



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

Submitted Date: 3/15/2010 2:16:17 PM		Easygrants ID: 6260	
Funding Opportunity: Public Computer Centers		Applicant Organization: LIBRARY & ARCHIVES COMMISSION, TEXAS STATE	
Task: Submit Application - Public Computer Centers		Applicant Name: Christopher Jowaisas	

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A. General Application Information

1. Applicant Information	
Name and Federal ID for Applicant	
DUNS Number	095085747
CCR # (CAGE)	4N4W7
Legal Business Name	LIBRARY & ARCHIVES COMMISSION, TEXAS STATE
Point of Contact (POC)	VINCENT HOUSTON 5124635440 Ext. vhouston@tsl.state.tx.us
Alternate POC	MARILYN MARTIN 5124636626 Ext. mmartin@tsl.state.tx.us
Electronic Business POC	VINCENT HOUSTON 5124635440 Ext. vhouston@tsl.state.tx.us
Alternate Electronic Business POC	MARILYN MARTIN 5124636626 Ext. mmartin@tsl.state.tx.us

2. Name and Contact Information of Person to be Contacted on Matters Involving this Application:	
Prefix	
First Name	Christopher
Middle Name	
Last Name	Jowaisas



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Suffix	
Telephone Number	512-936-2236
Fax Number	
Email	cjowaisas@tsl.state.tx.us
Title	Grant Administrator

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

Project Role	Name	Phone	Email
Secondary Point of Contact	Deborah , Littrell	5124635456	deborah.littrell@tsl.state.tx.us
Other Contact	Peggy , Rudd	5124635460	peggy.rudd@tsl.state.tx.us

4. Other Required Identification Numbers

Easygrants ID	6260
Funding Opportunity Number	500000
Catalog of Federal Domestic Assistance Number	BTOP CFDA Number: 11.557 BTOP CFDA Title: Broadband Technology Opportunities Program

5. Organization Classification

Type of Organization	State or State Agency
Is the organization a small business?	No
Does the organization meet the definition of a socially and economically disadvantaged	No



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small business concern?	
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6. Authorized Organizational Representative	
AOR	HOUSTON, VINCENT
Result	Applicant Authorized

7. Project Title and Project Description

Project Title: Technology Expertise, Access, and Learning (TEAL)

Project Description: Through TEAL, Texas public libraries and their community partners will establish or enhance public computer centers in communities large and small, urban and rural. TEAL will improve broadband access, provide workforce development training and advance lifelong learning among vulnerable populations empowering them to improve their lives and move to the other side of the digital divide.

8. Other Applications

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

> Yes

Easygrants ID	Project Title
6545	The Virtual Village: Digital El Paso's Pathway to Success
6536	Connect Brownsville
4923	Texas Connects Coalition--Public Computer Centers

If YES, please explain any synergies and/or dependencies between this project and any other applications. TSLAC will work very closely with the other Texas applicants of BTOP PCC grants to coordinate training of end-users and library staff, utilization of existing resources, and sharing of best practices. The agency will take on a convening role for Texas PCC grantees by hosting



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monthly online webinars focused on sharing knowledge among the project participants and other entities that would benefit from such interaction.

TSLAC will also communicate “lessons learned” and best practices that arise from the implementation of the PCC project to other interested entities throughout the life of the project. This will be done through face-to-face meetings and webinars. This approach will ensure the broadest participation possible so that other public libraries and PCC service providers are aware of resources to assist them in implementing and expanding their PCC programs.

TSLAC has already held initial conversations with several of the other PCC applicants, including the Texas Connects Coalition--Public Computer Centers (EasyGrants ID#4923), The Virtual Village: Digital El Paso's Pathway to Success (EasyGrants ID#6545), and Brownsville Public Library’s Connect Brownsville (EasyGrants ID#6536).

Each of these applications has unique strengths and focuses on addressing needs by leveraging local or regional organizational capacity and partnerships in the most appropriate manner. TSLAC seeks to capitalize on working with each of the projects to draw on those unique strengths while also allowing each project to address needs in the manner determined locally.

As awards are made, TSLAC will work with each of these organizations to further solidify the plans and coordinate efforts among participants to the greatest degree possible.

This application does not have any dependencies on any other BTOP PCC, SBA, or CCI applications.

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

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

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

Name	Title	Employer
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B. Executive Summary, Project Purpose and Benefits

Essay Question

10. Executive Summary of the proposed project:

Increasingly, the skills necessary to work, prosper and participate in society are tied to the ability to use information and communication technology tools. In recent years, employers, educational organizations and government agencies have shifted their services online, making broadband access an indispensable part of personal achievement, social interaction and communication. While this can lead to streamlined operations for organizations, and wider access for the digitally connected populace, it has deepened the digital divide and has increasingly marginalized vulnerable populations. For low-income, unemployed populations, especially for those who speak English as a second language, a lack of consistent, reliable Internet access and a lack of technical proficiency create an insurmountable hurdle in achieving the American dream.

This lack of broadband access is crippling for some of the most vulnerable populations in Texas today. The state is last in the percentage of residents with high school diplomas and near last in SAT scores. An estimated 16.3% of residents, nearly 4 million people, live in poverty. Over 1 million Texans are unemployed. For 67% of Texans, the local library is the only source of broadband access, the only source of free, basic computer skills training, and the first step on the journey towards achieving the American dream in the 21st century.

To improve broadband access, encourage lifelong learning, provide workforce development and support vulnerable populations in underserved regions of the state, the Texas State Library and Archives Commission (TSLAC) plans to launch the TEAL (Technology Expertise, Access, and Learning for all Texans) project. The TEAL project will focus on improving broadband access for the following:

1. Youth: The future of Texas depends on a creative, educated, tech-savvy, productive workforce. Texas has the second highest birthrate in the nation [www.statehealthfacts.org] and 30% of its population is under 18. It ranks 7th nationwide on the percentage of children living in



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poverty [<http://factfinder.census.gov>]. Taken together, these statistics highlight the growing number of impoverished youth across the state that are born digital natives, but are very likely to have neither the broadband access nor the opportunity to develop 21st century skills. TEAL will engage youth in their local libraries and through collaborative partnerships with local community colleges, schools and youth-serving non-profit organizations.

2. Seniors: Librarians regularly report that senior Texans frequently need help with basic computer skills training, social networking and access to government services. This population uses libraries extensively as the primary source of broadband access. TEAL will provide Texas seniors want training and broadband access so that they remain active in the workforce, engaged in their communities and supportive of the local economy.

3. Hispanics and ESL Residents: 36.5% of the population in Texas is Hispanic, more than twice the national average of 15.4%. More than 31% of respondents in Texas speak a language other than English at home, almost twice the national average of 17.9%.

[<http://quickfacts.census.gov>]. TEAL will provide broadband access and ESL, citizenship and GED training in locally relevant languages to this vulnerable group. Learning English is one of the quickest ways to assimilate into the American melting pot, and the first step on the path to citizenship for many. TEAL will provide these vulnerable residents with the tools and access to pursue their American dream, and will train library staff to work with this multi-lingual population.

4. Disabled: TSLAC will facilitate statewide training to educate libraries on making existing software and computer centers more accessible. Participating libraries will provide wheel-chair access to the computer labs and incorporate special hardware and software for visually or audio-impaired patrons as needed. TSLAC mobile computer labs will also be accessible and provide software to meet patrons needs. TEAL will support this population with access to government services, educational content and training.

5. Unemployed/low income: Finding and applying for jobs, maintaining contact with employers, training to find better jobs and other basic aspects of employment are increasingly Internet based, leaving those without access or only intermittent access at a serious disadvantage. These problems are exacerbated by low Internet proficiency and limited English literacy. Across Texas, residents look for jobs, file for unemployment, apply for jobs and create resumes at computer centers in libraries. TEAL will provide library staff with training to support job-seekers, and job seekers will have access to training by the Texas Workforce Commission through program partners.

To serve these vulnerable populations, TEAL will:

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1. Strengthen broadband access at participating libraries across the state.
2. Provide library staff with customized training to support underserved, vulnerable populations seeking broadband access.
3. Provide Texans with access to training in basic technology skills, educational attainment, and workforce development.

As the state library agency, TSLAC is charged with improving libraries statewide and promoting resource sharing among libraries of all types. This enables the agency to bring a statewide perspective and a large staff experienced in statewide grant management to the project, while also providing library staff with adequate training to support vulnerable populations. TEAL will support the creation of 126 direct, 81 indirect and 45 induced job-years (ARRA job creation estimates). A TEAL project manager, several local library staff, IT and training contractors will deploy and upgrade computer centers and train staff and patrons, increasing economic activity across the state. TEAL will provide 6,905,285 Texans with access to 155 public computer centers and 5,661 computer workstations with BTOP funding. The 31.5% regional match on the \$11,637,419 project illustrates the commitment of Texas libraries and partner organizations in bridging the digital divide for the most vulnerable populations across the state.

Since 1836, Texas has welcomed everyone from cattle ranchers to computer programmers with the idea that every Texan might rise as high and as far as their spirit, hard work, and talent might carry them. Through TEAL we bring that spirit of limitless possibility to all Texans and provide vulnerable populations with tools to succeed in the 21st century.

11. Project purpose:

For low-income, unemployed populations, especially for those who speak English as a second language, a lack of consistent, reliable Internet access and a lack of technical proficiency create an insurmountable hurdle in achieving the American dream. The purpose of the TEAL project is to provide vulnerable Texas populations with enhanced access to public computing facilities, appropriate training and support to help them acquire basic computer skills, find jobs, participate in civic life and improve their education. TEAL will therefore meet the following BTOP statutory purposes – serve underserved consumers, serve vulnerable populations, and stimulate demand for broadband access, economic growth and job creation (2, 3 and 5 core purposes). It will also enhance services for youth, and strengthen educational programs across Texas.



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The following are key facts that illustrate the challenges faced by the people of Texas and the public libraries that serve them:

- The NTIA estimates that over 3.5 million households in Texas do not have high speed Internet connectivity, and over 800,000 households have no Internet connectivity at all. According to data released by the U.S. Census Bureau on February 17th of this year, Texas is one of the least connected states in the nation. The census numbers show that 73% of white households and only 53% of Hispanic households are connected to the Internet at home.
- According to the American Community Survey, only Mississippi and Kentucky have lower educational attainment rates than Texas, with only 75.7% of Texans over age 25 holding a high school diploma.
- 37.5% of Texas' population is Hispanic, and about 31% of Texans speak a language other than English at home. Adding in other minority populations, Texas is now a majority minority state. (Office of the State Demographer population estimates)
- Low educational attainment and an inability to speak fluent English inhibit Texans' ability to earn a living wage. Texas is the 9th poorest state in the U.S. An estimated 15.8% of Texans live below the federal poverty level, representing nearly 4 million people living in poverty. (Sargent Shriver National Center on Poverty Law)
- Texas' unemployment rate (8.2%) represents over one million people who were looking for work in our state in February 2010.
- 67% of Texas libraries provide the only free access to computers in their community.
- Texas public libraries have far fewer resources compared to libraries nationwide. According to the Public Libraries in the United States, FY2007 (Institute of Museum and Library Services) Texas libraries have an average of \$18.49 per capita (total operating expenditures) compared with \$34.95 nationally (ranking 48th), Texas public libraries rank 40th in the number of public access Internet computers per 5,000 population, and 50th in number of paid FTE staff per 25,000 population.
- 77% of Texas libraries reported an inadequate number of computers to meet community needs and 65% reported an inadequate connection speed.

According to the Public Library Funding & Technology Access Study, lack of adequate Internet access is a significant barrier to finding a job in 2010. "In the first decade of the 21st Century, classified job ads have gone the way of the mimeograph—nearly obsolete. Nearly three-quarters of job seekers now use the Internet to seek employment, in part because this is the only way to apply for many job opportunities."

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The Social Science Research Council study, “Broadband Adoption in Low Income Communities,” (2010) describes how public libraries fill a critical need for low income and other marginalized members of communities to access employment, education, and e-government services. The study also confirmed what Texas librarians tell us – that those coming to the library for help in these areas often have very limited or no computer skills, and require a great deal of assistance.

TEAL was developed to help mitigate these challenges and provide solutions that can be used statewide. It will enhance services for education and children while meeting the following BTOP core purposes -

1. Serve underserved consumers and vulnerable populations (Core purpose 2, 3) by
 - a. increasing the number of public Internet computers
 - b. providing mobile computer labs at selected participating libraries
 - c. reducing wait times for public access Internet computers
 - d. providing three mobile computer labs that will be used in parts of the state where the need is great
2. Stimulate demand for broadband access, economic growth and job creation (Core purpose 5) by
 - a. providing “Train the Trainer” sessions for library staff to assist them in teaching basic computer skills, workforce development skills, and GED, ESL, and other educational support skills
 - b. providing direct training to Texans where local library capacity requires supplemental help
 - c. providing monthly webinars for project participants and other grant recipients in the state to share best practices and lessons learned
 - d. providing materials, training, and support to ensure successful outreach to vulnerable populations.

TSLAC invited all Texas public libraries to participate in this grant because the key issues addressed in the proposal exist statewide. Those libraries with the capacity to participate and willingness to commit to project requirements responded. TSLAC and 38 local public library systems, serving 6,905,285 or 28% of the state’s population, worked together to develop this proposal. TSLAC will assign experienced state library staff to coordinate the project.

TEAL will yield best practices from the participating libraries ranging from Houston serving more than 2 million people to Valley Mills serving 1,139 that can be used to inform planning, budgeting, and decision making by other Texas libraries and libraries nationwide.



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12. Recovery Act and Other Governmental Collaboration:

The Project will leverage four out of five Recovery Act objectives:

1. It will preserve and create jobs and promote economic recovery. By supporting library infrastructure it will ensure that Texans have access to online services and training so that they may more effectively look for work.
2. It will assist those most affected by the recession. Unemployed Texans will have Internet access at a time when many of them cannot afford home access and when many employers are requiring online applications.
3. It will invest in PCC infrastructures that will provide long-term economic benefits.
4. It will stabilize State and local government budgets, in order to minimize and avoid reductions in essential services and counterproductive state and local tax increases, by supplementing public income for our libraries.

Leverage of other State and Federal Development Programs:

US Institute of Museum and Library Services/ Library Services and Technology Act (LSTA) - Texas uses a portion of this funding to support the Technical Assistance Negotiated Grant (TANG) Program (\$800,000). This program is crucial to the long term success of the TEAL Project. It will provide assistance to keep equipment running efficiently, provide training on computer and network set-up and maintenance, and assist with equipment selection.

In addition, TSLAC awards subgrants to libraries from LSTA funding for programs that expand services for learning and access to information & educational resources in a variety of formats or provide electronic and other linkages between and among all types of libraries;

FCC: Federal Universal Service Fund (E-Rate) – Public libraries are receiving discounts for telecommunication services and technologies. A coordinated project to increase the number of libraries participating in the E-Rate program is scheduled to begin in Fall 2010 and continue over the next two years. This program will develop additional resources to assist libraries in understanding and completing the requirements for participation in the E-Rate program.

Department of Labor/ARRA-WIA Funding – Supplementary ARRA funding has been made available to the Workforce boards through the WIA program for dislocated workers, youth

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activities programs, and employment service activities. The project will provide computer and employment training and access that will enhance the activities of the Texas Workforce Commission.

13. Technology Strategy:

The project is structured to allow libraries to adopt technology strategies that meet local needs while leveraging strong expertise at the Texas State Library and Archives Commission (TSLAC) and regional TANG staff to provide guidance and support on more complex activities.

Large urban library systems in Houston and San Antonio are deploying standardized equipment across multiple public computer centers, while small, rural libraries like Valley Mills Public Library have defined a customized broadband access and technology solution. Libraries across Texas serve unique populations that are multilingual and include people with a range of physical abilities across all ages and across the economic spectrum. For a significant segment of the population, libraries are the sole source of broadband access in the community. This wide spectrum of needs has resulted in unique, customized, local technology plans that meet regional variations.

With its decade-long expertise in deploying and sustaining technology across the state, TSLAC has developed recommendations for broadband access, ESL and accessibility training, computing equipment, peripherals, project management, sustainability and in developing collaborative regional partnerships. TSLAC staff members have reviewed library technology plans to ensure that they can be implemented and sustained over the next few years to serve regional needs.

In all cases, agency staff reviewed proposed budgets for reasonableness of cost and suitability of the proposed technology to accomplish the stated activities of the library in their narrative responses to TSLAC.

TSLAC will consult with libraries to ensure that all public computing centers –

1. Provide consistent, high-speed broadband access to patrons
2. Deploy a tested security protocol that ensures data and system integrity
3. Provide accessible programs for patrons with special needs



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4. Provide programs in Spanish and content in other languages (such as Vietnamese) as appropriate
5. Develop collaborative partnerships with regional organizations to sustain and grow public computing centers
6. Engage with local workforce development boards and regional educational institutions to develop and offer training programs that work in regional public computing centers

All participating libraries will offer training and access using personal computers running the Microsoft Windows operating system. In addition, the Houston Public Library system will offer patrons access to Mac books and other Apple products. Each library has resources available to ensure that a reliable, secure, and user-friendly public computer system is provided. This is accomplished through the use of software products that secure the public computers, and make them accessible and reliable for the public users. Libraries have either internal information technology support staff that they can utilize for these tasks or regional support provided through the Technical Assistance Negotiated Grant (TANG) program.

Many libraries will also upgrade or expand their capacity for patron wireless access through the addition of wireless access points. Libraries are also requesting laptops to address space constraints and to provide training opportunities without closing off the other public computers. Printers and other standard peripherals are also being requested. For training environments, libraries are requesting projectors, smart boards, and equipment for training staff.

Participating libraries' plans for technology deployment have been reviewed by state agency staff for suitability and probability for successful implementation. The organizational capacity of each library was taken into account when evaluating the technology strategies submitted for consideration. This ensured that the equipment listed on the detailed budget spreadsheet was appropriate for the purposes intended.

The mobile computing labs that TSLAC plans to deploy will provide patrons in underserved areas of Texas with enhanced broadband access. The labs will incorporate a mobile access point, wireless routers and wireless printers to create a self-contained training environment.

Library staff at all participating libraries will be trained to create a welcoming, supportive environment for all patrons. This includes training on working with non-English speakers, with youth, seniors, and persons with disabilities.



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14. Public Availability:

This proposed grant program is a partnership between the Texas State Library and Archives Commission and 38 local public library partners. The public libraries that are part of this project are committed to ensuring that computer and Internet access is available to the public in order to enhance the education and workforce development of our population. All of the libraries provide services to the general public. Some of the libraries may require persons to register for a card, or sign-in, or sign an acceptable use policy in order to use public access computers.

Lancaster Veteran’s Memorial Library is establishing a public computer center at a senior center. Lancaster has limited access to public Internet computers for this vulnerable population compared with opportunities available for other segments of their community. The computers are tailored for seniors, and access at this facility is limited to this segment of the population in order to provide a safe and welcoming atmosphere for the community’s seniors.

Arlington Public Library, Harris County Public Library, Houston Public Library are establishing public computer centers at one or more local parks and recreation facilities, public health centers, community centers, or community college libraries. The focus for service at these facilities is one or more underserved populations, such as minority youth at recreation facilities or low income at health centers, but all of these computer labs are open to the general public.

Internet access will be available for 91% of the population served by the grant on Saturday, Sunday and in the evenings. All but one of our library partners are open at least five days per week and all but two provide either evening or weekend hours.

All of the public libraries in Texas have access to TexShare--a core collection of over 50 databases that provide access to informational and educational materials. These databases can be accessed not only inside the library, but anywhere that has Internet access. These are used extensively by school children for homework, college students, researchers, and the general public. Health and wellness informational databases, job-search tools and career development services, and educational databases will be available 24 hours a day, seven days a week to anyone with access to the Internet, or to people that check out a library laptop.



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Although not specifically a goal in this project, a goal of the Broadband initiative is to improve access to and improve use of broadband by public safety agencies. When hurricanes hit the Texas and Louisiana Gulf Coast, citizens travel inland and need access to the Internet to communicate with family members, check on the progress of the hurricane, determine when it is safe to return home, file insurance claims, or apply for assistance with FEMA. When this occurs our libraries inland fill to capacity with Internet users.

15. Restrictions on Center Use:

The public computer centers being established through this project are not limited to certain purposes. As explained under “availability,” the focus of a center may be a certain vulnerable population, but the purposes of the center are not limited, and the centers are open to the general public.

One library partner proposes establishing a public computer center in a senior citizen facility (as explained above), but the purposes of this center are not limited.

16. Involvement of Community College:

One Texas community college district, Houston Community College (with 10 locations) is participating in part of this application. They are a partner with the City of Houston / Houston Public Library.

From this partner library's statement: "Drawing students from near and far, Houston Community College mirrors Houston's diversity, openness and opportunity. HCC has served an estimated 1.3 million students since its opening in 1971; the system now provides academic courses for transfer to four-year institutions, terminal degrees and certificates in more than 70 fields of work, continuing education and corporate training." The 10 campus locations in this application further their mission of providing education to the citizens of Houston.

We also contacted any community college that was an applicant in Round 1 of the BTOP funding program. In discussions with these applicants, we determined that the focus of their applications was not closely aligned with our application and those community colleges indicated a preference to move forward on their own with possible applications in Round 2.



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

> No

18. Is the applicant delinquent on any federal debt?

> No

> If Yes, justification for delinquency:

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

> No

C. Partners

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

> Yes

If YES, key partners are listed below:

Project Role: Sub-recipient Name: McGuire, Marsha Email: spl@vvm.com Address 1: Post Office Box 1178 Address 2: Address 3: City: Salado State: Texas Zip Code: 76571 Organization: Salado Public Library District Organization Type: Other Small business: No Socially and economically disadvantaged small business concern: No
Project Role: Sub-recipient Name: Siegfried, Cary Email: cary.siegfried@arlingtontx.gov Address 1: 101 E Abram Street



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<p>Address 2: Address 3: City: Arlington State: Texas Zip Code: 76010-1102 Organization: Arlington Public Library System Organization Type: City or Township Government Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient Name: Icenhower, Jackie Email: aplib@sbcglobal.net Address 1: 101 W Hiram Street Address 2: Address 3: City: Atlanta State: Texas Zip Code: 75551-2509 Organization: Atlanta 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: Branch, Brenda Email: brenda.branch@ci.austin.tx.us Address 1: 800 Guadalupe Street Address 2: Address 3: City: Austin State: Texas Zip Code: 78701-2314 Organization: Austin 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: Mayfield, Pattie Email: mayfield@honeygrove.org</p>



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Submitted Date: 3/15/2010 2:16:17 PM		Easygrants ID: 6260	
Funding Opportunity: Public Computer Centers		Applicant Organization: LIBRARY & ARCHIVES COMMISSION, TEXAS STATE	
Task: Submit Application - Public Computer Centers		Applicant Name: Christopher Jowaisas	

Address 1: 500 6th Street
Address 2:
Address 3:
City: Honey Grove
State: Texas
Zip Code: 75446-1801
Organization: Bertha Voyer Memorial Library
Organization Type: Non-profit Corporation
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
Name: Davis, Kim
Email: CPLDirector@castrovillelibrary.org
Address 1: 802 London Street
Address 2:
Address 3:
City: Castroville
State: Texas
Zip Code: 78009-4032
Organization: Castroville Public Library
Organization Type: City or Township Government
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
Name: Scroggins, Lisa
Email: lisa.scroggins@rockspringsisd.net
Address 1: 201 N Hwy 377
Address 2:
Address 3:
City: Rocksprings
State: Texas
Zip Code: 78880
Organization: Claud H Gilmer Memorial Library
Organization Type: Non-profit Corporation
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
Name: Eggers, Thomas



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<p>Email: libdir@cityofeaglepass.com Address 1: 589 E Main Street Address 2: Address 3: City: Eagle Pass State: Texas Zip Code: 78852-4518 Organization: Eagle Pass 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: Ott, Sandy Email: sott@ci.elgin.tx.us Address 1: 404 N Main Street Address 2: Address 3: City: Elgin State: Texas Zip Code: 78621-2625 Organization: Elgin 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: Lugo, Angie Email: angie@los-fresnos.lib.tx.us Address 1: 402 W Ocean Blvd Address 2: Address 3: City: Los Fresnos State: Texas Zip Code: 78566-3650 Organization: Ethel L Whipple Memorial Library Organization Type: City or Township Government Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient</p>



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Name: Herrington, Kathy
Email: kathy.harrington@ci.ferristx.us
Address 1: 514 S Mable Street
Address 2:
Address 3:
City: Ferris
State: Texas
Zip Code: 75125-3028
Organization: Ferris Public Library
Organization Type: City or Township Government
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
Name: Dossey, Sue
Email: cpl@web-access.net
Address 1: 402 S Commercial Ave
Address 2:
Address 3:
City: Coleman
State: Texas
Zip Code: 76834
Organization: Coleman Public Library
Organization Type: City or Township Government
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
Name: Stevens, John
Email: fairfield@members.ctls.net
Address 1: 350 W Main
Address 2:
Address 3:
City: Fairfield
State: Texas
Zip Code: 75840
Organization: Fairfield Library Association
Organization Type: Non-profit Corporation
Small business: No
Socially and economically disadvantaged small business concern: No



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Project Role: Sub-recipient
Name: Nichols, Faye
Email: faye.nichols@ci.gatesville.tx.us
Address 1: 111 N 8th
Address 2:
Address 3:
City: Gatesville
State: Texas
Zip Code: 76528
Organization: Gatesville Public Library
Organization Type: City or Township Government
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
Name: Martin, Vickie
Email: vickie@winnsborolibrary.org
Address 1: 916 N Main
Address 2:
Address 3:
City: Winnsboro
State: Texas
Zip Code: 75494
Organization: Gilbreath Memorial Library
Organization Type: City or Township Government
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
Name: Rollins, Gene
Email: grollins@hcpl.net
Address 1: 8080 El Rio St
Address 2:
Address 3:
City: Houston
State: Texas
Zip Code: 77054
Organization: Harris County Public Library
Organization Type: County Government
Small business: No
Socially and economically disadvantaged small business concern: No



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<p>Project Role: Sub-recipient Name: Ditto, Waynette Email: hdossey@cityofhewitt.com Address 1: 100 Zuni Dr Address 2: Address 3: City: Hewitt State: Texas Zip Code: 76643 Organization: Hewitt 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: Lopez, Edward Email: eddie@hidalgo.lib.tx.us Address 1: 710 E Texano Dr Address 2: Address 3: City: Hidalgo State: Texas Zip Code: 78557 Organization: Hidalgo 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: Strickler, Theresa Email: librarian@jtdlibrary.net Address 1: 1101 Hutchings St Address 2: Address 3: City: Goldthwaite State: Texas Zip Code: 76844 Organization: Jennie Trent Dew Library Organization Type: City or Township Government Small business: No</p>



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Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
 Name: Loucks, Cami
 Email: cloucks@lancaster-tx.com
 Address 1: 1600 Veterans Memorial Pkwy
 Address 2:
 Address 3:
 City: Lancaster
 State: Texas
 Zip Code: 75134
 Organization: Lancaster Veterans Memorial Library
 Organization Type: City or Township Government
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
 Name: Hagle, Judy
 Email: leelibrary@suddenlinkmail.com
 Address 1: 312 W Pacific Ave
 Address 2:
 Address 3:
 City: Gladewater
 State: Texas
 Zip Code: 75647
 Organization: Lee Public Library
 Organization Type: City or Township Government
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
 Name: Kroll, Kim Adele
 Email: kkroll@ci.belton.tx.us
 Address 1: 301 E 1st Ave
 Address 2:
 Address 3:
 City: Belton
 State: Texas
 Zip Code: 76513
 Organization: Lena Armstrong Public Library
 Organization Type: City or Township Government



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Small business: No Socially and economically disadvantaged small business concern: No
Project Role: Sub-recipient Name: Bass, Rhonda Email: maffett.library@wellsits.net Address 1: 601 W Yeagua St Address 2: Address 3: City: Groesbeck State: Texas Zip Code: 76642 Organization: Maffett Memorial Library Organization Type: City or Township Government Small business: No Socially and economically disadvantaged small business concern: No
Project Role: Sub-recipient Name: Herrington, Carol Email: cherrington@palestine.lib.tx.us Address 1: 1101 N Cedar St Address 2: Address 3: City: Palestine State: Texas Zip Code: 75801 Organization: Palestine Public Library Organization Type: City or Township Government Small business: No Socially and economically disadvantaged small business concern: No
Project Role: Sub-recipient Name: Bogardus, Carolyn Email: carolyn@copitx.com Address 1: 213 N Yturria St Address 2: Address 3: City: Port Isabel State: Texas Zip Code: 78578 Organization: Port Isabel Public Library



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<p>Organization Type: City or Township Government Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient Name: Orozco, Rachel Email: rachel.orozco@wylitetexas.gov Address 1: 800 Thomas St Address 2: Address 3: City: Wylie State: Texas Zip Code: 75098 Organization: Rita & Truett Smith 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: Greenwald, Dolores Email: dgreenwald@cityofsachse.com Address 1: 5560 S Hwy 78 Address 2: Address 3: City: Sachse State: Texas Zip Code: 75048 Organization: Sachse 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: Stohr, Nicki Email: librarian@wilsoncounty.lib.tx.us Address 1: 1 Library Ln Address 2: Address 3: City: Floresville State: Texas Zip Code: 78114</p>



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Organization: Sam Fore Jr Wilson County Public Library
 Organization Type: County Government
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
 Name: Ramos, Jessica
 Email: jessica.ramos@sanantonio.gov
 Address 1: 600 Soledad St
 Address 2:
 Address 3:
 City: San Antonio
 State: Texas
 Zip Code: 78205
 Organization: San Antonio Public Library
 Organization Type: City or Township Government
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
 Name: Derrington, Amy
 Email: mimihd@aol.com
 Address 1: 207 E 6th St
 Address 2:
 Address 3:
 City: Rusk
 State: Texas
 Zip Code: 75785
 Organization: Singletary Memorial Library
 Organization Type: City or Township Government
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
 Name: Bergeron, Judith
 Email: jmbergeron13@yahoo.com
 Address 1: 507 Main St
 Address 2:
 Address 3:
 City: Smithville
 State: Texas



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<p>Zip Code: 78957 Organization: Smithville 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: Price, Sondra Email: cedarcreeklibrary@embarqmail.com Address 1: 410 E Cedar Creek Pkwy Address 2: Address 3: City: Seven Points State: Texas Zip Code: 75143 Organization: The Library at Cedar Creek Lake Organization Type: Non-profit Corporation Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient Name: Kuechmann, Christopher Email: ckuechmann@valverdecountry.org Address 1: 300 Spring St Address 2: Address 3: City: Del Rio State: Texas Zip Code: 78840 Organization: Val Verde County Library Organization Type: County Government Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient Name: Hale, Kathleen Email: kathleen.hale@members.ctls.net Address 1: 405 5th St Address 2: Address 3: City: Valley Mills</p>



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<p>State: Texas Zip Code: 76689 Organization: Valley Mills Public Library Organization Type: Non-profit Association Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Sub-recipient Name: Phelan, Paul Email: pphelan@ci.greenville.tx.us Address 1: 1 Lou Finney Blvd Address 2: Address 3: City: Greenville State: Texas Zip Code: 75401 Organization: W Walworth Harrison 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: McBrayer, Teresa Email: tgmcbayer@charter.net Address 1: 8215 White Settlement Rd Address 2: Address 3: City: White Settlement State: Texas Zip Code: 76108 Organization: White Settlement 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: Robinson, Nicole Email: NicoleH.Robinson@cityofhouston.net Address 1: 500 McKinney St Address 2: Address 3:</p>

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City: Houston
 State: Texas
 Zip Code: 77002
 Organization: Houston Public Library
 Organization Type: City or Township Government
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
 Name: McKibben, Sherry
 Email: SMcKibben@huntsvilletx.gov
 Address 1: 1216 14th Street
 Address 2:
 Address 3:
 City: Huntsville
 State: Texas
 Zip Code: 77340
 Organization: City of Huntsville
 Organization Type: City or Township Government
 Small business: No
 Socially and economically disadvantaged small business concern: No

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

TSLAC invited all Texas public libraries to participate in this project because the key issues addressed in the proposal exist statewide. Through surveys, TSLAC identified libraries that needed project funding, had a capacity to expand, and demonstrated commitment to the project goals. It enabled TSLAC to develop a locally customized, but statewide strategic plan to enhance broadband access. TSLAC will coordinate project implementation, provide end-user training, and provide train-the-trainer sessions. TSLAC curriculum will include basic technology skills, E-rate process, and workforce development offered through webinars, in person classes, and online modules. TSLAC will also provide 3 mobile computer labs, webinars to share best practices and provide additional software as needed. Technical support, provided through the Technical Assistance Negotiated Grant (TANG) Program will help partners keep equipment running efficiently, provide training on computer and network set-up and maintenance, and assist with equipment selection.



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The urban partners in Austin, Arlington (in the Dallas-Fort Worth Metroplex), Harris County, Houston, and San Antonio are among the most populated regions in the country. They will expand and improve their comprehensive public computing services to highly diverse, vulnerable populations.

Austin PL-Match: \$34,720 (35.5%) The library will deploy and operate a new Computer Training and Job Search Center at the Carver Library which is located in an area of the city where only 46% of the adult population over 25 has a high school diploma, and less than 9% has a Bachelor’s degree. The city will commit staff and volunteers to teach eight 1.5 hour classes/week and open the center to the public for an additional 40 hours.

Arlington PL System-Match: \$170,499 (30.1%) The library and city IT staff will collaborate to implement and operate a comprehensive upgrade and expansion of the current system including equipment upgrades to increase Internet speed, wireless system upgrades, new computers at high-volume locations, a mobile computer lab including a vehicle, and a smaller mobile computer lab. Mobility of equipment is especially important—Arlington is the largest city in the US without a public transportation system.

Harris County PL – Match: \$485,796 (29.9%) HCPL will improve Internet connectivity at branch library locations, add public computers (branch libraries and community centers), establish mobile training labs, and enhance training offered to vulnerable populations. Training will focus on computer skills, job skills, and technology awareness.

Houston PL-Match: \$2,197,181 (36.7%) HPL will create new PCCs and expand computer and broadband capacity at 49 libraries, including a consortium of libraries in surrounding communities that make up the Houston Area Library Automated Network. 14 Houston Public Library training staff will serve as core instructors and will be responsible for conducting train-the-trainer sessions for PCC staff. 10 new PCCs will be established within the Parks & Recreation’s community centers across targeted neighborhoods; Health & Human Services will create new and/or expanded computer and broadband capacity at all 11 of its Multi-Service Centers, including health centers, WIC centers, and dental health centers; Houston Community College District will enhance broadband digital resources at 10 campus libraries. The City will provide the technical foundation and support for the broadband connectivity of the PCCs.

San Antonio PL-Match: \$300,000 (20%). San Antonio will implement infrastructure updates for 13 library locations and 5 areas within the Central Library. They bring a strong focus on technology training skills needed for the 21st century since 21% of people served at these locations live in poverty. In addition to increasing access at each location, they will focus on programming and technology skills for teens at the Central Library. They will utilize a multi-pronged outreach strategy including traditional and social networking/media platforms.



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Full matching cost information is available in the match section.

The remaining 33 library partners are located in small, rural communities throughout the state. All partners will implement, manage and operate an expansion and update of their broadband systems according to their needs. Laptops will be made available that will be either checked out for library or home use. Mobile computer labs will be used in the library or taken to schools or other community gathering places. Broadband speeds will increase and adaptive technology will be implemented.

Nearly all of these partners provide the only free PCCs in their communities and many do not have a workforce office in their respective towns. All of the rural partner libraries will provide staff and volunteers to increase the number of individual and group classes in basic computer and Internet use as well as in job search/application skills, ESL and GED preparation. The nature of small communities is to share resources, space and volunteers. The rural libraries partner regularly with local schools, senior centers, regional workforce boards, city government, and non profits. Examples include:

- Atlanta PL receives referrals from the closest workforce board in an adjacent county twenty five miles away. The library assists with job searches, resume writing, and employment applications.
- Eagle Pass PL will partner with a local nonprofit that teaches English classes.
- The Library at Cedar Creek Lake will offer GED programs and classes with Trinity Valley Community College, work with Texas Workforce Commission to provide job fairs and training, and provide a testing center for the local school district.
- W Walworth Harrison PL (Greenville) will partner with churches and other organizations when they take the TEAL mobile computer lab into the community.

D. Congressional Districts

22. Applicant Headquarters

- Texas

23. Project Service States

Texas

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24. Project Service Areas

Texas - 6

Texas - 4

Texas - 23

Texas - 11

Texas - 31

Texas - 30

Texas - 28

Texas - 27

Texas - 25

Texas - 21

Texas - 20

Texas - 18

Texas - 17

Texas - 12

Texas - 10

Texas - 9

Texas - 5

Texas - 3

Texas - 1

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25. Will any portion of your proposed project serve federally recognized tribal entities?
> No

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

27. Have you consulted with each of the federally recognized tribal entities identified above?
> No

E. Demographics

Demographics

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

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

Hispanic

Black/African-American

Asian

English as Second Language (ESL)

Disabled

Low Income

Unemployed

Senior Citizen (55 and over)



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Youth

Other:

29. Vulnerable Populations

The TEAL project will offer enhanced free broadband access, and customized, multi-tiered programs in computer literacy, educational attainment, and workforce development to the following underserved, vulnerable populations:

Hispanic and ESL: 36.4%(15.4% US) of Texans in the regions we will serve are Hispanic. More than 31%(17.9% US) of Texans speak a language other than English at home. (US Census, Texas Demographer) Library staff will be trained on engaging with this community, and PCCs will have specialized software like Rosetta Stone, English Access 2.0, etc. Our marketing strategy will include a collaboration with local libraries to ensure appropriate outreach and education of this growing population. Houston will serve as the model for all public computer centers, with approximately 56% of its 583 employees receiving bilingual pay and over 40% of its IT training staff bilingual.

African American/other minority: 11.5% of Texans and 33% of Houstonians are from non-Hispanic minority backgrounds. Economic issues and a lack of public transportation can keep minorities from accessing computer centers in libraries. Participating libraries are establishing mobile computer laboratories that can travel to neighborhoods in need.

Unemployed/Low Income: 16% of Texans live in poverty and over a million are unemployed. Finding/applying for jobs, maintaining employer contact, and training for better jobs are increasingly Internet based, leaving those with inadequate access at a disadvantage. The problems can be exacerbated by low Internet proficiency and limited English. Through the TEAL project, libraries will help more patrons look for jobs, file for unemployment, apply for jobs and create resumes.

Disabled: 15% of Texans are disabled. All participating libraries are ADA compliant. Through the TEAL project, libraries will provide patrons with laptops in place of wheelchair inaccessible



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terminals; larger monitors, Braille readers/printers and automated amanuensis systems for visually impaired patrons; and headphones and content with captions for hearing impaired patrons.

Seniors: 10% of Texans are older than 65. Library staff routinely assists seniors to set up email accounts, access the Internet, print data and stay digitally connected. Basic computer classes get this segment of the population connected. Mobile computer labs provide them access where they live.

Youth: 28% of Texans are under 18 years old. Parents who lack home connections send or bring their children to libraries for homework-related activities as part of their routine. Libraries in rural areas serve as the local wireless hub for the region, even after-hours, when patrons, especially youth, use laptops in library parking lots. The project will provide patrons with GED preparation software, ability to investigate opportunities in higher education, preparation for US Citizenship, and an opportunity to access Open University content.

30. Accessibility

All libraries participating in the TEAL project are ADA compliant. This is especially important because 50% of Americans with disabilities are offline (which represents over 3.6 million Texans) according to the Pew & Internet Research May 2008 report "Degrees of Access."

Patrons using wheelchairs have access to the library via ramps and wider entrances. They also have the option of using laptops or wheelchair-accessible desks at the computer centers. Staff will be trained to work with assistive technology, and to provide a welcoming, inclusive environment for all patrons.

For patrons with dexterity and mobility impairments, specialized assistive technology such as a split ergonomic keyboard, optical trackball (instead of a mouse) and Microsoft Operating System with all accessibility options will be available at TEAL libraries. Mobile computer centers will provide persons unable to travel away from their neighborhoods with access to computing.

Vision difficulties and impairments include low vision, color blindness, and blindness. Among adult computer users in the United States, 1 in 4 (27%) have a vision difficulty. To serve these patrons, TEAL libraries will provide wide-screen monitors, text-to-speech synthesizers, audio



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books and Zoom Text Enlargers. Braille readers and printers will also be made available as needed.

Hearing difficulties and impairments encompass a wide range of conditions—from slight hearing loss to deafness. People who have hearing difficulties and impairments might be able to hear some sound, but might not be able to distinguish words. Among adult computer users in the United States, 1 in 5 (21%) have a hearing difficulty. To serve these patrons, speech-to-text synthesizers, speech-to-sign language translators, speakers and headphones will be available at TEAL libraries.

31. Other Languages

According to US Census Bureau data, more than 31% of respondents in Texas speak a language other than English at home, almost twice the national average of 17.9%. To engage and serve this large special-needs population, the TEAL project requires ESL training to be an integral part of the outreach initiative at each participating library.

ESL training is provided through self-directed learning using software like Rosetta Stone and through classes held in collaboration with local school districts and regional workforce development boards. Library staff members are trained in the use of free, open-source tools for translation and, in regions with high need, have access to interpreters for a variety of languages.

By providing patrons with free access to printed books and audiobooks in their preferred language, libraries build trust in non-English speaking communities. Internet access that allows ESL patrons to remain in touch with native language speakers and families across the globe increases use of public computing facilities by ESL patrons. Through citizenship preparation classes, homework help for students and online translation services, libraries and public computer centers continue their outreach into ESL communities.

Outreach

32. Public Computing Centers Outreach



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TSLAC will coordinate statewide and local outreach activities to engage targeted vulnerable populations across Texas and publicize services offered through TEAL. TSLAC will work closely with local partners to ensure that outreach efforts are effective in reaching specific vulnerable populations in local communities. TSLAC's public information and graphics staff will develop consistently branded materials and assist partners as they work collaboratively to refine materials and share best practices.

The following primary methods will be employed:

- **Media Outlets - local and state-wide print and broadcast media**
PSAs and press releases that target vulnerable populations will be distributed via appropriate media statewide. Agency staff will distribute press releases and public service announcements to statewide media, and will draft sample press releases and public service announcements for partner use in local communities. Local partners will customize materials for their communities.
- **Partner organizations – print and online announcements**
The Texas Workforce Commission (TWC) has pledged to actively promote the program through its statewide channels, as well as through the regional workforce boards, which reach local organizations involved in workforce development. This will be a primary channel for reaching the unemployed, as many register with and use TWC information and facilities. Local partner organizations will be a primary avenue for reaching other vulnerable populations, including Hispanic, Asian, African-American, low income, ESL, disabled, and senior citizens. These populations are often best reached through organizations that serve them specifically, such as senior centers, churches, Hispanic Chambers of Commerce, community development groups, and literacy centers.
- **Partner libraries – print and online announcements, presentations**
Partner libraries have well established ways to engage their communities. Bookmarks, fliers, and brochures are examples of materials that promote specific services. These will be distributed both through partner libraries and other community organizations specifically relevant to the targeted populations. Example – schools to reach youth. In addition, programs and services are advertised through websites, signs, newsletters, and Friends groups. This method primarily reaches those already actively using the library, but helps to both spread information about the project as well as information on how the library is serving the community. Project website We will create a project website that will offer information on all partner activities, incorporating social media tools to inform and engage relevant targeted populations, especially youth. Materials will be created in English, Spanish, Vietnamese, or other languages as locally appropriate.



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

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Funding Opportunity: Public Computer Centers		Applicant Organization: LIBRARY & ARCHIVES COMMISSION, TEXAS STATE	
Task: Submit Application - Public Computer Centers		Applicant Name: Christopher Jowaisas	

Estimated numbers reached: Hispanic 943,969; other minority 1,594,074; seniors 206,373; unemployed 80,563; low income 400,440; disabled 286,155; youth 706,079

33. How many total users do you expect to generate through the use of BTOP funds at your public computer center(s)?
- 414823

Training and Education

34. Peripherals and equipment

TEAL partner libraries will customize their hardware configuration to best meet the needs of their communities, to align with their local project purpose, and to fit with standards determined by their governing authorities. Partners will ensure that hardware is up to date according to industry standards at the time of purchase. The equipment and peripherals outlined in the detailed budget under the TEAL project will be subject to availability, cost feasibility and recommendations under Section 508 of ADA.

Peripherals and equipment requested include:

Public computers-includes laptops, netbooks, handhelds, and desktop computers

Standard computer peripherals-includes monitors, ergonomic keyboards, headphones, microphones, printers, scanners, power supplies, external hard drives, digital cameras, and accessibility peripherals

Network equipment-includes firewalls, routers, wireless access points, print servers, storage servers / backup devices, wireless access controllers and switches

Training support equipment-includes projectors, large display monitors, and smartboards

Furnishings-includes tables, chairs, and laptop carts.



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Please note that all equipment & peripherals as listed on the detailed budget spreadsheet are subject to change depending on availability, current model or version changes, and best price point for technology being purchased.

35. Workstation software

TEAL Computers will run either Microsoft Windows or Apple Macintosh operating systems. Each workstation will have office productivity software compatible with the operating systems mentioned. Internet Explorer, Safari or open-source browsers for accessing the web will be available. Each unit will have end-point protection software (anti-virus, anti-spam and anti-malware). Each library will provide computers with assistive technology for persons with disabilities. The Texas State Library and Archives Commission will take the lead in training library staff to master the methods available to make existing software and systems more accessible at no cost.

Based on local need, some libraries will purchase software such as Zoom Text and a multi-lingual text-to-speech synthesizer. In addition, workforce development software like Resume Maker, ESL Software like Mango Languages, Rosetta Stone or English Access 2.0, and test preparation software like ePrep or Learning Express will be available at some workstations based on partner programs and identified needs of their vulnerable populations. While constrained by the price parameters of this proposal, all software is listed subject to change depending on availability, version changes and best price at the time of purchase.

36. Training and education programs

From large libraries in urban centers like Houston to small rural libraries in the heart of Texas, there is a continuum of requirements that reflect regional training and broadband access needs. To support each local community appropriately, the TEAL project will provide two training streams:

1. Training librarians to support vulnerable populations
2. Training patrons on basic computer skills, educational attainment programs and workforce development opportunities.

The Texas State Library and Archives Commission (TSLAC) will focus on supporting the efforts of participating libraries in the following ways:



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- Deploy train-the-trainer programs for library staff that will provide them the skills necessary to assist vulnerable populations in their regions
- Provide contract trainers in direct support of partner libraries unable to provide additional staff for end user training
- Support end user training by coordinating 3 mobile computing labs to train end users in areas of need where public access computing centers are inadequate
- Assemble best practices for serving persons with disabilities and deploy training via webinar to inform all partner libraries of existing accessibility features for public access computers and common software configurations on those workstations.

Participating libraries will focus on three key training areas:

Computer skills attainment - The range of skills that Texans need to acquire in order to apply for jobs or pursue education online vary widely. To create a uniform level of access and service, all participating libraries will provide classes in basic computer literacy to their patrons. Classes would address fundamental skills such as computing terminology, use of peripherals such as mice, keyboards, printers, accessing Internet and database content. Based on regional requirements, training may be provided in Spanish, or in other formats accessible by disabled patrons. TSLAC will provide libraries with information on best-practices in deploying such training in an appropriate, sensitive way that meets local needs.

Educational attainment - All partner libraries have existing programs that assist local patrons in furthering their education through programs such as GED, English as a Second Language, and literacy classes, usually in partnership with local organizations. We will use webinars to facilitate sharing of information and resources on best practices in providing these services. To support patrons pursuing higher education, participating libraries will provide patrons with access to SAT, ACT, and GRE test preparation material. Training classes for Microsoft Certification, multi-media content development, and other certifications will also be offered to patrons.

Workforce development training – In partnership with the Texas Workforce Commission and the participating libraries, TSLAC will ensure that all participating libraries provide patrons with access to a standardized workforce development curriculum. Local workforce development boards will collaborate with library staff to provide a standard curriculum in planning job searches, completing and submitting applications, basic resume writing and developing interview



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skills. Library staff will be trained to provide these services to patrons, and trainers from the regional workforce boards will support library staff as needed.

Across both training streams – training librarians and training patrons/end-users, TSLAC anticipates that it will meet the following measurable training outcomes:

1. Training librarians to support vulnerable populations: Each participating librarian will receive a minimum of 8 hours training/year for a total of 24 hours of training/librarian for the duration of the grant period for at least 114 librarians.
2. Training patrons on basic computer skills, educational attainment programs and workforce development opportunities: Each participating library will determine the best mix of training content to meet local needs. For the grant period, each library will provide 3 training sessions/ month that will serve a minimum of 5 patrons/session. This leads to a minimum of 4,104 customized, locally relevant training sessions serving a minimum of 20,520 patrons. In addition, the mobile computer labs will serve 25% of the smallest rural libraries without a nearby workforce development board. The mobile labs will provide a minimum of 4 training sessions a month and serve a minimum of 5 patrons/session resulting in an additional 144 instances of training that serve an additional 720 patrons.

The project will therefore provide a minimum of 4,252 locally relevant, customized training sessions that will train a minimum of 21,354 patrons and librarians over the course of the BTOP grant period. With 67% of all Texans using libraries as the primary source of broadband access and a population of 6,905,285 patrons in the regions served by participating libraries, we anticipate that significantly larger numbers of patrons (approximately 414,823) will use public computing centers. This population will be directly impacted by the additional training that librarians in their regions will receive.

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

➤ 21354

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

➤ 8

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

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F. Project Budget

40. Project Budget	
Federal Grant Request	\$7,970,757
Total Match Amount	\$3,666,962
Total Budget	\$11,637,719
Match Percent	31.5%

41. Projects Outside Recommended Funding Range:

>

42. Sustainability:

The TEAL project is inherently sustainable as it builds on existing TSLAC infrastructure and is designed to be locally relevant. Each participating library has evaluated its current public computing and broadband access, determined the hardware, software and broadband access needs for its community, and developed a project plan that meets local requirements. This inclusive project development process ensures that each participating library requests and receives public computing resources that it needs and can sustain.

TSLAC brings long-term experience in project management to the project, having supported technology in Texas libraries for more than a decade. The TANG (Technology Assistance Negotiated Grants) program, administered through TSLAC-supported regional cooperatives, provides a computer technology specialist in 10 regions of the state. TANG staff assist local libraries in planning for and implementing computer and Internet related technology, and will support participating libraries in maintaining the technology they acquire through this grant and in developing technology plans for the future. We have an extensive statewide program of continuing education for libraries that will sustain training to library staff, as well as training partnerships, beyond the grant period.



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TSLAC will train local library staff on reaching vulnerable populations in their communities. By working with the Texas Workforce Commission and local workforce commission boards on contract training, participating libraries will build relationships with those entities and with other community organizations. Leveraging these partnerships will engage local support and mobilize resources needed to sustain local initiatives long-term.

Concurrent with the BTOP grant, TSLAC is also administering a grant from the Bill & Melinda Gates Foundation (Opportunity Online) that will provide training to Texas public libraries on strategies to sustain broadband access in public computing centers. To enhance the sustainability of broadband access in libraries, TSLAC is providing two years of training in two key areas: E-rate and Broadband Technology Sustainability.

The federal E-rate program, offering discounts on telecommunications services and Internet connectivity, is a major element in public libraries' sustainability strategy. Through the Gates grant, TSLAC will train local library staff on the process of applying for E-rate discounts. Participation in the E-rate program allows libraries to deploy sustainable broadband access in their public computing centers despite reduced local budgets.

The Broadband Technology Sustainability training part of the Gates grant will instruct libraries on locating and developing community partnerships for connectivity and advocating for connectivity. By encouraging local partnerships and providing communities with tools that encourage regional collaborations, this training supports long-term BTOP project sustainability.

43. Matching Funds	
Applicant is providing matching funds of at least 20% towards the total eligible project costs?	Yes
Describe the matching contributions	The match for the TEAL project totals \$3,666,962 representing 31.5% of the total project budget. Cash matches amounted to \$2,383,787 and in-kind totaled \$1,283,175. Partners met or exceeded a 20% match. Matches are from grants; internal budgets via the state, cities, counties, school districts; or individual donors as indicated below. No



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	<p>contributor derived benefits from the project, and no financing was involved.</p> <ul style="list-style-type: none"> •TSLAC-cash match of \$152,000 from the Gates Foundation, a 30% match, for a part time TEAL Project Coordinator, and to train libraries to apply for E-rate funding—a project sustainability component. •Arlington Public Library(PL) System-cash match of \$170,499(30% of their project budget): \$24,460 from the City of Arlington’s grant funds; \$13,440 from the City of Arlington’s bond or operating funds; \$132,599 from Arlington PL Foundation donations. The match will provide equipment, furniture, a vehicle, curriculum. •Atlanta PL-cash match of \$22,850(47%) from the City of Atlanta for software, Internet, telephone/fax line, personnel/benefits •Austin PL-cash match of \$34,720(35.5%) from the City of Austin for personnel/benefits •Bertha Voyer Memorial Library-cash match of \$17,500(53%) from the Hall-Voyer Foundation for personnel and Internet service •Castroville PL-cash match of \$12,178(24.5%) from the City of Castroville for personnel/benefits •Claud H Gilmer Memorial Library-cash match of \$8,550 (20%) from Rocksprings Independent School District for personnel, equipment, software and contracted instructors. •Coleman PL-cash match of \$7,960(20.6%) from the City of Coleman for software and a contracted technology consultant •Eagle Pass PL-cash match of \$8,580(20%) from the City of Eagle Pass for equipment •Elgin PL-cash match of \$1,000(20%) from the City of Elgin/ Rotary Club of Elgin for equipment & software •Ethel L Whipple Memorial Library-cash match of \$7,865(21.8%) from the City of Los Fresnos for equipment, software, furniture, contracted instructors •Fairfield Library Assn-cash match of \$440(20%) from the City of Fairfield for equipment and furniture •Ferris PL-cash match of \$5,000(22.5%) from the City of Ferris for equipment
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	<ul style="list-style-type: none"> •Gatesville PL-cash match of \$3,668(30%) from the City of Gatesville for equipment, software, installation •Gilbreath Memorial Library-cash match of \$2,138(20%) from the City of Winnsboro/Gilbreath Memorial Library software and equipment •Harris County PL-cash match of \$485,796(30%) from Harris County for equipment, personnel/benefits, broadband fiber, internet service and electronic books for training classes •Hewitt PL-cash match of \$3,200(20%) from the Hewitt PL for computer equipment •Hildago PL-cash match of \$1,488(20%) from the Loan Star Grant for equipment •Houston PL-Total match:\$2,197,181.Cash match: \$917,606(15%) (from the City of Houston-\$438,41; Houston Community College-\$379,195; Houston Area Library Automation Network-\$100,000) for personnel/benefits, installation, equipment. Inkind match:\$1,279,575 (21%) (from the COH-\$1,036,456; HCC-\$153,549; HALAN-\$89,570) for training space. General methodology for inkind: 83 sitesxMarket Rate of \$2.75 sqft/month x 300 sqft space. Phased roll-out: 10 sites q1; 34 sites q2; 58 sites q3; 83 sites q4-q8 •Huntsville PL-cash match of \$24,935(21.7%) from the City of Huntsville for equipment •Jennie Trent Dew Library-cash match of \$2,794(20%): \$1,576 from the City of Goldthwaite and \$1,118 from Mills County(the meatgoat capital of the world) for equipment, software, Internet access •Lancaster Veterans Memorial Library-Match:\$53,141 (20%).Cash match:\$49,541(19%) from the City of Lancaster for travel, equipment, installation of equipment, furniture. They will also provide an inkind match of volunteer time to provide computer instruction valued at \$3,600 (1%) •Lee PL-cash match of \$1,440(20%) from the Lee Public Library for equipment •Lena Armstrong PL-cash match of \$10,425(30%) from the City of Belton for equipment, supplies, accessible furniture, software and
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	<p>contracted training</p> <ul style="list-style-type: none"> •Maffett Memorial Library-cash match of \$2,388(20%) from the City of Groesbeck for equipment •Palestine PL-cash match of \$31,777(20%) from the City of Palestine for equipment, software, online training subscriptions •Port Isabel PL-cash match of \$7,745(20%) from Cameron County for equipment and contracted training •Rita and Truett Smith PL-cash match of \$12,951(30%) from the City of Wylie for equipment, contracted instructors, supplies •Sachse PL-cash match of \$3,135(30%) from the City of Sachse for equipment •Salado PL District-cash match of \$16,165(20%) from the City of Salado for personnel/benefits, software, equipment, test prep and study database subscriptions •Sam Fore Jr. Wilson County PL-cash match of \$11,070(20%) from Wilson County for equipment, marketing •San Antonio PL-cash match of \$300,020(20%) from the City of San Antonio for equipment •Singletary Memorial Library-cash match of \$2,894(20%) from the City of Rusk for equipment and Internet access •Smithville PL-cash match of \$8,413 (26.4%) from the City of Smithville for personnel/benefits, software, equipment, curriculum, supplies, a service contract •The Library at Cedar Creek Lake-cash match of \$2,460(20%): \$1,230 from the Best Friends of the Library and \$1,230 and individual donors for equipment •Val Verde County Library-cash match of \$20,926 from Val Verde County, representing 22.5% of their project budget for personnel •Valley Mills PL-cash match of \$720(20%) from the Valley Mills Library Association for equipment •W. Walworth Harrison PL-cash match of \$2,641(20%) from the City of Greenville for equipment •White Settlement PL-cash match of \$8,309 (20%) from the City of White Settlement for equipment and software
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(\$11,523.60), Ethel Whipple Memorial Library (\$21,438.58), Fairfield Library Association (\$452.76), Harris County PL (\$278,141.18), Hidalgo PL (\$141,486.37), Houston Public Library (\$227,951.38), Jennie Trent Dew Library (\$2,171.15), Palestine PL (\$7,200), Port Isabel PL (\$40,720.74), and San Antonio Public Library (\$37,649.02). These are requests for funding and not disbursements.

44. Budget Narrative

Budget narrative	<p>The TEAL project has a total budget of \$11,637,719.57 of which \$7,970,757.07 (68.5%) is being requested from federal sources and \$3,666,962.50 (31.5%) is provided by local matches. Project funds will be allocated as follows –</p> <p>Personnel: \$2,785,724.13 (24%) - This includes inkind matches (\$712,486.63) for regional grant managers (library directors) and IT support personnel at participating libraries. Personnel costs are incurred across all quarters of the grant period with lower expenditures in the first quarter, when the project is starting up.</p> <p>Fringe: \$287,050.57, 2% - of total project costs, allocated as appropriate to meet local library and TSLAC policy.</p> <p>Travel: \$46,837.00 - Expended evenly across all quarters. The federal request includes travel costs for participating library staff to attend TSLAC training, matching costs include travel for the project manager to complete site visits.</p> <p>Equipment Costs: \$5,066,571.59, 44% - This includes the cost of upgrading or replacing end-user equipment (\$3,903,99.56) and the cost of updating broadband infrastructure and applicant equipment (\$1,163,472.03). Since the first quarter of the project implementation will focus on executing contracts, identifying vendors and preparing purchase orders, there is no equipment expense. For the next 4 quarters, there is significant expense as all the computer labs become operational. At San Antonio Public Library locations, significant alterations of the computer centers will push equipment purchases to the 4th quarter and beyond.</p> <p>Supplies: \$55,556.00, 1% - This includes a significant matching allocation (\$ 41,970.00) for development of curriculum and publicity</p>
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Unjust enrichment	The project has not received or applied for any Federal support for non-recurring costs in the area for which we are seeking an award.
Disclosure of federal and/or state funding sources	<p>The Texas State Library and Archives Commission receives federal support of approximately \$11 million annually in Library Services and Technology Act funding from the Institute of Museum and Library Services. This funding is used to support a variety of programs and services on a statewide level related to the development of library services.</p> <p>Approximately \$800,000 of this funding is used for grants in the Technical Assistance Negotiated Grant (TANG) program. This program provides staff assistance to public libraries throughout the state to support planning and implementation of technology services, including support of public computer centers. It is expected that grant funding for TANG would remain in place for the duration of the TEAL program. This grant funding does not provide for purchase or replacement of public computers, software, network infrastructure, or peripherals. It is focused on the training, support, and consulting for public library staff related to delivering technology services rather than the acquisition of technology itself.</p> <p>A state direct aid program, Loan Star Libraries, is also administered by TSLAC. Funding from this program may be used to achieve BTOP PCC objectives as local libraries are free to choose how to spend those funds. In the past state aid funds have been used to purchase computers, pay ongoing Internet connectivity costs, pay for technology training or support, personnel costs, or additional electronic resources.</p> <p>Participating libraries may also receive federal funding through the Universal Service Funding Schools and Libraries Program (E-rate) to receive discounts on telecommunications and Internet connectivity. Recent requests for funding for the 2009 funding year include Castroville (\$17,49.90), Ferris PL (\$1,230.82), Eagle Pass PL</p>



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	<p>materials. Federal funds will be used to purchase resume paper, create publicity materials and bookmarks. Allocated expenditures follow the project timeline across the fiscal quarters.</p> <p>Contractual: \$945,527.68, 8% - As soon as the project is awarded, we anticipate hiring a project manager, contractors to create curriculum, vendors to establish broadband access at computer centers and trainers to deploy the TSLAC mobile computer lab. Expenses across each quarter reflect the payment schedules for each of these vendors, which range from one-time installation fees, annual contracts to monthly recurring fees.</p> <p>Other: \$2,450,152.60, 21% of total project. Request from federal sources (40%) include the cost of altering existing computer centers in San Antonio, transportation costs for the mobile computer lab, publicity and outreach materials. There will be no expenses in the 1st quarter since contracts need to be finalized during this time. Matching contributions (60%) include use of training locations (\$2.75/sq ft, 300 sq ft/month) starting in the 3rd quarter and continuing for the duration of the project.</p> <p>We are waiving indirect costs and will absorb this into TSLAC's existing operating budget.</p>
Budget reasonableness	<p>The TEAL project proposes to serve youth, seniors, Hispanic and other ESL speakers and disabled patrons in underserved regions of Texas with broadband access and increased opportunities in basic computer skills, educational attainment and workforce development under the guidance of TSLAC. We propose to achieve this objective by upgrading existing public computer centers, establishing mobile computer laboratories and providing training to both librarians and to end users. As with other federal grants, TSLAC will ensure that federal, state and local laws are met during the procurement process to ensure reasonable expenditures.</p> <p>Personnel: \$2,785,724.13 (24%) – Participating libraries will employ staff paid to local standards. Supervisory staff time will be allocated as appropriate and is included in the federal request or in matching funds.</p>



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	<p>Fringe benefits are allocated similarly.</p> <p>Travel: \$46,837.00 – TSLAC will provide each participating library with 3 annual training sessions and 1 training webinar. With 38 participating libraries, it is possible to have a total of 342 training trips over the grant period. We are budgeting for 255 trips to account for need-based participation. TSLAC will match travel costs for the project manager.</p> <p>Equipment Costs: \$5,066,571.59 (44%) – The reasonable cost of a customized mobile computer lab vehicle and mobile hot-spot access point are included in this section. Laptops, desktops and peripherals are priced at standard negotiated rates for participating libraries within current contract terms. While every effort has been made to ensure that equipment costs are reasonable; frequent, rapid change in equipment specifications, price and availability may affect this section. Participating libraries and TSLAC will ensure that the most appropriate equipment available at the time of project implementation that meets project requirements will be purchased.</p> <p>Supplies: \$55,556.00 (1%) - Federal funds will be used to purchase resume paper, create publicity materials and bookmarks at typical costs for paper and toner.</p> <p>Contractual: \$945,527.68, (8%) - TEAL will employ a part-time project manager at a comparable pay to existing positions within TSLAC. Given TSLAC’s expertise in delivering state-wide programs, we have reasonably estimated the cost of training librarians. For all broadband access projects, participating libraries will pursue a standard competitive procurement process to ensure that all expenses are reasonable.</p> <p>Other: \$2,450,152.60 (21%) – A significant portion of these funds will be used to expand and update computer centers. Again, participating libraries will pursue a standard competitive procurement process to ensure that all expenses are reasonable.</p>
Demonstration of need	Texas libraries start with far fewer resources than libraries nationwide. They have an average of \$18.49 per capita (total operating



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expenditures) compared with \$34.95 nationally (ranking 48th), fewer library staff per capita (TX ranked 50th nationally), and fewer public access Internet computers per capita (TX ranked 40th nationally). Texas public libraries are primarily departments of cities and counties, and receive about 98% of their funding from those public entities. Texas' local governments rely on sales and property taxes for much of their budgets, as the state does not have an income tax. With the economic downturn over the last few years, local government budgets have declined, in many cases significantly. Texas sales tax receipts are down 14.2% over the last year (TX Comptroller report). As a result, local library budgets have declined as well. The library partners in this grant cite budget cuts, limited or no computer technology budgets, and being refused funding requests for technology by their governing authority as reasons for participating in this grant in order to meet their community's needs.

For example, the Houston Public Library reports that the city is facing an anticipated \$110 million shortfall over the next two years. The Mayor's options include across the board budget cuts in all departments.

The lack of local funds means that libraries facing increased demand do not have the means to add and/or update public access Internet computers to meet the need.

Providing new or enhanced training is also a challenge with current budgets and economic projections. With budget reductions, adding services is not possible without outside assistance. Staff development funds at local libraries are virtually non-existent, and is one of the first budget items cut when budgets are reduced. This further reduces the capacity of existing staff to offer needed assistance.

Although TSLAC's overall funding (federal and some state) has increased in past years, we have a 5% reduction in our 2010-2011 budget. In addition, the state is facing an \$11 billion shortfall in the 2011 legislative session. There are no funds available for this project in our current budget and we face reduced budgets in the upcoming years.

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45. Funds to States/Territories

States	Amount of Federal Grant Request
Texas	7,970,757

Funds to States/Territories Total: \$7,970,757

G. Historical Financials

46. Matching Funds

	2007	2008	2009
Revenue	17,122,412	23,921,722	26,473,277
Expenditures	17,659,142	24,096,807	24,727,026
Net Assets	0	0	0
Change in Net Assets from Prior Year	0	0	0
Bond Rating (if applicable)	NA	NA	NA

H. Public Computer Center Summary

47. Jobs

How many direct jobs-years will be created from this project?	126
How many indirect jobs will be created from this project?	81
How many jobs will be induced from this project?	45

48. Methodology used to estimate jobs:

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TSLAC utilized the methodology suggested by the Council of Economic Advisors. We took the total grant request, including federal and match, of \$11,637,419 and divided this by \$92,000 to arrive at 126 job-years created.

These 126 job-years were then used a multiplier of 0.64 to arrive at 81 for the indirect jobs and a multiplier of 0.36 to arrive at 45 induced jobs.

49. Proposed # of Public Computer Centers	
Schools (k-12)	1
Libraries	114
Medical and Healthcare Providers	0
Public Safety Entities	0
Community Colleges	10
Public Housing	0
Other Institutions of Higher Education	0
Other Community Support Organization	0
Other Government Facilities	30

Total Proposed Public Computer Centers 155

Current Total Persons in Service Area 6905285

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

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

51. Weekly Usage Summary	
Total Current # of Persons Served per 120-hour Business Week	296296
Total Proposed # of Persons Served per 120-hour Business Week	364374
Total Current # of Persons Served per 48-hour Weekend	41601
Total Proposed # of Persons Served per 48-hour Weekend	50449

52. Broadband Workstation Summary	
Number of Current Workstations proposed to be upgraded	480
Total Current # of Broadband Workstations	3448
Total Proposed # of Broadband Workstations	5661



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Average Current Facility Broadband Connection Speed	82.70 Mbps
Average Proposed Facility Broadband Connection Speed	88.60 Mbps

I. Project Readiness

53. Licenses and Regulatory Approvals

There are no federal or state licenses or regulatory approvals needed to begin the project(s) that we are aware of at this time. 37 of the 38 libraries will not need any local, state, or federal licenses or regulatory approvals to begin or complete their project activities.

One partner library, San Antonio Public Library, plans to undertake alteration of facilities that may require local building permits. These permits are currently "not applied for". Their project plan allows for the permitting process in the overall timeline and we have adjusted our forecast of expenditures to allow for this. Alterations are planned to be completed by the end of quarter 3 and access of public computers in place by the end of quarter 4.

54. Organizational Readiness

Administrative - TSLAC has extensive experience administering grant programs. We currently administer over \$15 million in state and federally funded grant programs each year, with our annual federal LSTA state program grant over \$11 million. Over the last decade we have administered four major statewide grants from the Bill and Melinda Gates Foundation that involved working with a large number of sites on computer technology hardware and software upgrades/replacements and statewide training. The latest of these involved a project grant of \$2,385,500 covering 366 library locations receiving 1,900 public computers. We have a longstanding statewide continuing education and consulting program. Our staff is experienced in statewide training using multiple delivery avenues. We have administrative processes (financial and grants management) in place to effectively administer grant programs of this scale, and we will leverage existing processes to ensure that this program is launched and implemented in a timely fashion, while adhering to all established guidelines.



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Technology Support - TSLAC currently funds 10 technology support positions located in each geographic region of the state through the Technology Assistance Negotiated Grant (TANG). These positions will be called upon to support the program activities as needed by the local public libraries.

Program Management - TSLAC routinely convenes meetings, trainings, and informational sessions in both virtual and face-to-face settings. We are aware of geographic challenges of the state and work to minimize travel and the resulting disruption on program participants. To maximize and ensure efficient use of funding, we also have expanded our use of webinars to deliver information to groups of library staff. We will continue to deliver training and informational sessions through this medium throughout the life of the grant and ensure that these are also archived so that libraries and other organizations providing PCC services can benefit from this knowledge. We will routinely facilitate communication among grantees and work to ensure that all libraries are aware of opportunities for cost-savings available to them through statewide purchasing contracts for technology equipment and services. We will also leverage these contacts for any equipment or services that we procure to ensure maximum value for the grant dollars. Existing staff at the state library bring experience managing large-scale technology and training programs. Partner libraries have extensive experience implementing projects on the scale they are proposing.

55. Project Timeline and Challenges

Quarter 1

- Hire project manager (PM), train PM on purpose, deliverables and reporting
- Convene partner meeting with Texas Workforce Commission, Council of Governments, TANG staff, and other PCC providers to coordinate a detailed project plan and outreach efforts
- Prepare/deliver grant contracts to sub-recipients
- Launch BTOP project web site, marketing and outreach campaign
- Prepare bids and award contracts for training providers
- Prepare schedule for mobile labs based upon updated research/need
- Sub-recipients begin ordering/purchasing equipment
- Prepare marketing plan for public training classes

Milestones:

- Grant contracts delivered to all sub-recipients
- Research and ordering completed on equipment for mobile labs managed by TSLAC



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- Preliminary schedules for training prepared

Quarter 2

- Deliver program kickoff, orientation, reporting webinars
- Prepare and execute purchase orders for mobile lab equipment
- Finalize curriculum and deploy train-the-trainer modules
- Track sub-recipient progress on ordering and installation
- Execute state-wide and local marketing plans
- Develop mobile-lab training schedule for next two quarters
- Maintain/update project website to be current and relevant to stakeholders and patrons

Milestones:

- Receive completed contracts from sub-recipients
- Sub recipients receive equipment and begin installation at local PCCs

Quarter 3

- Track sub-recipient PCC deployment and training progress
- Begin staff training using train-the-trainer curricula
- Begin PCC training sessions
- Update website and marketing material to be current and relevant
- Continue deployment and maintenance of PCCs
- Receive quarterly reports from sub recipients
- Begin sustainability planning for PCCs using local collaborative partnerships

Milestones:

- Training sessions for staff and patrons begin
- PCCs operational per project plan
- Reports submitted to TSLAC and to BTOP project managers

Quarters 4 – 11

Tasks and milestones for these quarters are typical and are will recur as appropriate for during this period.

- Offer training sessions to library staff and patrons, as determined by detailed local project plans
- Update website and marketing material to be current and relevant
- Continue maintenance of PCCs
- Conduct site visits
- Continue to develop sustainability plans for PCCs using local collaborative partnerships
- Receive quarterly reports from sub recipients

Milestones:

- Patrons and staff continue to receive training per project plan



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- Consolidated annual reports submitted Quarter 12
 - Continue training and PCC maintenance tasks
 - Transition to new sources of funding to sustain PCCs
- Milestones:

- Complete end of project report

Key Challenges: The number of partners involved in the project requires active monitoring to ensure that individual project timelines stay on track. An experienced project manager will be hired immediately upon receipt of award to mitigate this risk.

56. SPIN Number

J. Environmental Questionnaire

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

No

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

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

Yes

General office supplies to support programmatic activities; electronic equipment, including desktop and laptop computers, networking equipment, including wireless access points, peripherals, including printers, power strips / surge protectors, and computer / network cabling.

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

Yes



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

Yes

One project applicant (San Antonio Public Library) would renovate several areas within their main library to improve accessibility, capacity, and performance of the public computer areas. These will be minor interior renovations and would be completed within the first 3 quarters of the project.

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

Yes

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

Yes

Various training sessions will be held at public library locations throughout the state in existing facilities.

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

No

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

Yes



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Some libraries may obtain an upgraded internet connection either through the use of grant funds or with local funding to support grant activities. None of these upgrades will involve the laying of fiber optic cable to the best of our knowledge.

K. Environmental Questionnaire – Part 2

65. Project Description

66. Property Changes

67. Buildings

68. Wetlands

69. Critical Habitats

70. Floodplain

71. Protected Land

72. Coastal Area



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73. Brownfield



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Uploads

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

Upload Name	File Name	Uploaded By	Uploaded Date
Management Team Resumes and Organization Chart	TSLAC henry stokes_resume.doc	Jowaisas, Christopher	03/11/2010
Management Team Resumes and Organization Chart	TSLAC-BTOP-PCC-Resume-ChristopherJowaisas.pdf	Jowaisas, Christopher	03/11/2010
Management Team Resumes and Organization Chart	TSLAC - Deborah Littrell - Resume.pdf	Jowaisas, Christopher	03/11/2010
Management Team Resumes and Organization Chart	TSLAC - Peggy Rudd - Resume.pdf	Jowaisas, Christopher	03/11/2010
Management Team Resumes and Organization Chart	TSLAC - Vince Houston - Resume.pdf	Jowaisas, Christopher	03/11/2010
Management Team Resumes and Organization Chart	TSLAC -Dawn Vogler-resume.doc	Jowaisas, Christopher	03/11/2010
Management Team Resumes and	TSLAC - Agency Organization Chart.pdf	Jowaisas, Christopher	03/11/2010



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Organization Chart			
Management Team Resumes and Organization Chart	TSLAC - Administrative Services Organization Chart.pdf	Jowaisas, Christopher	03/11/2010
Management Team Resumes and Organization Chart	TSLAC - Executive Group Organization Chart.pdf	Jowaisas, Christopher	03/11/2010
Management Team Resumes and Organization Chart	TSLAC - Library Development Division Organization Chart.pdf	Jowaisas, Christopher	03/11/2010
Government and Key Partnerships	The Library at Cedar Lake - BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/11/2010
Government and Key Partnerships	Hewitt-PL-BTOP-PCC-Letter of Support.pdf	Jowaisas, Christopher	03/15/2010
Government and Key Partnerships	Lee Public Library-BTOP-PCC-Letter of Support.pdf	Jowaisas, Christopher	03/15/2010
Government and Key Partnerships	Congressman Doggett ltr of support TSLAC BTOP PCC.pdf	Jowaisas, Christopher	03/15/2010
Government and Key Partnerships	Smithville-BTOP-Letter of Support.pdf	Jowaisas, Christopher	03/11/2010
Government and Key	TX Workforce Commission	Jowaisas, Christopher	03/11/2010



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Partnerships	endorsement and commitment letter.pdf		
Government and Key Partnerships	Support Letter from Senator Mike Jackson.pdf	Jowaisas, Christopher	03/11/2010
Government and Key Partnerships	Governor Mark White Letter of Support.pdf	Jowaisas, Christopher	03/11/2010
Government and Key Partnerships	Senator John Whitmire Letter of Support.pdf	Jowaisas, Christopher	03/11/2010
Government and Key Partnerships	Rep Howard TSLAC-BTOP-PCC-Letter of Support.pdf	Jowaisas, Christopher	03/11/2010
Government and Key Partnerships	Huntsville-TX-BTOP-PCC-Letter of Support.pdf	Jowaisas, Christopher	03/12/2010
Government and Key Partnerships	San Antonio Public Library - BTOP-PCC-Letter of Support.pdf	Jowaisas, Christopher	03/12/2010
Government and Key Partnerships	San Antonio Public Library - Goodwill Industries - BTOP - PCC - Letter of Support.pdf	Jowaisas, Christopher	03/12/2010
Government and Key Partnerships	San Antonio Public Library-SA Metropolitan Health District-BTOP-PCC-Letter of Support.pdf	Jowaisas, Christopher	03/12/2010
Government and Key	Senator Mario Gallegos -TSLAC-	Jowaisas, Christopher	03/12/2010



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Partnerships	BTOP-PCC-Letter of Support.pdf		
Government and Key Partnerships	Hidalgo-BTOP Letter of Support.pdf	Jowaisas, Christopher	03/12/2010
Government and Key Partnerships	Senator Kirk Watson TSLAC BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/12/2010
Government and Key Partnerships	Rep Lois Kolkhorst TSLAC BTOP PCC Support Letter.pdf	Jowaisas, Christopher	03/12/2010
Government and Key Partnerships	Chairman Pitts TSLAC BTOP PCC Support Letter.pdf	Jowaisas, Christopher	03/12/2010
Government and Key Partnerships	City of Houston-Library-TSLAC-BTOP-PCC-Letter of Support.pdf	Jowaisas, Christopher	03/13/2010
Government and Key Partnerships	Gates Grant Agreement.pdf	Jowaisas, Christopher	03/13/2010
Government and Key Partnerships	Claud H Gilmer Memorial Library-BTOP-PCC-Southwest-TX-Telephone-Comp-Letter-of-Support.pdf	Jowaisas, Christopher	03/13/2010
Government and Key Partnerships	Claud H Gilmer Memorial Library-BTOP-PCC-Gilmer-Foundation-Letter-of-Support.pdf	Jowaisas, Christopher	03/13/2010



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Government and Key Partnerships	Salado-PL-BTOP-Letter-of-Support.pdf	Jowaisas, Christopher	03/04/2010
Government and Key Partnerships	Arlington-Public-Library-Letter-of-Support.pdf	Jowaisas, Christopher	03/04/2010
Government and Key Partnerships	Bertha Voyer Memorial Library BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/04/2010
Government and Key Partnerships	Sam Fore Jr - Wilson County BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/05/2010
Government and Key Partnerships	Port Isabel Public Library BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/05/2010
Government and Key Partnerships	Atlanta Public Library BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/05/2010
Government and Key Partnerships	White Settlement Public Library BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/05/2010
Government and Key Partnerships	Ferris Public Library BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/05/2010
Government and Key Partnerships	Ethel Whipple Memorial Library BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/05/2010
Government and Key Partnerships	Rita and Truett Smith Public Library BTOP PCC Letter of	Jowaisas, Christopher	03/05/2010



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	Support.pdf		
Government and Key Partnerships	Arlington Public Library Foundation BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/07/2010
Government and Key Partnerships	Valley Mills Public Library BTOP PCC Letter of Support.doc	Jowaisas, Christopher	03/07/2010
Government and Key Partnerships	Harris County Public Library-BTOP-PCC-Letter of Support.pdf	Jowaisas, Christopher	03/07/2010
Government and Key Partnerships	W Walworth Harrison Public Library BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/07/2010
Government and Key Partnerships	Sachse Public Library-BTOP-PCC-Letter of Support.pdf	Jowaisas, Christopher	03/07/2010
Government and Key Partnerships	Maffett Memorial Library BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/07/2010
Government and Key Partnerships	Lena-Armstrong-Belton-BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/08/2010
Government and Key Partnerships	Elgin BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/08/2010
Government and Key Partnerships	Jennie Trent Dew BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/08/2010

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Government and Key Partnerships	Texas Library Association BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/08/2010
Government and Key Partnerships	Claud H Gilmer Memorial Library BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/08/2010
Government and Key Partnerships	Austin Public Library - City of Austin - BTOP - PCC - Letters of Support.pdf	Jowaisas, Christopher	03/09/2010
Government and Key Partnerships	Val-Verde-BTOP Letter of Support.pdf	Jowaisas, Christopher	03/09/2010
Government and Key Partnerships	Castroville Public Library -BTOP-PCC-Letter of Support.pdf	Jowaisas, Christopher	03/10/2010
Government and Key Partnerships	Palestine Public Library - BTOP - PCC - Letter of Support.pdf	Jowaisas, Christopher	03/10/2010
Government and Key Partnerships	Support letter from Rep. Mark Strama.pdf	Jowaisas, Christopher	03/10/2010
Government and Key Partnerships	Gilbreath-Memorial-Library-Winnsboro-BTOP-PCC-Letter of Support.pdf	Jowaisas, Christopher	03/10/2010
Government and Key Partnerships	Coleman Public Library - BTOP - PCC - Letter of Support.pdf	Jowaisas, Christopher	03/10/2010



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Government and Key Partnerships	Gatesville BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/10/2010
Government and Key Partnerships	Eagle Pass Public Library BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/10/2010
Government and Key Partnerships	Singletary Memorial Library BTOP PCC Letter of Support.pdf	Jowaisas, Christopher	03/10/2010
Government and Key Partnerships	Fairfield Library Association - BTOP-PCC - Letter of Support.pdf	Jowaisas, Christopher	03/10/2010
Government and Key Partnerships	Lancaster Veterans Memorial Library - BTOP - PCC - Letter of Support.pdf	Jowaisas, Christopher	03/11/2010
Historical Financial Statements	2008 TSLAC Historical Financial Statement.pdf	Jowaisas, Christopher	03/11/2010
Historical Financial Statements	2009 TSLAC Historical Financial Statement.pdf	Jowaisas, Christopher	03/11/2010
Public Center Detail	TSLAC-BTOP-PCC-PCC-Details.xls	Jowaisas, Christopher	03/13/2010
Detailed Budget	TSLAC-BTOP-PCC-Detailed-Budget.xls	Jowaisas, Christopher	03/14/2010
BTOP Certifications	TSLAC-BTOP-PCC-Authentication-and-Certification-	Jowaisas, Christopher	03/14/2010



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	Signed.pdf		
SF424 Budget (A or C)	SF424-A-Budget-FINAL.pdf	Jowaisas, Christopher	03/14/2010
SF424 B and D Assurances	TSLAC-BTOP-PCC-SF424 B-Assurance-Signed.pdf	Jowaisas, Christopher	03/14/2010
SF424 B and D Assurances	TSLAC-BTOP-PCC-SF424 B-First-Page.pdf	Jowaisas, Christopher	03/14/2010