital age.

**Project purpose:**

The PCs and training programs provided by Bridging Colorado's Great Digital Divide will empower vulnerable populations with the opportunities provided by broadband access. In Colorado's poor rural and urban areas, public computer access is severely limited and the high demand for programs/services is unmet. 100% of the existing PCCs in this project report that their patrons experience waits for Internet access. Our project will address the need of vulnerable populations for PCC access by replacing out-of-date computers 4 or more years old, expanding computer lab capacity, and provide training. Our project requests 451 desktops, 692 laptops, 69 Americans with Disabilities Act compliant workstations, and other equipment for PCC use.

The sites selected for this project have service areas with the highest poverty rates, largest minority populations, and lowest broadband penetration in Colorado. The Colorado State Library's project includes 62 public libraries, 2 Ute Tribal facilities, 5 combined school/public library facilities, and 7 community agency/library partnerships. These 76 PCCs are run by 49 library organizations. These libraries serve 2.5 million people, about 52% of the state's population. We estimate 20.6% of the citizens served by this project are Hispanic, well above the national average of 15.4%. An estimated 46% of households in project are below 80% of median national income.



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Training is a key component of this project. Leveraging mobile carts and improved PCC capacity, our project will teach vulnerable populations basic computer skills, as well as Word, Excel and how to best find information on the Web. Our trainers will coach library staff on how to teach basic computer skills to meet this demand. Additionally, libraries will create partnerships with local bodies such as schools, Chambers of Commerce, senior centers and other groups to deliver programming. Local libraries will organize classes in conjunction with our statewide training partners.

Without additional funding, Colorado risks having its vulnerable population fall even farther behind the rest of the country. Sufficient PCC access, along with programs targeted at Colorado's vulnerable and underserved populations, is critical to progress in five key areas in addressing our state's existing problems.

1. Address broadband use gap through computer/Internet skills training: 87% of the libraries selected serve areas with income levels less than the national average. 43% of libraries serve underserved areas with an estimated less than 40% broadband penetration, while almost all (70 out of 76) are below the national average of 63.5%. By providing computer/Web skill training, this project will prime the pump for home broadband adoption. (ACS, NTIA 2009, CSMG Broadband Database).
2. Increase minority and rural access to higher education: Colorado ranks 48th in minority access to college education. The situation is particularly dire with Hispanics, a group we have targeted with this project. Colorado's Hispanics have historically had poor educational outcomes. A 2006 study by the National Center for Educational Statistics showed a 15.8% event dropout rate (number of students who dropped out during that specific school year) among Colorado's large Hispanic population, by far the worst in the nation (Wyoming, at 10.4% is the next). Colorado also has the nation's highest event dropout rate amongst African-Americans. In addition to core programs, this project will provide education for high school students on college admission, online college courses and financial aid resources. (Colorado Department of Education, College Summit, 2009) Increased exposure to available education programs through PCCs is essential to improvement in these rural areas.
3. Increase adult education access: Given Colorado's high dropout rates, we have engaged with State Adult Education and Family Literacy Services, community colleges and the GED program



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to improve educational services and computer skills training to those who do not have college degrees. With GED testing expected to be computerized by 2012 and many government resources only available online, our training will help vulnerable populations navigate and succeed in the increasingly Internet-based world.

4. Provide jobs database access and career skills training: We have partnered with Colorado Workforce Development to provide job skills programs leveraging computers. Each of the upgraded libraries will have jobs database access. We are also working with each library to contact Chambers of Commerce to provide relevant local training for jobs, completion of job applications, entrepreneurship and income enhancement. Examples include training on basic business productivity software, online auctions, or selling arts/crafts.

5. Provide computer center access to disabled persons: 82% of targeted libraries lack ADA-compliant workstations for disabled persons to access the benefits of the Internet. This project will provide 69 ADA-compliant workstations. CSL has partnered with the Rocky Mountain Disability and Business Technical Assistance Center to train library staff on how to engage disabled/elderly citizens.

From this project, we will target 10,000 new training sessions open to the public, and acquiring 250,000 new users. Additionally, we anticipate 26,000 more users in PCCs per week thanks to the capacity increases. In conjunction with Library Research Service, the CSL will use surveys to document these increases.

Overall, the CSL project specifically aligns with three of the statutory purposes for BTOP grant:

- Provide improved access to broadband service to consumers in underserved areas
- Provide broadband education, awareness, training, access, equipment and support to underserved and vulnerable communities, especially ethnic minorities, and rural/urban poor
- Stimulate demand for broadband, economic growth and job creation through training and PCC access

**Recovery Act and Other Governmental Collaboration:**

Bridging Colorado's Great Digital Divide will allow our citizens to better leverage other federal and state funds that Colorado institutions have applied for, and advance other ARRA goals such as education, utilization of electronic health records and job skills training.



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The Colorado State Library’s relationship with Dept. of Labor and Employment is a prime example of how this project leverages Recovery Act programs. The DoL will place continued emphasis on job search and skills training through programs such as the Workers Investment Act, which provides jobs training for dislocated workers. Many of these programs are accessed through library public computer centers. We are partnering with local and statewide workforce development councils to expand access to these programs.

Upgraded computer center capacity at libraries will also multiply the impact of Recovery Act grants to the Colorado educational institutions, which have received \$760 million in funding to date. With the increased focus on achievement and innovation from these projects, expanded capacity in PCCs for students without home broadband access is vital.

This project will also leverage the Dept. of Health and Human Service’s Recovery Act focus on electronic health records (EHRs). The agency’s HITECH program will provide \$564 million in funding to create EHR networks across providers so that they can exchange health information and e-prescriptions. Program partners such as the National Network of Libraries of Medicine will support these efforts by training Colorado’s library PCC users on how to access online health resources.

Additionally, some libraries are also applying for or receiving LSTA, DOLA, or USDA funding which will have its impact multiplied by the availability of public Internet computers. Library Services Technology Act (LSTA) Funding: Colorado’s annual \$2.6 million in funding is used to support libraries including technology, community learning resources, and support for special populations. Current projects will be enhanced by the addition of more computers and training. These include local grants to libraries such as a technology learning project in the San Luis Valley where 9 libraries are collaborating to share computers for training. The additional computers in these facilities will mean each library will be able to accommodate more learners. Often, 2-4 times the number of people attend than can be accommodated.

USDA: Several libraries, including Conejos’s LaJara branch, LaJunta, Paonia, Crawford libraries, and Spanish Peaks are applying for or have received USDA rural library and Colorado Dept. of Local Affairs (DOLA) grants to fund projects to build or improve library facilities. These funds will increase the available space in libraries and allow them to support more patron computer use and training. These patrons will significantly benefit from increased public computer capacity in conjunction with the improved library spaces.



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**Technology Strategy:**

Secure, User-Friendly Public Computing for Colorado’s Citizens

Colorado’s libraries have long served as public computer centers for their communities and will continue to be dedicated to providing a safe and user-friendly environment for its patrons. The technology plan for the Bridging Colorado’s Great Digital Divide project will ensure our neediest populations receive a high quality Internet experience through the following measures:

- Each library was surveyed on PCC need and facility configuration, and requested a mix of desktops, laptops and peripherals that suited their community’s needs
- Each computer will come with a 3-year service plan that will include on-the-phone service, and allow PCC technical staff to ship computers to a service vendor for necessary repair. This will reduce burden on IT staff and ensure the computers remain in service
- When laptops are offered, Wi-Fi will be available to allow for maximum flexibility
- Laptops will be provided on a sign-in, sign-out basis with the appropriate security to ensure there is no leakage of equipment
- Colorado law requires libraries to use filtering software to ensure only appropriate content is displayed on these public computers
- Security software will be installed to protect against viruses and malware, eliminate downtime and minimize IT support requirement

Computing Equipment

In order to best meet the needs of participating libraries, the CSL has offered a combination of mobile laptop carts and desktops. PCs requested are at a price point that balances cost-effectiveness with the computing power necessary for a quality experience that will extend well into the future. PCs will have Windows XP or 7, with Microsoft Office 2007 with at least Word and Excel so that the computers can be used for basic computer skills training on those products. All computers will have anti-virus/spyware, secure computing software and the necessary tools (web browser, Adobe Acrobat, etc.) necessary to access information over the Internet.

Wheeled Laptop Carts

Laptops and carts are being deployed based on library self-selection on three criteria:



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- Need for additional computers for public access and training
- Space constraints
- Desire to have a flexible and portable solution to conduct training outside the library in other community institutions

Each wheeled mobile cart will have between 8 to 16 laptops, integrated wireless and a battery system that will allow the laptops to be charged out of a single outlet. The labs will also have accompanying equipment such as a projector and audio equipment to support training. A mobile laptop cart has a built-in wireless router that requires only one jack, versus desktops, which require one per unit. When lab furniture and the cost of construction are included, mobile labs can actually be more cost effective. During periods when they are not utilized for training, the individual laptops will be available for laptop loan programs where patrons can check out laptops for use within library walls.

#### Desktops

The desktops will be Internet-connected workstations with Microsoft Office productivity software, anti-virus, and public computing software that logs a user out and wipes their information after logging out. Each will be equipped with a space and energy saving flat screen monitor.

#### Workstations for the Handicapped

80% of the libraries in this project do not have workstations for the disabled. The ones that do are typically large branches that do not have sufficient numbers. The ADA-workstations being requested were vetted by experts in assistive technology. Each workstation will have a hydraulic desk, large monitor, high contrast keyboard, and a specialized trackball. Additionally, the stations would have software that a local Americans with Disabilities Act support center recommended. This includes ZoomText for enhanced screen magnification, Kurzweil for text-to-speech, JAWS for speech synthesizer, Window-Eyes and Dragon Naturally Speaking.

#### Network



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Most libraries already have LANs and WiFi, but in many cases these networks will need to be expanded to meet the increased demand and number of laptops/workstations. The speed of the average connection is around 20 mb/s in Colorado, so we have elected not to focus on connectivity in this project. We will continue to work with libraries to secure sustainable funding in their local budgets (with Universal Service Fund support in some cases) for sufficient connectivity. As part of this project, libraries are requesting equipment for network upgrades (routers, servers, switches, cabling, etc.), along with one-time network technician costs to prepare their network for increased usage and improved broadband speeds in the future that will be procured locally outside of this project

#### Program Resources Portal

CSL will create a portal with e-resources, recorded webinars, online training courses, videos and other materials to ensure usage of upgraded computers. We have produced a number of materials in the past, including “Outreach to Spanish Speaking Communities”, as well as bilingual instructional and resource guides that are shared resources and have found this to be an effective way to distribute program content.

As part of this project, we will aggregate e-resources and content that would help both patrons and library staff in achieving program goals. A detailed list of e-resources available to patrons is provided in the Workstation Software section.

#### Training Technology

The CSL will deliver statewide training to librarians through the use of computer training rooms, wheeled laptop carts, both doing on-site train-the-trainer programs, and broadcasting/recording training sessions. The Denver Public Library, an application partner, has generously offered the use of A/V equipment to broadcast and record enhanced services. Each training session will be made publicly available through the program portal.

#### Public Availability:

All public computer centers that are part of the Bridging Colorado’s Great Digital Divide project are available to all members of the general public without any fees. There are no restrictions with respect to specific population subgroups at any of the PCCs.



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The Colorado State Library and its Special Populations & Issues Committee lead a variety of statewide programs and projects to encourage quality library service to ethnic minority populations, persons with physical and mental disabilities, seniors, the underserved, and other groups. Our goal is to serve the citizens of Colorado, regardless of age, gender, race, or disability status.

A statewide library reciprocal borrowing program, “Colorado Libraries Collaborate!” allows library users of all CLC member libraries to use the materials of any other CLC member library. Currently all participating libraries are members of CLC. Libraries and museums in tribal communities are also open to the public.

In summary, there are no restrictions relevant to specific population at our public computer centers, as Colorado’s library computer centers are among the few institutions which can provide services across the whole spectrum of age and ethnicity.

**Restrictions on Center Use:**

- None of our public computer centers are restricted to certain purposes. Each of the computers requested in this application will be utilized for the purposes of public Internet access and training that will be open and available to the public.

**Involvement of Community College:**

Community colleges are an essential partner to addressing Colorado’s pressing education needs. The Colorado Community College System has agreed to partner with the Colorado State Library in order to develop improved access to online learning, teaching collaborations in training labs and strategies for using PCCs to improve community college enrollments. This state-level partnership will facilitate local programs throughout Colorado in the following areas:

- Enabling access to online community college resources
- Partnering based on an Adams State model of education student projects to teach local audiences in basic computer skills and Microsoft Office skills
- Encouraging community college enrollment through resources such College in Colorado, a non-profit that teaches high school students about college admissions and financial aid resources to encourage prospective students to pursue higher learning opportunities. There will be a special emphasis on increasing community college enrollments





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- Offering more access for distance learners to use PCC computers for the Colorado Community College E-learning Program
- Promoting local community college offering in the Public Computer Centers
- Providing local community college technical expertise to train, support computers in libraries
- Enhancing community college students and staff to provide training to the public on online research resources and resources made available by community colleges

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

- No

**Is the applicant delinquent on any federal debt?**

- No
- If Yes, justification for delinquency:

**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

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

- Yes

If YES, key partners are listed below:

Project Role: Sub-recipient Name: Bergann, Heinz Email: director@alamosalibrary.org Address 1: 423 Fourth St Address 2: Address 3: City: Alamosa State: Colorado Zip Code: 81101 Organization: Alamosa / Southern Peaks Public Library Organization Type: City or Township Government Small business: No
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<p>Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Yersin, Della  Email: dyersin@hotmail.com  Address 1: 321 14th St  Address 2:  Address 3:  City: Burlington  State: Colorado  Zip Code: 80807  Organization: Burlington 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: Ooton, Susan  Email: scooton@canoncity.org  Address 1: 516 Macon Ave  Address 2:  Address 3:  City: Canon City  State: Colorado  Zip Code: 81212  Organization: Canon City 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: Messick, Sandy  Email: sandy.messick@lajunta.lib.co.us  Address 1: 522 Colorado Ave  Address 2:  Address 3:  City: La Junta  State: Colorado  Zip Code: 81050  Organization: City of La Junta - Woodruff Memorial Library  Organization Type: City or Township Government  Small business: No</p>



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<p>Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: DeHerrera, Maria  Email: mariad@amigo.net  Address 1: 17703 Hwy 285  Address 2:  Address 3:  City: La Jara  State: Colorado  Zip Code: 81140  Organization: Conejos County Library District - LaJara Branch  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Howland, Joanie  Email: joanie@cityofcortez.com  Address 1: 202 N. Park  Address 2:  Address 3:  City: Cortez  State: Colorado  Zip Code: 81321  Organization: Cortez 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: Mendosa, Rose  Email: chicarama@yahoo.com  Address 1: P.O. Box 351  Address 2: 418 Gasper Street  Address 3:  City: San Luis  State: Colorado  Zip Code: 81152  Organization: Costilla County Libraries  Organization Type: County Government  Small business: No</p>



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<p>Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Choszczyk, Annette  Email: achoszczyk@sopris.net  Address 1: 149 E. Main Street  Address 2:  Address 3:  City: Hotchkiss  State: Colorado  Zip Code: 81419  Organization: Delta County Public Library District - Hotchkiss Public Library  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Amore, Shirley  Email: samore@denverlibrary.org  Address 1: 10 W. Fourteenth Ave. Pkwy.  Address 2:  Address 3:  City: Denver  State: Colorado  Zip Code: 80204  Organization: Denver Public Library - Central 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: Arnold, Carole  Email: carole@fone.net  Address 1: 1002 Railroad Avenue  Address 2: P O Box 847  Address 3:  City: Dolores  State: Colorado  Zip Code: 81323  Organization: Dolores Library District - Main Library  Organization Type: Other  Small business: No</p>



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<p>Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Johnson, Deborah  Email: emcld_98@yahoo.com  Address 1: 500 Clayton St.  Address 2:  Address 3:  City: Brush  State: Colorado  Zip Code: 80723  Organization: East Morgan County  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Baumann, Kari  Email: director@elbertcountylibrary.org  Address 1: 504 Washington St.  Address 2:  Address 3:  City: Simla  State: Colorado  Zip Code: 80835  Organization: Elbert County Library District - Simla Branch Library  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Hawthorne, Linda  Email: kinzies@fre3.edu  Address 1: 506 Fremont Ave.  Address 2:  Address 3:  City: Fleming  State: Colorado  Zip Code: 80728  Organization: Fleming Community Library  Organization Type: Other  Small business: No</p>



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<p>Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Bosley, Cathy  Email: cbosley@fmlibrary.org  Address 1: 414 Main Street  Address 2:  Address 3:  City: Fort Morgan  State: Colorado  Zip Code: 80701  Organization: Fort Morgan 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: Lowe, Pat  Email: pattilowe@peoplepc.com  Address 1: 400 Sixth St  Address 2:  Address 3:  City: Fowler  State: Colorado  Zip Code: 81039  Organization: Fowler 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: Meredith, Larry  Email: lmeredith@marmot.org  Address 1: 307 N. Wisconsin  Address 2:  Address 3:  City: Gunnison  State: Colorado  Zip Code: 81230  Organization: Gunnison County Library District - Ann Zugelder Library  Organization Type: County Government  Small business: No</p>



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<p>Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient          Name: Freemyer, Vicki          Email: townlibr@pctelcom.coop          Address 1: 141 South Colorado Ave          Address 2:          Address 3:          City: Haxtun          State: Colorado          Zip Code: 80731          Organization: Haxtun 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: Reid, Janine          Email: jreid@highplains.us          Address 1: 919 7th Street Suite 100          Address 2:          Address 3:          City: Greeley          State: Colorado          Zip Code: 80631          Organization: High Plains Library District          Organization Type: Other          Small business: No          Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient          Name: Roth, Laura          Email: thelibrary@pctelcom.coop          Address 1: 539 S Baxter St          Address 2:          Address 3:          City: Holyoke          State: Colorado          Zip Code: 80734          Organization: Holyoke / Heginbotham Library          Organization Type: City or Township Government          Small business: No</p>



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<p>Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Humrich, Kathy  Email: kkhjcp1@yahoo.com  Address 1: 412 Fourth Street  Address 2:  Address 3:  City: Waldon  State: Colorado  Zip Code: 80480  Organization: Jackson County Public Library  Organization Type: County Government  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Kelso, Gypsy  Email: gypsy.kelso@gmail.com  Address 1: 120 CHURCH AVE  Address 2:  Address 3:  City: FLORENCE  State: Colorado  Zip Code: 81226  Organization: John C. Fremont Library District - Florence Place  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Johnson, Sharon  Email: kcpld@eads.lib.co.us  Address 1: 1305 Goff St  Address 2:  Address 3:  City: Eads  State: Colorado  Zip Code: 81036  Organization: Kiowa County Public Library District  Organization Type: Other  Small business: No</p>





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Socially and economically disadvantaged small business concern: No
<p>Project Role: Sub-recipient  Name: Reynolds, Debra  Email: debbie.reynolds@ci.lamar.co.us  Address 1: 104 E Parmenter  Address 2:  Address 3:  City: Lamar  State: Colorado  Zip Code: 81054  Organization: Lamar Public Library  Organization Type: County Government  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: McElroy, Marcia  Email: bent.library@bentco.lib.co.us  Address 1: 306 5th St  Address 2: P O Box 847  Address 3:  City: Las Animas  State: Colorado  Zip Code: 81054  Organization: Las Animas-Bent County Library  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Reimer, Lucille  Email: happylibrn@hotmail.com  Address 1: 205 E. Ave  Address 2:  Address 3:  City: Limon  State: Colorado  Zip Code: 80828  Organization: Limon Memorial Library  Organization Type: City or Township Government  Small business: No</p>



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<p>Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Smith, Patsy  Email: pdksmith@mancos.lib.co.us  Address 1: 211 West First Street  Address 2:  Address 3:  City: Mancos  State: Colorado  Zip Code: 81328  Organization: Mancos Library District  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Tallman, Eve  Email: etallman@mcpld.org  Address 1: 530 Grand Ave  Address 2:  Address 3:  City: Grand Junction  State: Colorado  Zip Code: 81501  Organization: Mesa County Library District - Central Library  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Paladino, Paul  Email: ppaladino@montroselibrary.org  Address 1: 320 S 2nd St  Address 2:  Address 3:  City: Montrose  State: Colorado  Zip Code: 81401  Organization: Montrose Library District  Organization Type: Other  Small business: No</p>



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<p>Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Gibson, Dana  Email: dana.gibson@cck12.net  Address 1: 1007 Main St  Address 2:  Address 3:  City: Ordway  State: Colorado  Zip Code: 81063  Organization: Multi Jurisdictional - Ordway / Combined Community Library  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Redd, Kathryn  Email: nuclalib@fone.net  Address 1: 544 Main St  Address 2:  Address 3:  City: Nucla  State: Colorado  Zip Code: 81424  Organization: Nucla 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: Miller, Paula  Email: pmiller@ppld.org  Address 1: 20 N. Cascade Ave.  Address 2:  Address 3:  City: Colorado Springs  State: Colorado  Zip Code: 80903  Organization: Pikes Peak Library District - Penrose Library  Organization Type: Other  Small business: No</p>



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<p>Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Block, Carson  Email: cblock@poudrelibraries.org  Address 1: 201 Peterson Street  Address 2:  Address 3:  City: Fort Collins  State: Colorado  Zip Code: 80524  Organization: Poudre River Public Library District - Main Library  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Walker, Jon  Email: jon.walker@pueblolibrary.org  Address 1: 100 E. Abriendo Ave.  Address 2:  Address 3:  City: Pueblo  State: Colorado  Zip Code: 81004  Organization: Pueblo City-County Library District - Rawlings Public Library  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Smith, Pam  Email: psmith@rangeviewld.org  Address 1: 5754 S 8th St.  Address 2:  Address 3:  City: Brighton  State: Colorado  Zip Code: 80601  Organization: Rangeview Library District - Brighton Branch  Organization Type: Other  Small business: No</p>



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<p>Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Mooers, Sherry  Email: rflib@frii.com  Address 1: 71 Firehouse Lane  Address 2:  Address 3:  City: Red Feather Lakes  State: Colorado  Zip Code: 80545  Organization: Red Feather Lakes Community Library  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Dugan, Carol  Email: cldugan@amigo.net  Address 1: 120 Jefferson St  Address 2:  Address 3:  City: Monte Vista  State: Colorado  Zip Code: 81144  Organization: Rio Grande Library District  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Henry, Sheila  Email: rflib@rockyford.lib.co.us  Address 1: 400 s. 10th St  Address 2:  Address 3:  City: Rocky Ford  State: Colorado  Zip Code: 81067  Organization: Rocky Ford Public Library  Organization Type: City or Township Government  Small business: No</p>



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<p>Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Kerwin, Jackie  Email: jleithau@frontier.net  Address 1: 1111 Reese St  Address 2:  Address 3:  City: Silverton  State: Colorado  Zip Code: 81433  Organization: Silverton 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: McDonald, Michael  Email: librarydir@gmail.com  Address 1: 124 So 3rd Street  Address 2:  Address 3:  City: Victor  State: Colorado  Zip Code: 80860  Organization: Southern Teller County Library District - Victor Public Library  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Brittner, Lynn  Email: lbrittner@southern-ute.nsn.us  Address 1: 14826 Highway 172 N  Address 2:  Address 3:  City: Ignacio  State: Colorado  Zip Code: 81137  Organization: Southen Ute Cultural Center &amp; Museum  Organization Type: Other  Small business: No</p>



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<p>Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Birrer, Monica  Email: mbirrer@spld.org  Address 1: 323 North Main St  Address 2:  Address 3:  City: Walsenburg  State: Colorado  Zip Code: 81089  Organization: Spanish Peaks Library District  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Van Dusen, Sandy  Email: vandusen@sterlingcolo.com  Address 1: 420 N. 4th St.  Address 2:  Address 3:  City: Sterling  State: Colorado  Zip Code: 80751  Organization: Sterling 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: Salmans, Janice  Email: jlsalmans5@hotmail.com  Address 1: 331 New York Ave.  Address 2:  Address 3:  City: Stratton  State: Colorado  Zip Code: 80836  Organization: Stratton Public Library  Organization Type: City or Township Government  Small business: No</p>



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<p>Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Scott, Linda  Email: linda.scott@swink.k12.co.us  Address 1: 610 Colombia Ave  Address 2:  Address 3:  City: Swink  State: Colorado  Zip Code: 81077  Organization: Swink School / Public Library  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Besel, Jane  Email: carnegiepl2@msn.com  Address 1: 292 N. Animas St  Address 2:  Address 3:  City: Trinidad  State: Colorado  Zip Code: 81082  Organization: Trinidad Carnegie 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: Welch, Jackie  Email: jw@pagosalibrary.org  Address 1: 811 San Juan Street  Address 2: P.O. Box 849  Address 3:  City: Pagosa Springs  State: Colorado  Zip Code: 81147  Organization: Upper San Juan Library District - Ruby M. Sisson Memorial Library  Organization Type: Other  Small business: No</p>





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<p>Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Rime, Robert  Email: rime@utemountain.org  Address 1: 450 Sunset Blvd.  Address 2:  Address 3:  City: Towaoc  State: Colorado  Zip Code: 81334  Organization: Ute Mountain Tribal Library  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Berghuis, Shara  Email: wpl@plains.net  Address 1: 621 Blake St  Address 2:  Address 3:  City: Wray  State: Colorado  Zip Code: 80758  Organization: Wray Public Library  Organization Type: City or Township Government  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Other  Name: Nishi, Jill  Email: jill.nishi@gatesfoundation.org  Address 1: 1551 Eastlake Avenue East  Address 2: PO Box 23350  Address 3:  City: Seattle  State: Washington  Zip Code: 98102  Organization: Bill &amp; Melinda Gates Foundation  Organization Type: Non-profit Foundation  Small business: No</p>



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Socially and economically disadvantaged small business concern: No
<p>Project Role: Third party in-kind contributor  Name: Steffen, Nicole  Email: steffen_n@cde.state.co.us  Address 1: Colorado State Library  Address 2: 201 E. Colfax Avenue  Address 3:  City: Denver  State: Colorado  Zip Code: 80203  Organization: Colorado Library Research Service  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Other  Name: Fawcett, Deborah  Email: fawcett_d@cde.state.co.us  Address 1: Colorado Department of Education: Adult Education and Family Literacy  Address 2: Room 300H  Address 3: 201. E Colfax Avenue  City: Denver  State: Colorado  Zip Code: 80203  Organization: Adult Education and Family Literacy, Colorado Department of Education  Organization Type: State or State Agency  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Other  Name: Naugle, Chalmer  Email: naugle_c@cde.state.co.us  Address 1: Colorado Department of Education, GED  Address 2: Room 300H  Address 3: 201 E. Colfax Avenue  City: Denver  State: Colorado  Zip Code: 80203  Organization: Colorado Department of Education, General Education Development  Organization Type: State or State Agency  Small business: No</p>



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

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<b>Funding Opportunity:</b> Public Computer Centers		<b>Applicant Organization:</b> EDUCATION, COLORADO BOARD OF	
<b>Task:</b> Submit Application - Public Computer Centers		<b>Applicant Name:</b> Ms. Sharon Morris	

<p>Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Other  Name: Taylor Owens, Dawn  Email: dawn.taylorowens@cic.state.co.us  Address 1: 1560 Broadway, Suite 1700  Address 2:  Address 3:  City: Denver  State: Colorado  Zip Code: 80202  Organization: College in Colorado  Organization Type: State or State Agency  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Other  Name: McCallin, Nancy  Email: Nancy.McCallin@cccs.edu  Address 1: 9101 East Lowry Boulevard  Address 2:  Address 3:  City: Denver  State: Colorado  Zip Code: 80230-6011  Organization: Colorado Community College System (CCCS)  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Other  Name: Herbertson, Peggy  Email: Peggy.herbertson@state.co.us  Address 1: 633 17th Street  Address 2: Suite 1200  Address 3:  City: Denver  State: Colorado  Zip Code: 80202-3660  Organization: Colorado Department of Labor and Employment, State Workforce Development Council  Organization Type: State or State Agency  Small business: No</p>



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<p>Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Other  Name: Going, Patrick  Email: pgoing@mtc-inc.com  Address 1: 3630 Sinton Road, Suite 103  Address 2:  Address 3:  City: Colorado Springs  State: Colorado  Zip Code: 80907  Organization: Rocky Mountain Disability Business and Technical Assistance Centers (DBTAC)  Organization Type: Non-profit Corporation  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Third party in-kind contributor  Name: Abbey, Dana  Email: Dana.Abbey@ucdenver.edu  Address 1: Health Sciences Library  Address 2: 12950 E. Montview Boulevard  Address 3:  City: Aurora  State: Colorado  Zip Code: 80045  Organization: UC Denver / National Network of Libraries of Medicine, MidContinental Region  Organization Type: Other  Small business: No  Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient  Name: Ernst, Laurie  Email: lernst@dolorescounty.k12.co.us  Address 1: 470 Main St.  Address 2:  Address 3:  City: Dove Creek  State: Colorado  Zip Code: 81324  Organization: Dolores County School and Public Library / Dove Creek  Organization Type: County Government  Small business: No</p>



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Socially and economically disadvantaged small business concern: No

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

**Application Partners**

**Public Libraries**

Local libraries were selected based on their location in areas with high poverty, vulnerable ethnic populations, and low broadband penetration rates. Once selected, libraries had to opt-in, fill out a detailed survey to assess need, and agree to a 10% cash match. The libraries agree to provide staff to offer/organize computer training, to assist PCC patrons, and to attend train-the-trainer sessions provided by the CSL and program partners. Libraries must also cultivate ongoing local partnerships. CSL will ensure compliance by requiring reports on activities and impact. There are 49 library organizations managing 76 total PCCs.

**Native American Tribes**

The Ute Mountain and Southern Ute tribes are partners to develop PCCs in their tribal library and cultural center respectively. Agreements are the same as the public libraries.

Mountain Ute Contact: Robert Rime, Towaoc, CO 970-564-5344

Southern Ute Contact: Lynn Brittner, Ignacio, CO 970-563-9583

**Colorado Library Research Service (LRS)**

LRS is a jointly funded unit of the Colorado State Library, and the Library and Information Science (LIS) Program at the University of Denver. LRS will provide services to collect and analyze survey data. These services are valued at \$10,000 and provide as in-kind match.

Contact: Nicole Steffen, Denver, CO 303-866-6927

**Bill & Melinda Gates Foundation**

The Gates Foundation is providing matching funds to support their mission of providing public computer access through libraries.

Contact: Jill Nishi, Deputy Director, Seattle, WA 206-709-3502

**Education Program Partners**

Colorado State Adult Education Programs and Family Literacy (AEFL) and GED



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Gene Hainer, State Librarian and Asst. Commissioner of Education, oversees the CSL, AEFL and GED in Colorado. The State Library will work with these units to have local adult education facilities and GED testing centers partner with participating libraries in the promotion and use of PCC for at-risk populations.

Contact: Deborah Fawcett, Director/AEFL and Chalmer Naugle, GED State Administrator, 303-866-6600

#### College in Colorado

College in Colorado will provide regional training and Webinars for educators, librarians, parents and students about College in Colorado resources. Topics include choosing colleges, obtaining financial aid, and preparing to take the SAT, ACT or GRE.

Contact: Dawn Taylor Owens, Executive Director, Denver, CO 720-264-8560

#### Colorado Community College System (CCCS)

The CCCS will support local partnerships for community access to online resources, training to citizens provided by students as part of their course of study, perform outreach in libraries to encourage community college enrollments, and provide technical expertise.

Contact: Dr. Nancy McCallin, President, Denver, CO 80230 303-595-1552

#### Workforce Development Program Partners

Colorado Dept. of Labor and Employment / State Workforce Development Council

The Workforce Development Council, which has a long-standing relationship with Denver Public Library and other libraries, will work with the CSL to develop training partnerships for job skills at local levels.

Contact: Peggy S. Herbertson, Director, Denver, CO 303-318-8002

#### Disability Program Partners

Rocky Mtn. Disability Business & Technical Assistance Centers (DBTAC)

DBTAC provided support through the application process to support accessibility in libraries and will support outreach services once the grant is funded. Throughout the project, DBTAC staff will be available to consult with libraries and serving clients with disabilities.

Contact: Pat Going – Senior Advisor, Colorado Springs, CO 800-949-4232

#### Health Program Partners

National Network of Libraries of Medicine (NLM)



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NLM will provide regional training and single topic webinars to teach librarians and patrons about online consumer health tools. NLM will provide a \$9,900 match in the form of training, travel and materials.

Contact: Dana Abbey, Consumer Health Coordinator, Aurora, CO 303-724-2110

Local Community Partners include:

A Gathering Place; Sunne Meyer, VP, Denver, CO, 80218, 303-324198

College in Colorado; Shelby Burnette, Director of Outreach, Denver, CO, 720-264-8560

Colorado Cross Disability Coalition; Kristen Castor, Rural Coordinator, Pueblo, CO, 719-595-4374

Denver Workforce Development; Paula Gomez-Farrell, Director, Denver, CO, 720-913-1999

Denver Office of Economic Development; Andre Pettigrew, Executive Director, Denver, CO, 720-913-1999

Greeley-Evans School District; Kathi Van Soest, Greeley, CO, 80631

Lamar High School FBLA; Debora Smith, FBLA Advisor, Lamar, CO, 81052

Lochbuie Afterglows Senior Center; Nancy R. Kauffroath, Senior Coordinator, Lochbuie, CO

Morgan Community College - Burlington Center; Valerie Rhoades, Director, Burlington, CO, 719-346-9300

Morgan Community College - Limon Center; Betty McKie, VP of Instruction, Limon, CO, 80828, 719-775-8873

Otero Junior College; James Herrell, AVP for Instruction, La Junta, CO, 81050, 719-384-6831

Project Literacy; Joy Cress, Director, Pueblo West, CO, 81007, 719-647-6322



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Pueblo City Schools; Kathy West, Superintendent, Pueblo, CO

Pueblo Human Relations Commission; Sandra Daff, Executive Director, Pueblo, CO, 719-542-0112

Rocky Mountain SER; Jo Ann Torrez Weldon, Pueblo, CO, 719-404-0935

Senior Resource Development Agency; Stephen Nawrocki, Executive Director, Pueblo, CO, 719-545-8900

Southwest Region Migrant Education Program; Mary Valerio, Director, Alamosa, CO, 719-589-5851

Town of Keenesburg; Danny Kipp, Mayor, Keenesburg, CO, 303-732-4281

Town of Kersey; Tracey McCoy, Town Administrator, Kersey, CO, 970-353-1681

Town of LaSalle; Carl Harvey, Operations Director, LaSalle, CO, 970-284-6931

Town of Mead; Dan Dean, Town Manager, Mead, CO, 970-535-0626

Town of Milliken; James Burack, Administrator, Milliken, CO, 970-587-4331

## **D. Congressional Districts**

### **Applicant Headquarters**

- Colorado

### **Project Service States**

Colorado

### **Project Service Areas**





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Colorado - 1

Colorado - 3

Colorado - 4

Colorado - 5

Colorado - 6

Colorado - 7

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

- Yes

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

Southern Ute Tribe

Ute Mountain Ute Tribe

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

- Yes

## **E. Demographics**

### **Demographics**

**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:**



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Hispanic

Black/African-American

Native American or Native Alaskan

English as Second Language (ESL)

Disabled

Low Income

Unemployed

Senior Citizen (55 and over)

Youth

**Other:**

**Vulnerable Populations**

This project specifically targets Colorado's vulnerable populations who would benefit the most from enhanced PCC access. Estimates are based on 2000 census and 2008 America Community Survey data.

Hispanic/ESL (523,016 persons in project service area): Outreach to Hispanics is a key part of this project. We will make as much of our programming bilingual as possible. Colorado's high Hispanic ESL population will be targeted locally in urban areas such as Denver and Pueblo, as well as rural areas with immigrant populations. We will work closely with regional migrant centers to promote Spanish computer classes in these facilities. In addition, this grant will allow libraries to install Spanish language signage.

African-American (80,469 persons): In urban Denver and Colorado Springs, libraries serving high concentrations of African-American populations will receive upgraded computers, networks, and training programs.



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Native Americans (14,119 persons): The Ute Mountain Ute and Southern Ute tribes are grant partners. Additionally, high concentrations of Navajo and Ute live in and around Cortez with 50% of library users of Navajo or Ute decent. The expanded PCC capacity and computer classes in Cortez will benefit these Native American groups who live in the four corners area of Colorado, Arizona, Utah, and New Mexico.

Disabled (86,827 sensory disabled persons, 169,740 physically disabled persons): Through the implementation of 69 ADA workstations, along with minor construction costs to improve accessibility, CSL is improving PCC access for the disabled.

Low-income and unemployed: (estimated 46% of households in project are below 80% of median national income, 1.15 million persons) Low income populations will be served through classes in computer skills, access to health, eGovernment and Colorado Workforce resources. We will improve opportunities to low-income people through GED, community college, and College in Colorado resources in PCCs. Additionally, unemployed and underemployed are using Colorado libraries now to access online applications, apply for unemployment online, and seek job skills. The high demand for computers in this economic climate has led to patron fights over computers in all parts of the state.

Senior: (257,952 persons 65 or older): Senior citizens will be supported by the addition of ADA workstations which will allow for better access for wheelchairs. Additionally, local libraries will use the mobile laptop labs to visit senior centers for computer training. Screen magnifiers will be provided for seniors with low vision.

Youth (623,974 persons 18 or younger): Five of the public computer centers are in combined school/public library buildings. Additionally, many schools are near the other libraries with computer centers. The demand for computers in these facilities escalates at roughly 3:00 pm every day when school is over and children come to the library.

**Accessibility**

This project will significantly increase public computer access for the disabled. According to a Cornell University study, 166,000 Colorado citizens have sensory disabilities, and 324,000 are physical handicapped. In our service areas, we estimate 86,827 sensory disabled citizens and



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169,740 physically disabled citizens. Disability rates are especially high amongst poor and minority groups.

This project will enable library PCCs to implement workstations that meet Americans with Disabilities Act guidelines. Along with furniture and minor construction, this will make the PCC a welcoming place for the disabled. For this project, Rocky Mountain Disability and Business Technical Assistance Center (DBTAC), an ADA center that provides information on how organizations can meet the needs of the disabled, has provided guidance.

The CSL's Talking Book Library (TBL) and Special Populations Committee already have strong associations with regional ADA centers. We will work with each regional center to encourage their constituents to access ADA workstations and training in the public libraries. The TBL provides recorded, Braille and large-print books and magazines free to the visually and reading/print impaired.

#### Premises

Some libraries are requesting minor internal construction costs to make their PCCs more accessible. Changes include installing or improving ramps, automatic door openers, changing the height of sign-in desks, expanding the internal area available for ADA-compliant Workstations and providing appropriate furniture.

#### Workstations

The CSL has designed an ADA-compliant workstation to accommodate a variety of disabilities. 69 ADA-compliant workstations have been requested in this project. A hydraulic desk permits a wheelchair to fit underneath. A trackball is ideal for those lacking in fine motor control, or who have weakness/disability with the arms. Those unable to use a mouse or keyboard can control the operating system with speech recognition software, which can also convert speech into text for word processing, email, and Internet search.

For the partially sighted, screen-reading software can enlarge a portion of the screen and magnify one line at a time for reading. A high-contrast, large print keyboard enhances visibility. A scanner with OCR capability will be used in conjunction with the software package Kurzweil 3000, which translates scanned print or digital content into audio. To assist thvisually impaired,



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we have included JAWS which can synthesize speech from text content and output to Braille displays. Finally, each wheeled laptop cart comes with two portable laptop screen magnifiers to assist low vision users who attend laptop training sessions.

### Training

The Rocky Mountain DBTAC will provide on-site training, webinars, and educational materials to assist libraries in making their centers more usable for the disabled. Additionally, the project team will train library staff on ADA workstation software.

### Other Languages

Meeting the public Internet access and training needs of Spanish speakers is a primary goal of this project. This project will include training classes, PCC signage and online resources in Spanish. Colorado has one of the highest Hispanic populations (7th out of 50 states), and improving services among Spanish-speakers is a major priority for the CSL.

The Colorado State Library plans to hire at least one bilingual trainer to work on this project. In 2005, CSL created a Spanish language computer training program with a grant from the Bill and Melinda Gates Foundation. The curriculum and training materials from this program will be aggregated and made available on a portal that will include additional curricula developed by local libraries with Spanish language training.

The Colorado Department of Education's Language, Culture, and Equity unit including regional migrant services program will be working closely with the Colorado State Library and local libraries to promote computer classes and Spanish language library resources to the families they serve. Additionally, our partner College in Colorado will provide information sessions, printed materials and online resources for Spanish-speaking students on college admissions, financial aid, community colleges and online courseware. Our Adult Education and Family Literacy, as well as the GED unit, which Gene Hainer, State Librarian and Assistant Commissioner of Education, oversees, will also work with local libraries to expand access to programs for those whose primary language is not English. The CSL will work with these units to have local adult education facilities and GED testing centers partner with participating libraries in the promotion and use of PCC for at-risk populations.



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Furthermore, the public awareness campaign will be bilingual to engage this population in understanding the importance of computer use and 21st Century skills. Local libraries will reach out directly to Spanish language populations through local community centers, Hispanic agencies, neighborhood organizations, and area businesses which serve the needs of the Spanish language community. Public advertising including radio spots will air on local radio stations including the Spanish language radio stations.

Additionally, we will offer bilingual signage to the libraries to accompany the Spanish language collections and services.

Many local partners will provide training in Spanish. For instance, the Southwest Region Migrant Program will provide training in Spanish on computer literacy and financial aid programs, going as far as to assist with transportation to get immigrant families to classes. Another example is in Pueblo City where Project Literacy will be able to extend their English literacy programs using the wheeled laptop carts.

**Outreach**

**Public Computing Centers Outreach**

The Colorado State Library's outreach strategy will ensure maximum impact of training and computer increases. CSL will host a convening session in Fall 2010 to build local support. This event, in conjunction with the Bill and Melinda Gates Foundation, will include all partners and establish the project plans for computers and network enhancements, training, public awareness, and other activities related to the grant. The CSL will establish an advisory committee to provide guidance on project activities including the public awareness campaign.

CSL will develop a public awareness campaign to inform and inspire vulnerable populations to adopt broadband technology. The campaign will highlight the public computer centers, the training and activities associated with these centers, and the Internet can have on their lives. This campaign will include a bilingual component to reach the significant Spanish speaking population in Colorado. We will include our statewide and local partners in the dissemination of campaign materials to get full saturation. Using a combination of paid advertising, press releases at a state and local level, and public service announcements, we are aiming to reach a high number of citizens from vulnerable population groups. Our target is at least two impressions on



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each person in the service area, with a particular focus on vulnerable areas. In order to achieve this ambitious goal, we will need to heavily utilize press releases and public service announcements.

This campaign will include several components:

- CSL will train the local libraries in public awareness, provide sample press releases for community newspapers and newsletters, and develop marketing collateral that can be handed out in the library.
- Public advertising including radio spots will air on local radio stations including Spanish stations. Print advertising in local newspapers will also reach targeted populations.
- CSL will seek additional media partners to expand the campaign regionally.
- To reach specific populations locally in both urban and rural areas, we will develop local media kits for each partner. These marketing kits will include press release templates, strategies for reaching out to local media, posters, bookmarks, magnets, or other materials to be distributed to partners such as the school, religious institutions, work force centers, community centers, senior centers, grocery stores, and other areas frequented by target populations.

Based on recent marketing campaigns developed in Colorado library districts in addition to estimates from marketing firms, our marketing campaign budget breaks down as follows:

- Campaign conceptual development: \$30,000
- Development of campaign collateral including media kits, local materials, print advertising, and radio or television spots: \$50,000
- Placement costs for advertising in newspapers and radio stations: \$50,000
- Total cost: \$130,000

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

- 250000

**Training and Education**

**Peripherals and equipment**



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Peripherals requested for this project focused on creating a quality computing and training experience. CSL communicated to libraries that peripheral and network equipment requests had to be linked to the project goals of expanding PCC capacity and training.

The wheeled laptop carts have a built-in wireless connection that allows all the laptops to connect using a single Internet jack. They also have a power station with a trickle charge battery that allows all the laptops to charge from one outlet. An example is EarthWalk's Mini+Max Charging Laptop Storage Cart w/ Wireless Networking. Each cart comes with a projector for the purposes of training.

Overall, libraries requested 79 printers, 43 scanners, 62 webcams and 579 sets of headphones to accompany workstations. For the printers, we allocated for an HP LaserJet 3005 or equivalent based on print speed, volume and durability requirements.

Libraries also requested equipment for network upgrades (routers, servers, switches, cabling, wireless access points, etc.), along with network technician costs to prepare networks for increased usage. Network equipment requests were based on IT staff assessments.

Additionally, some libraries requested specialized equipment such as software, A/V equipment, video and digital cameras, Wi-Fi tablet computers. In all cases, CSL ensured the expenses contributed towards meeting project goals. Finally, security equipment such as cables and locks is being requested.

**Workstation software**

Each public computer will have access to the following software, along with resources/software at a local level:

- Office 2007 (w/ Word and Excel)
- Deep Freeze (Secure computing)
- Internet Browsers (Internet Explorer, Firefox or Chrome) for with pre-loaded e-Resources and educational portals links
- Anti-Virus/Spyware
- Print Management
- Acrobat Reader
- Links to project surveys to establish usage





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-Learning Exchange Library which includes practice tests for GED, GRE, SAT, ACT, civil service exams and citizenship, ESL courses for Spanish-speakers, Advanced Placement practice exams, Job and Career Help Center and practice for TOEFL

-Access to library catalogs

-State resources incl. AskColorado, Colorado Historical Newspapers, and the Colorado Virtual Library

-Access to e-resources made available at reduced cost by the state including:

- Academic Search/Business Source Elite
  - Article First
  - Chilton Automotive
  - EBSCO
  - Newspaper Source
  - Regional Business News
  - TOPICsearch
  - World Cat Global Library Catalog
  - Contemporary Authors and Literary Criticism
  - Multiple specialized encyclopedias
  - Spanish-language resources incl. Fuente Academica, MedicLatina, and ClasePeriodica
- Job/Career and Small Business Resources including:
- Connecting Colorado
  - CareerReady Colorado Certificate
  - WorkKeys
  - E-Colorado Online Workforce
  - ReferenceUSA
  - BusinessDecision
  - Business & Company Resource Center
  - Business Source Premier
- Locally procured e-resources

**Training and education programs**

Three fundamental components of the "Bridging the Great Colorado Digital Divide" program are computers, partners, and training. Local communities are rallying behind this application because they recognize this once in a lifetime opportunity to bring more computers, more training opportunities, and more ways for local and state agencies to work together to meet the demands of Colorado's underserved and vulnerable populations.



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The grant includes three regional trainers for two years to work with the 76 facilities in six major areas. Their primary focus will be the training of library staff to increase the library's ability to partner, maintain the computers and networks, and sustainably conduct impactful computer-related training to the public.

Other key roles the trainers will be:

- Training on the use of wheeled laptop carts for community engagement including instruction on communicating availability, setup of wireless connection and properly maintain and secure equipment
- Training for the public at library/reservation public computer centers to increase the community's computer skills and broadband adoption (the temporary staff will do public training in year 1 and develop sustainable local resources for training by the end of year 2)
- Developing training curriculum including courses in Spanish in basic computer skills, Microsoft skills, email, file sharing, online job search and application, online college resources, online research for business development, eGovernment, tax assistance, support for GED attainment, and statewide resources
- Developing regional networks of trainers who meet quarterly to share resources, support each other in training, and build a long-term regional network for local training infrastructure
- Training on technology planning and E-rate in regional locations for PCC staff to plan a sustainability model for future broadband and computer capacity

A January 2010 focus group of library trainers indicated that large numbers of at-risk populations (Hispanics, Native Americans and elderly, in particular), are showing up for library computer classes with little or no experience with computer use. The first task of this grant is to bring these populations into the local library through the public awareness campaign. Then training will be conducted in basic computer skills as well as Word, Excel and other standard programs which are used in work environments. Gradually, the at-risk populations will progress in comfort to be able to attend computer-based classes on education, health, job searching, and other resources. We will design training and curricula that encourages repeat visits to classes, increased proficiency, and a habit of computer use and online social engagement. In order to get targeted populations to adopt 21st century skills and broadband for life, our training program will include both in-person and online training. We will measure effectiveness in several ways including repeat use.



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Our 76 participating PCCs will offer an average of three in-person or online classes a week in 2011 and 2012. Along with basic computer skills training, local libraries will host computer classes using our statewide training partners: National Library of Medicine, College in Colorado, regional partners such as work force and economic development. As indicated earlier, regional trainers, funded by the BTOP grant, will provide training to library staff beginning with 1-2 classes per month in each location. With 76 locations, we view 10,000 training sessions open to the public as a viable goal for 2011 and 2012. Additionally, one-on-one support for computer use will be conducted on an as-needed basis within the library using these additional computers.

Furthermore, we will leverage learning from the highly successful pilot mobile laptop lab project run by Adams State College, where participants filled out evaluation forms after receiving technology training from librarians and hired trainers. The participants rated content effectiveness at 4.53 out of 5, and instructor effectiveness at 4.66 out of 5. On average, 9 participants attended each session.

Colorado State Library staff will provide training related to our statewide online resources including AskColorado, Colorado Virtual Library, Colorado Historic Newspapers Online, and Interlibrary Loan. CSL staff will provide a minimum of 12 in-person classes in 2011 and 2012 at participating libraries. These hands-on trainings will include search tips for finding and ordering library materials from other libraries, getting one-on-one help with research questions via AskColorado, and research tips for using online newspapers, historic photographs, and other digitized historic resources.

Additionally, many Colorado students utilize distance learning programs. However, public Internet access capacity often constrains the amount of time students can spend accessing these programs. With the additional computers that will be provided as part of the Bridging Colorado's Great Digital Divide project, more distance learners will be supported. Computers will now be available for student research and access to online courseware including the Colorado Community College E-learning Program. Thus, while the focus of the project is on training, many valuable residual benefits will result for participating communities through the acquisition of the equipment.

Locally, libraries have and will continue to identify partners to expand training using these computers. For example, in Red Feather Lakes, the emergency services agency is partnering with



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the local library to utilize the computers to access online training on wildfire response. In Lamar, the high school chapter of Future Business Leaders of American has asked to use the computers to provide basic computer training for the community. In Cortez, the Sleeping Ute Mountain Chapter of D.A.R. is preparing to use the computers for genealogy classes.

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

- 90000

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

- 3

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

- 3

## F. Project Budget

Project Budget	
<b>Federal Grant Request</b>	\$2,275,526
<b>Total Match Amount</b>	\$1,070,195
<b>Total Budget</b>	\$3,345,721
<b>Match Percent</b>	32.0%

**Projects Outside Recommended Funding Range:**

- 

**Sustainability:**

The Colorado State Library see providing sustainable access to statewide virtual access and funding for electronic resources as two of its most critical goals outlined specifically in its



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strategic plan. The CSL is strongly committed to sustaining the increase in public computer center capacity and training that would arise from this grant.

### Sustaining Centers

Local library funding supports staffing, rent and electricity in library PCCs. At current levels, libraries can maintain staffing and support PCCs, but have insufficient budgets to expand PCCs and replace old computers, hence the need for this grant.

The CSL also has the following funding sources that contribute to making public access computer centers sustainable:

- State funding: The CSL receives \$1.3 million dollars in state appropriations and \$1.5 million in additional state funds for library initiatives such as audio resources, online resources, and resource sharing.
- Library Services Technology Act (LSTA) Funding: Colorado’s annual \$2.6 million in funding is used to support libraries including technology, support for community learning, and support for special populations.
- E-rate/Universal Service Fund: Colorado libraries have received commitments for disbursement of 2009 E-rate funding with a total of \$882,715 to pay for connectivity. The CSL works with libraries to secure the appropriate connectivity. The Gates Foundation has provided \$150,000 for the CSL to provide support eRate training and support to libraries to increase connectivity sustainably for the long-term.

### Sustainability through Training and Outreach

This grant will include substantial training for library PCC staff, who will continue to provide training and support in the public computer centers after the grant ends. Furthermore, libraries that are participating in this grant are required to report back to the CSL on outreach to community groups, something we will continue after the grant to ensure sustained commitment to local engagement. The development of a training database and regional training networks will also help local libraries maintain their training after the grant cycle.

### Sustainability through Outcomes Measurement



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Project outcomes will be measured using a project model adapted from Counting on Results (CoR). Built upon the Public Library Association Planning for Results, the CoR model asks library patrons about the outcome of their recent library visit. For this project, the service responses (groups of outcomes) would be customized to measure outcomes specific to the Public Computer Centers in Colorado Libraries project and administered and analyzed by Colorado Library Research Service. Their outputs will be measured for strategic planning to enhance PCC access in the future. Project outputs and outcomes will be reported and published to the public.

<b>Matching Funds</b>	
<b>Applicant is providing matching funds of at least 20% towards the total eligible project costs?</b>	Yes
<b>Describe the matching contributions</b>	<p>The total match is \$1,070,195. At the current project budget of \$3,345,721, this is a 28.6% cash match and 3.4% in-kind match (32.0% aggregate match). The Gates Foundation will provide a cash match of \$753,776. Additionally, local libraries will provide a cash match of \$201,793 for a total cash match of \$955,569. Another \$114,627 will be provided by the CSL and project partners in the form of in-kind match.</p> <p>Cash match (Total \$955,569, 28.6% cash match)</p> <p>Bill and Melinda Gates Foundation: (\$753,776, 22.5% of total match) \$640,000 in cash match in support of the project, contingent on the CSL receiving a BTOP award for this project. The grant will be paid in two equal installments, once shortly after notice of receipt of the BTOP award, and the 2nd payment one year after the first payment. \$113,776 in pre-application expenses paid to the project and grant development consultant (actual cost of \$119,125, capped at 5% of federal grant request).</p> <p>Local Libraries: (\$201,793, 6.0%) Libraries contributed a total of \$201,793 in cash match towards their</p>



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	<p>equipment, construction and installation costs. These funds come largely out of operating budgets for libraries, Friends of Library Associations, or private local library supporters. Twelve libraries were unable to provide the cash match. However, it was determined these libraries have a strong demonstrated need and the CSL waived the match requirement.</p> <p>In-kind match (Total of \$114,627, 3.4% match)</p> <p>Colorado State Library: (\$94,726, 2.8%)          \$45,395 - 1 Director of Library Development to supervise project (.2 FTE) for 3 years at a salary of \$75,659 / year, for a total of \$45,395 (provided in-kind by CSL).          \$9,079 – Fringe benefits for Director of Library Development at 20% of \$45,395 in salary expense.          \$40,252 - Training to library staff provided by CSL staff for a two year period. Cost breaks down as \$18,600 for staff expense (5 weeks, 3 staff members) and \$21,652 for travel expenses.</p> <p>UC/Denver National Network of Libraries of Medicine (\$9,900, 0.3%)          \$9,900 in the form of in-kind services in the form of consumer health related training programs for library staff and the public. This total includes costs for trainer time, travel and printed materials.</p> <p>Denver University / Colorado Library Research Service (\$10,000, 0.3%)          \$10,000 in the form of in-kind services to assist with survey data collection and analysis.          The CSL will document the time and activities of staff members for audit purposes so that matching amount can be verified.</p>
<b>Unjust enrichment</b>	This project has not received or applied for any Federal support for any costs related to the project outside of this grant application.
<b>Disclosure of federal and/or state funding</b>	Federal and State funding sources are complementary to our project, and are not redundant with any projects costs.



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<b>sources</b>	<p>State and Federal Funding Sources used to support operating budget of libraries include:</p> <ul style="list-style-type: none"> <li>•State funding: The Colorado State Library receives \$1.3 million dollars in state appropriations and \$1.5 million in additional state funds for library initiatives such as audio resources, online resources, and resource sharing.</li> <li>•Federal IMLS Library Services Technology Act (LSTA) Funding: Colorado’s annual \$2.6 million in funding is used to support libraries including technology, support for community learning, and support for special populations.</li> <li>•E-rate/Universal Service Fund: Colorado libraries have received commitments for disbursement of 2009 E-rate funding with a total of \$882,715 to pay for connectivity.</li> </ul> <p>Specific state/federal funding at a local level includes:</p> <p>Conejos: In 2008, Conejos received Department of Local Affairs grant of \$6,000, to renovate and buy computers for our Antonito Branch. Conejos is currently applying for a \$300,000 USDA grant to renovate the La Jara library.</p> <p>Delta County: Paonia and Crawford libraries received construction funding including a total of \$54,800 in DMEA and \$922,500 from DOLA and \$25,000 in USDA.</p> <p>East Morgan County: Awarded a Division of Local Affairs grant for \$198,700 in August 2009 for building expansion that began in October of 2009.</p> <p>LaJunta: USDA application pending for the facilities grant of \$200,000 for the building rehabilitation project.</p> <p>Spanish Peaks: Library expansion received \$758,000 in DOLA funds and \$25,000 in USDA rural funds.</p> <p>Federal Institute of Museum and Libraries (incl. LSTA Grants)</p>
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	<p>Alamosa: LSTA grant awarded September 2009 to the San Luis Valley Technology Learning Project – This project is a collaboration of 9 libraries in the San Luis Valley for a one year project. The total granted to the project was \$72,559 – this was to purchase computers for teaching classes and pay for a technology trainer through October 2010. This project, which utilized a mobile laptop cart, provided key learning and data that gives us confidence and guidance for the Bridging the Great Digital Divide project.</p> <p>Denver Public Library: 2007 IMLS "Creating Communities" (3-year grant) for Central Library Digitization Lab -- Received Scanners, Computers, Peripherals, Software, Storage System - \$44,624 for equipment, plus \$40,057 for installation and maintenance</p> <p>2008 LSTA "Technology Empowerment" (1-year grant) Community Technology Center – Received Software licenses (\$4,165) and Hardware (network switches, interface care, data cabinet (\$7,488). This was a small grant to support training related initiatives that will be complementary to our project goals.</p> <p>High Plains: \$20,000 LSTA grant to open the SE Greeley Literacy Center in 2010. It will be operated by Lincoln Park staff. The computers funded in our current projects would support the literacy training.</p>
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<b>Budget Narrative</b>	
<b>Budget narrative</b>	<p>The total project cost is \$3,345,721 is broken down below:</p> <p>Personnel/Fringe Benefits: (\$624,715) Personnel for implementation, training and compliance. Includes Project Manager for 2 years at a salary of \$57,600 and 3 Trainers for 2 years at \$48,000. Compliance Manager will cost \$57,600 at .5 FTE for 2.5 years. CSL will provide .2 FTE of a Director for oversight at \$75,659. Benefits are 20% on top. Total of \$520,595 for salaries and \$104,119 for benefits.</p> <p>Travel: (\$64,962) Travel costs to conduct training and implementation</p>



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	<p>are based on 12 visits per library. Per series of regional trips, the cost is \$5,413 (x 12 = \$64,962).</p> <p>Equipment: (\$2,085,395) Requests were closely scrutinized by CSL management. Equipment costs include the following:  451 desktops @ \$700 = \$315,700  692 laptops @ \$900 = \$622,800  1,212 service contracts @ \$150 = \$181,800  69 ADA workstations @ \$4,063 = \$280,347  55 mobile computing center carts @ \$2,498 = \$137,390  1,212 copies of security software @ \$75 = \$90,900  1,212 copies of office suite software @ \$100 = \$121,200  79 printers @ \$500 = \$39,500  43 scanners @ \$250 = \$10,750  579 headphones @ \$20 = \$11,580  62 webcams @ \$100 = \$6,200  64 video projectors @ \$512.50 = \$32,800  179 screen magnifiers @ \$45 = \$8,055  Networking equipment (including routers, switches and cables) @ \$64,685  Furniture @ \$120,823  Miscellaneous requests incl. software, A/V equipment, digital cameras, Wi-Fi tablet computers and security @ \$37,435.</p> <p>Contractual: (\$99,390) Includes 39 instances of one-time networking support at \$500 each (5 hrs of a network technician @ \$100/hr = \$19,500). Electrical/networking work to support PCC implementation total \$65,690. Installation fees total \$14,200.</p> <p>Construction: (\$13,500) Minor construction to enhance accessibility at 5 libraries.</p> <p>Other: (\$356,428) This includes:  •Outcomes measurement budget of \$27,500 for post-card survey and postage  •Public awareness campaign costs of \$130,000. Includes campaign</p>
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	<p>conceptual development at \$30,000, development of collateral for \$50,000, and advertising placement costs of \$50,000</p> <ul style="list-style-type: none"> <li>•Spanish-language signage for PCCs at \$25,000</li> <li>•Training costs from Network Libraries of Medicine of \$9,900, in-kind</li> <li>•Personnel for survey data analysis provided by LRS. Cost of \$10,000, in-kind.</li> <li>•Training to library staff by CSL for 2 years at a cost of \$40,252. Cost is \$18,600 for staff expense (5 weeks, 3 staff members) and \$21,652 (4 trips @ \$5,413) for travel (provided in-kind by CSL)</li> <li>•Pre-application expense of \$113,776 paid for by Gates Foundation to proposal development consultant</li> </ul> <p>Indirect costs: (\$101,332): Calculated from marketing, personnel and program spend using rate of 11.2% for year 1 calculated based on federal circular. 12% was used for year 2, and 13% was used for year 3 based on guidance of CSL fiscal officer.</p> <p>Our intention is to spread training and equipment costs equally between year 1 and 2, with year 3 focused on compliance and project closure.</p>
<b>Budget reasonableness</b>	<p>To arrive at budget estimates, the CSL utilized best practices approaches for each cost item. To determine the unit cost assumptions and rules for allocating equipment required, the following methodologies were employed:</p> <p>Survey: An extensive questionnaire was sent to the 76 participating PCCs to understand their capabilities, their perceived current and future PC needs, and perceived peripheral and network equipment needs.</p> <p>Management Review: CSL management reviewed each request to ensure appropriateness versus library size, staffing level and need. Large requests, such as a 50" inch LCD monitor for a training room, tablet computers, and high end digital AV equipment were closely vetted to ensure that their use would fit with the project goals. When</p>



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	<p>they were not deemed in-line with grant objectives, they were removed.</p> <p>Online research: Reliable industry and vendor websites were used as sources of information to gather information on typical products used, product configurations, cost information and usage patterns.</p> <p>Expert Interviews: Throughout the application development, technology experts were interviewed to verify cost information appropriate equipment configurations.</p> <p>Comments on specific cost areas:</p> <p>Personnel/Benefits: Salaries for these positions were determined using standard Colorado Department of Education salary scales for the required level of talent and includes a required 20% inclusion for benefits.</p> <p>Travel: To arrive at that number, the mileage, per diem and estimated overnights costs were based on regional trips in which trainers could sweep through a region of Colorado and visit 4 – 20 libraries (average is 8 in most regions) per trip.</p> <p>Equipment: PC requests were then checked against the estimated increase in patrons, current patron demand and wait times, and the current number of computers for library survey. Additional PCs were allocated to replace computers installed in 2006 or earlier. Selected price points for PCs balance longevity, performance and cost. Of the 1,212 desktop/laptops being requested, 404 are replacing PCs that are 2006 or older. We anticipate a 50% increase in usage based on a 68% increase in computers. Given that some sessions will be devoted to high value training, we feel this ratio is reasonable. For ADA workstations, the solution was vetted by several experts in assistive technologies, and the grant development consultant contacted vendors for cost estimates.</p>
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	<p>Equipment such of printers, scanners and projectors was based on library request then reviewed by CSL management.</p> <p>Laptop carts: Wheeled laptop carts include integrated wireless router and power station to permit charging and connectivity from a single jack/socket. Priced by contacting providers.</p> <p>Contractual: Costs based on preliminary library estimates and service provider research.</p> <p>Other: Marketing costs based on past CSL campaigns.</p> <p>Indirect Costs: Based on federally approved rates provided by CSL finance</p>
<b>Demonstration of need</b>	<p>Without BTOP funding, much-needed public access computers and extension of training will not be an option without BTOP funding. Colorado, like many states, is dealing with the financial traumas brought about by the national recession. Unlike other states, this marks the second significant economic downturn in the last ten years. During the last financial crisis that began in 2001, the Colorado State Library endured a loss of nearly 77%, (over \$8 million) of its state revenues designated for library services and technology that was never restored. The already tight budgets are now facing further cuts in this new downturn. The FY09-10 Long Bill eliminated \$1,000,000 for statewide database support to libraries.</p> <p>A Supplemental Appropriation to the Department of Education for FY09-10 reduced the State Library salaries and operating amounts by an additional \$20,013. Forecasts for FY10-11 indicate an additional 5% (approximately \$38,000) reduction in General Operating Funds. Despite past and expected future losses, the State Library maintains a high level of service by leveraging the remaining state funds with federal funding, prioritizing services, seeking low-cost alternatives to basic services, and being resourceful to support existing programs and</p>



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	<p>activities. Because an upturn in the state’s economic condition is not expected anytime soon, the CSL and local partners would be unable to cover expenditures for the proposed public computer center project.</p> <p>As indicated in budget document contained in other sections of this application, the state general fund support is \$975,080 with federal and ‘other’ sources at just under \$2 million. These amounts are dedicated to staff salaries and operating costs.</p> <p>As the state works to address current shortfalls of over \$1 billion for FY10-11, more pressure will be placed on local counties and libraries as the collection of property and other taxes also remains low. Libraries that derive revenue from property taxes are already expecting even greater reductions in operating funds in 2011-2012 due to decreased property values. While libraries are working to maintain high service levels for their communities and meet the ever-increasing demands for materials and assistance, without this grant they will not be able to purchase the computers and obtain other materials that will be provided through this program.</p> <p>The participating libraries have been identified through a thoughtful and rigorous selection process that assures the facilities involved are of the greatest need, yet, due to the state and local economies, are least able to afford the hardware, software, and related support made available with this BTOP grant. These libraries are typically able to sustain staffing levels with local funding, but cannot afford new equipment. Purchase of the sorely needed public Internet access computers and expanding training will not be possible without BTOP funding.</p>
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**Funds to States/Territories**

States	Amount of Federal Grant Request
Colorado	2,275,526



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**Funds to States/Territories Total:** \$2,275,526

### G. Historical Financials

<b>Matching Funds</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Revenue</b>	5,364,033	5,301,097	6,697,613
<b>Expenditures</b>	5,364,033	5,301,097	6,697,613
<b>Net Assets</b>	440,608	388,315	318,078
<b>Change in Net Assets from Prior Year</b>	-54,597	-52,293	-70,237
<b>Bond Rating (if applicable)</b>	N/A	N/A	AA3 - Moody's State Shadow Rating

### H. Public Computer Center Summary

<b>Jobs</b>	
<b>How many direct jobs-years will be created from this project?</b>	10
<b>How many indirect jobs will be created from this project?</b>	13
<b>How many jobs will be induced from this project?</b>	13

**Methodology used to estimate jobs:**

In estimating jobs for this project, we have adopted the approach recommended by the Council of Economic Advisor's guide to job creation estimates.

1. Take total project spend (\$3,345,721) and divide by \$92,000 to estimate "Total Job Years": 36
2. Multiply total job years (36) by 36% to estimate "Induced Job Years": 13
3. The remainder (23) is the "sum of Direct Job Years and Indirect Job Years".



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At this point, we have elected to report the actual job years which will be created in this project, rather than identifying spending on what might be termed “Direct Jobs”, and then dividing by \$92,000. We believe this approach better reflects the manner in which this project will create jobs, and aligns with other reporting on job creation.

To calculate Direct Job Years, we simply multiply the following factors for each paid staff category, and sum the total:

1. Number of Employees and Contractors
2. Length of tenure
3. % FTE

This gives a final value of 10 Direct Job Years.

Subtracting the “Direct Job Years” (10) from the “sum of Direct Job Years and Indirect Job Years” (23), gives us “Indirect Job Years” (13).

Hence, and in summary, we estimate the following Job Years:

- Total Job Years: 36
- Direct Job Years: 10
- Indirect Job Years: 13
- Induced Job Years: 13

<b>Proposed # of Public Computer Centers</b>	
<b>Schools (k-12)</b>	0
<b>Libraries</b>	67
<b>Medical and Healthcare Providers</b>	0
<b>Public Safety Entities</b>	0
<b>Community Colleges</b>	0
<b>Public Housing</b>	0
<b>Other Institutions of Higher</b>	0





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<b>Education</b>	
<b>Other Community Support Organization</b>	9
<b>Other Government Facilities</b>	0

**Total Proposed Public Computer Centers**      76

**Current Total Persons in Service Area**      2533974

<b>Minority Serving Institutions</b>	
<b>Historically Black Colleges and Universities</b>	0
<b>Tribal Colleges and Universities</b>	0
<b>Alaska Native Serving Institutions</b>	0
<b>Hispanic Serving Institutions</b>	0
<b>Native Hawaiian Serving Institutions</b>	0
<b>TOTAL MINORITY SERVING INSTITUTIONS</b>	0

<b>Weekly Usage Summary</b>	
<b>Total Current # of Persons Served per 120-hour Business Week</b>	43001
<b>Total Proposed # of Persons Served per 120-hour Business Week</b>	64287



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<b>Total Current # of Persons Served per 48-hour Weekend</b>	9736
<b>Total Proposed # of Persons Served per 48-hour Weekend</b>	14772

<b>Broadband Workstation Summary</b>	
<b>Number of Current Workstations proposed to be upgraded</b>	404
<b>Total Current # of Broadband Workstations</b>	1184
<b>Total Proposed # of Broadband Workstations</b>	1992
<b>Average Current Facility Broadband Connection Speed</b>	19.80 Mbps
<b>Average Proposed Facility Broadband Connection Speed</b>	20.10 Mbps

## I. Project Readiness

### Licenses and Regulatory Approvals

This confirms that no local, state, or federal licenses/approvals are required to complete this project.

### Organizational Readiness

The Colorado State Library has a highly effective management team with a commitment to providing free and public Internet access to Colorado's citizens. The CSL's history includes executing many technology projects at the state and local level effectively. As evidence of its management effectiveness, the CSL is 2nd out of 50 states in per capita visits despite a budget much smaller than comparable states in size and population.

The CSL's current and ongoing experience with federal grants includes reporting, compliance, and/or support for local library implementation and compliance on the following:



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1. Library Services and Technology Act (LSTA) grant of \$2,612,764 in fiscal year 2009, including annual local grants to libraries totaling \$246,000.
2. Federal data center – CSL’s Library Research Services (LRS) gathers and contributes data and statistics to the federal IMLS Library Statistics program for Public Libraries and the State Library surveys. Additionally, LRS conducts input, output, and outcome-based evaluation of library services and programs in Colorado and nationally.
3. The CSL manages \$1.3 million dollars in state appropriations and \$1.5 million in additional state funds for library initiatives such as audio resources, online resources, and resource sharing.

Recent relevant projects include:

1. Colorado Historical Newspapers Collection: Working in conjunction with the Colorado Historical Society archives, the CSL digitizes, houses, and makes available 163 newspapers online and over 530,000 pages from 60 towns and 40 counties of Colorado.
  2. Colorado Virtual Library: Creation of statewide repository of digital collections and access to 145 Colorado library online catalogs.
  3. AskColorado: statewide live online chat reference service which includes 74 partner libraries and over 300 trained library professionals throughout Colorado who provide live, online one-on-one research support for Colorado residents.
  4. Summer Reading Program: State-level summer reading campaign with 96 libraries participating annually including marketing materials distribution, mini-grants to 70 libraries, and gathering of local input and outcome based evaluations.
- Local libraries have local procurement procedures to purchase, install and maintain computers and networks. For this project, they will attend in person and online training and provide annual statistics to CSL and LRS for compliance and analysis.

CSL has experience working with its libraries using sub-recipient approach. Sub-recipients are trained through the use of webinars and print materials before the receipt of federal funds. Compliance is monitored through continuous communication required mid-year and annual reports. Additional checks and balances through the Department of Education’s accounting and budgeting offices assure full compliance with state and federal procurement and expenditure rules.

**Project Timeline and Challenges**

Aug-Oct 2010



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- Upon project award, staff Project Team (PT)
- State Library (SL) hosts Denver convening to launch project with all partners; initial staff training in key program areas
- SL provides technology planning training, local network analysis
- SL develops evaluation plan and schedule to track use and impact of PCC
- PT/local IT establishes plans for equipment purchase (to occur in two waves to ensure proper deployment support) and recycling of old equipment  
Nov/Dec 2010
- Phase I of technology purchase/implementation begins
- Establishment of training database, aggregation of current training curricula and work with local/ state partners to establish training schedule for PCC locations for 2011, 2012
- Selection of public awareness campaign concept, development of collateral for campaign  
Jan-June 2011
- Webinars on grant tracking, accounting, evaluation, and compliance
- PT works with partners on procurement and training implementation
- Public awareness campaign begins; local media kits are sent to partners; training conducted in person and online
- Training team works with community colleges to establish training partnerships for Fall roll out of student internships where appropriate  
Aug-Dec 2011
- Equipment purchase for 2nd phase of equipment rollout in line w/ 2nd Gates funding disbursement
- Mid-term evaluation through Library Research Services to establish benchmarks and determine improvements for year 2
- Intensive technology planning training to focus on sustaining computers with maintenance and replacement schedules  
Jan-Sep 2012
- SL training on state resources at PCC for general public and partner staff
- Continue work on local and regional infrastructure for training sustainability after year 2
- PT do final site visits to confirm successful completion of PCC implementation
- PT and SL staff provides final reports on public awareness campaign and project evaluation  
Oct 2012 – Oct 2013
- Continuation of partnerships with local and state agencies
- Compliance and accounting close-out
- Continued monitoring and reporting on library local outreach strategies



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Quarterly reports will be supplied to the NTIA throughout.

**Key Risks / Mitigation**

Three primary risks have been identified.

1. The CSL must find appropriate staff for each position in an expedient timeframe. CSL will mitigate this risk by conducting an aggressive search for the exceptional talent upon grant award.
2. Maintaining local partners for ongoing training. To mitigate this, CSL will train on best practices in partnerships. CSL will require reports from partners to monitor local outreach and training. Reports will continue after the conclusion of the grant as part of the CSL's long-term community engagement strategy.
3. To ensure full utilization of the PPCs, we conducted library surveys on demand and allocated PCs ensuring the number requested is in line with forecasted usage increases. Our outreach strategy will ensure the PCs are fully utilized

**SPIN Number**

## **J. Environmental Questionnaire**

**Does this PCC application have construction or ground disturbing activities?**

Yes

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.

**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.**



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**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?**

**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.**

Please refer to Environmental Questionnaire - Part 2.

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

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

Our project is highly focused around training and teaching library patrons on computer/Internet skills.

**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.**

**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?**



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## K. Environmental Questionnaire – Part 2

### Project Description

Only five locations have potential for minor construction activities. Construction pertains to very minor maintenance of existing facilities, particularly to improve handicapped accessibility. Please see below for description of activities in each location:

- Multi Jurisdictional - Ordway / Combined Community Library: work would replace current old steps on the South entrance with a handicapped accessible ramp in addition to installing automatic doors designed for handicapped access
- Denver Public Library - Valdez-Perry Branch: work would remove shelves and furniture to clear space for expanded public computing center space
- Gunnison County Library District - Ann Zugelder Library: work would re-model its main front circulation desk where PCC users sign-in to lower the height for the wheelchair-bound and move shelving to create space for an ADA-compliant computer workstation
- Holyoke / Higginbotham Library: work would install a handicapped accessible ramp for the main entrance to the building
- Upper San Juan Library District - Ruby M. Sisson Memorial Library: work would install an automatic door opener for wheelchair accessibility at the main entrance to the library

### Property Changes

Proposed property changes are either minor, purely internal activities or involve adding handicapped accessible ramps / doors at existing entrances. As such, no material amounts of property are expected to be cleared, excavated, fenced or otherwise disturbed by the project. Minor work will fully comply with current zoning designation for each library. No portion of this project is proposed to be on public land owned or managed by the federal government.

### Buildings



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Proposed property changes are either minor, purely internal activities or involve adding handicapped accessible ramps / doors at existing entrances thereby minimizing any potential impacts.

**Wetlands**

No wetlands are present or near project sites affected by construction.

**Critical Habitats**

Based on our assessment, no project sites will directly or indirectly affect any threatened, endangered or candidate species or are within or near critical habitats.

Please see below for list of endangered/threatened species in counties with construction, based on US Fish and Wildlife Service's website.

Archuleta County (Upper San Juan Library District - Ruby M. Sisson Memorial Library)

- Crane, whooping (*Grus americana*) (endangered)
- Ferret, black-footed (*Mustela nigripes*) (endangered)
- Flycatcher, southwestern willow (*Empidonax traillii extimus*) (endangered)
- Lynx, Canada (*Lynx canadensis*) (threatened)
- Owl, Mexican spotted (*Strix occidentalis lucida*) (threatened)
- Plover, piping (*Charadrius melodus*) (threatened)
- Sucker, razorback (*Xyrauchen texanus*) (endangered)
- Wolf, gray (*Canis lupus*) (endangered)

Crowley County (Ordway / Combined Community)

- Crane, whooping (*Grus americana*) (endangered)
- Ferret, black-footed (*Mustela nigripes*) (endangered)
- Tern, least (*Sterna antillarum*) (endangered)
- Wolf, gray (*Canis lupus*) (endangered)

Denver County (Denver Public Library - Valdez-Perry Branch)

- Crane, whooping (*Grus americana*) (endangered)
- Ferret, black-footed (*Mustela nigripes*) (endangered)
- Mouse, Preble's meadow jumping (*Zapus hudsonius preblei*) (threatened)
- Tern, least (*Sterna antillarum*) (endangered)





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- Wolf, gray (Canis lupus) (endangered)

Gunnison County (Gunnison County Library District - Ann Zugelder Library)

- Butterfly, Uncompahgre fritillary (Boloria acrocne) (endangered)
- Chub, bonytail entire (Gila elegans) (endangered)
- Chub, humpback entire (Gila cypha) (endangered)
- Crane, whooping (Grus americana) (endangered)
- Ferret, black-footed (Mustela nigripes) (endangered)
- Sucker, razorback (Xyrauchen texanus) (endangered)
- Wolf, gray (Canis lupus) (endangered)

Philips County (Holyoke / Higginbotham Library)

- Crane, whooping (Grus americana) (endangered)
- Ferret, black-footed (Mustela nigripes) (endangered)
- Wolf, gray (Canis lupus) (endangered)

**Floodplain**

No project-related construction activities are within floodplains for this project.

**Protected Land**

Three locations with potential for minor construction activities as part of this project are within 1-mile of properties listed in the National Register of Historic Places. None of the work at two of locations would have any impact.

The only exception is the Holyoke-Heginbotham Library, which is a historic site in good condition built in 1917. The minor work to install a small handicapped accessible ramp for the main entrance to the building would not affect the character of the building or alter/impact the building in any significant way. The CSL has already discussed activity in detail with Holyoke-Heginbotham Library management who had no concerns. The CSL has also consulted with the State Historic Preservation Office, and will work with that organization and Holyoke Library to follow all required procedures around installation of small handicapped accessible ramp.

We have attached a list of sites, as well as a photo of the Heginbotham Library in the Environmental Questionnaire Supplemental Attachment.



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**Coastal Area**

No coastal areas are present or near the project.

**Brownfield**

No brownfield areas are present or near the project.



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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	Management Team Upload v2.pdf	Morris, Sharon	03/10/2010
Government and Key Partnerships	State and Local Project Partners.pdf	Morris, Sharon	03/11/2010
Government and Key Partnerships	Letters of Participation - Sub-Recipients.pdf	Morris, Sharon	03/14/2010
Historical Financial Statements	CO Historical Financial Statements.pdf	Morris, Sharon	03/10/2010
Public Center Detail	CO BTOP PCC Capacity v3.xlsx	Morris, Sharon	03/14/2010
Detailed Budget	Colorado Detailed Budget v5.xlsx	Morris, Sharon	03/14/2010
BTOP Certifications	BTOP Authentication and Certifications.pdf	Morris, Sharon	03/08/2010
SF424 Budget (A or C)	SF-424 Final.pdf	Morris, Sharon	03/11/2010



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SF424 B and D Assurances	CO SF-424B.PDF	Morris, Sharon	03/10/2010
Supplemental Information	Letters of Support - Part 1 of 2.pdf	Morris, Sharon	03/11/2010
Supplemental Information	Environmental Questionnaire Supplemental Attachment.pdf	Morris, Sharon	03/13/2010
Supplemental Information	Letters of Support - Part 2 of 2.pdf	Morris, Sharon	03/14/2010
Supplemental Information	PCC Capacity Table Additional Notes.doc	Morris, Sharon	03/14/2010