



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

Submitted Date: 3/15/2010 4:29:51 PM	Easygrants ID: 6743
Funding Opportunity: Public Computer Centers	Applicant Organization: IDAHO COMMISSION FOR LIBRARIES
Task: Submit Application - Public Computer Centers	Applicant Name: Ann Joslin

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A. General Application Information

Applicant Information	
Name and Federal ID for Applicant	
DUNS Number	833280410
CCR # (CAGE)	5W2P2
Legal Business Name	IDAHO COMMISSION FOR LIBRARIES
Point of Contact (POC)	TANYA JOHNSON 2083342150 Ext. 105 tanya.johnson@libraries.idaho.gov
Alternate POC	ANN JOSLIN 2083342150 Ext. 134 ann.joslin@libraries.idaho.gov
Electronic Business POC	RICHARD WILSON 2083342150 Ext. 135 richard.wilson@libraries.idaho.gov
Alternate Electronic Business POC	GREG ANDERS 2083342150 Ext. 135 greg.anders@libraries.idaho.gov

Name and Contact Information of Person to be Contacted on Matters Involving this Application:	
Prefix	
First Name	Ann
Middle Name	
Last Name	Joslin



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Suffix	
Telephone Number	208-334-2150
Fax Number	208-334-4016
Email	ann.joslin@libraries.idaho.gov
Title	

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

Project Role	Name	Phone	Email
Secondary Point of Contact	Dr. Gens , Johnson	2083013126	gens.johnson@g mail.com

Other Required Identification Numbers

Easygrants ID	6743
Funding Opportunity Number	500000
Catalog of Federal Domestic Assistance Number	BTOP CFDA Number: 11.557 BTOP CFDA Title: Broadband Technology Opportunities Program

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 small business concern?	No

Authorized Organizational Representative



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AOR	JOSLIN, ANN
Result	Applicant Authorized

Project Title and Project Description

Project Title: High Quality Public Computing in Idaho Libraries

Project Description: This project increases connectivity and computing capacity in Idaho’s least connected public libraries. ICFL and partners will leverage existing and new online resources and services addressing education, employment, and e-government to reach vulnerable populations through Ethernet and public access computers. Sustainability, scalability, and collaboration are key elements.

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
5022	Nez Perce Reservation Broadband Enhancement
3539	Coeur d'Alene Reservation FTTH Project
4791	Idaho Rural Communities Broadband Initiative

If YES, please explain any synergies and/or dependencies between this project and any other applications. This application coordinates with five BIP and BTOP CCI Round 1 and 2 applications that seek to increase connectivity to a variety of institutions including a total of 34 libraries that are part of this application. It is currently unknown if the applications will be awarded. This application focuses on low cost connectivity solutions such as radio frequency and extant local loop connections; it is independent but linked to these other applications. The libraries identified in the BIP and BTOP applications are all identified in this application as being in greatest need of increased connectivity.



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Each linked application presents an alternative funding source for connectivity that will help accomplish the goals of this proposal. The budget assumes that none of these projects will be awarded; therefore the cost of increasing connectivity identified in this application can only be reduced for every library connected using another funding source. If the other applications are awarded, this project will include those libraries in computing capacity upgrades and subscription services. It will also include equipment inside the library to ensure connectivity. Should none of the BIP or BTOP applications be awarded, this project will continue as is with no changes.

ICFL coordinated planning efforts with these other applicants to ensure that library-specific needs are addressed, and that this application is responsive to other sources of increased connectivity.

First Step Internet, Digital Bridge, and the Coeur d'Alene Tribe applications include last mile connectivity solutions to libraries in BIP and BTOP Round 1 applications. The Nez Perce Tribe and the Idaho Education Network (IEN) will submit Round 2 CCI applications. The Nez Perce proposal provides last mile radio and broadband Internet services. The IEN proposal includes last mile fiber facilities.

16 of the 34 libraries have been identified as potentially served by fiber and electronics installed on BIP grants. Two fiber-served libraries would be "lit" with 100 Mbps Ethernet Internet through the Coeur d'Alene Tribe BIP project. ICFL's proposal includes a competitive bidding process that enables the 14 libraries that would be connected through the IEN project to apply for E-Rate support to "light the fiber" with Ethernet Internet. If the BIP-funded fiber solution is unavailable, they will be served with wireline or area wireless.

The remaining 18 libraries (First Step, Nez Perce Tribe, Digital Bridge) will be served with area wireless Internet. ICFL's proposal will increase Internet bandwidth, if necessary, to accommodate the additional public access computers at each library. No additional transmission equipment will be required as a part of the ICFL project.

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:



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Name	Title	Employer

B. Executive Summary, Project Purpose and Benefits

Essay Question

Executive Summary of the proposed project:

The objectives of High Quality Public Computing in Idaho Libraries (“the project”) are to increase connectivity rates in the least connected public libraries, upgrade public computing resources, and leverage partnerships to offer services in education, workforce development, and e-government. The Idaho Commission for Libraries (ICFL) is submitting this proposal to leverage the current role of libraries as anchor institutions to raise education levels, address economic and employment challenges, and provide access to services for those most in need. Public libraries are anchor institutions in communities throughout Idaho. Residents count on their libraries —attendance at library programs is 25% higher than the national average. ICFL and public libraries work collaboratively to meet the changing information demands of Idaho communities.

Computers and access to broadband are crucial to meet the demand for library use. Idaho is the 7th most rural state (18.1 people/sq mile). Much of it is considered underserved; many communities have limited high-speed Internet access. Services can be tens or hundreds of miles away. Many of these areas are the most severely affected by the recession; the cost of computers and Internet can be prohibitive for residents. 64% of libraries are the only source of free internet access in their communities, the only local place to access online services and resources. Over the last year, library computer use increased, especially for education, job search, and E-Government services.

Three years ago Idaho had one of the lowest unemployment rates in the country. Since then it has experienced the largest increase in unemployment of any state—over 150%. The demand for workforce and adult education services is difficult to meet as many residents must travel great distances to access state and federal resources. Only 21% of Idahoans over 25 have at least a Bachelor’s degree, much lower than the national average (27%). Many youth do not have free access to online educational resources that would aid their achievement. And as government services move online, public libraries play a critical role in e-government. Idaho citizens need



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better access to federal and state agencies and their services, such as filing tax returns and applying for social security and welfare assistance. Idaho libraries offer almost 5 times the coverage area of Department of Labor one-stop centers, almost 23 times that of Adult Basic Education centers and community colleges, and are open when schools are not. With 141 library locations—one in nearly every community—libraries are the most logical solution to help meet Idaho’s needs.

But for libraries to meet demand, they must first address three primary challenges:

- Low Bandwidth: 40% have less than 1.5 Mbps compared to the national average of 17%.
- Lack of Computers: 25% have three or fewer computers, and many are too old to run online programs, courses, and tutorials.
- Public Awareness and Training: Most areas targeted in this proposal are underserved with broadband, and the cost of computers and monthly access make libraries the only source for online resources required to develop 21st century skills.

This proposal is aggressive and achievable. It will almost double the computing capacity in 40% of public library facilities by 43%, from 391 workstations to 561. It will increase connectivity in those facilities by 400%, from an average of 1.3 Mbps to an average of 6.2. The upgrade strategy emphasizes scalable connectivity solutions, capacity-building training, and E-Rate application support to ensure the one-time investment is sustainable and will meet future demand.

ICFL has developed a broad range of state-level partnerships to plan and implement outreach and training. Through these partnerships, Idaho will expand education, employment, and e-government services to 55 of 141 library facilities. Idaho Public Television will provide an online video library tailored for K-12 students. The Idaho Department of Education and Idaho Digital Learning Academy will ensure that statewide online student resources are accessible in libraries, and that librarians have teacher accounts for state-sponsored education applications. The Idaho Department of Labor, Adult Basic Education, and community colleges will ensure that information and access to their online resources and courses are available in libraries. ICFL will provide a statewide subscription to Learning Express Library’s adult modules to complement efforts in adult education, professional development, and job search. All partners and vendors will provide training to librarians on these resources, and librarians will provide referrals for patrons to relevant partners.

The project will generate nearly 7,700 new users, train at least 1,100 people in basic computing, and offer education, workforce, and e-government services to 376,512 Idahoans (28% of the total population). It will serve the following vulnerable populations:

- Hispanic: 54,326 served (40% of Idaho Hispanics)



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- Native American: 9,470 served (47% of Idaho Native Americans)
- English as Secondary Language (ESL): 39,807 served (32% of those statewide)
- Disabled: 61,847 served (28% of Idaho's disabled)
- Low Income: \$22,054 per capita income (58% of the national average); 93% of the libraries serve counties meeting one of two BTOP economic distress indicators and 29% meet both
- Unemployed: 37,631 served (31% of Idaho's unemployed)
- Youth: 127,283 served (31.25% of Idaho's youth)

Partners and libraries provide local targeted solutions to meet the needs of their communities, and the resources and partnerships in this project will increase their capabilities to do so.

The project will be completed within two years (60% complete in the first year). The overall budget is \$2,850,346 and includes a 33.1% match (21.5% cash and 11.5% in-kind).

The project will create 20 jobs directly and indirectly. The employment benefit for communities will extend far beyond direct and indirect jobs, however. The access to online resources for education and skill development is an investment in economic efficiency and provides the infrastructure necessary to create long-term and sustainable economic growth.

ICFL is proud to lead this application. As a self-governing executive agency, ICFL has provided continuous service to the citizens of Idaho since 1901 and has an outstanding track record in both fiscal and program accountability. It has successfully worked with the state's public libraries through support for strategic planning, consulting services, delivery of continuing library education, administration of grants, convening advisory groups, and planning/implementation/evaluation of statewide service. This proposal represents another collaborative effort to provide opportunities to all Idahoans that address local and immediate needs.

This proposal supports long-term efforts of our partner agencies, communities, and residents to:

- Lower costs of service delivery. By employing technology to overcome challenges of distance and cost, the state will be able to serve more of its citizens at reduced cost. A one-time investment in technology will significantly expand the reach of services at minimal ongoing costs.
- Improve workforce skill level. By increasing access to existing workforce development online resources and by providing Learning Express Library's professional certification preparation, unemployed and low skill/low wage workers will attain skills necessary for a living wage career pathway. This will improve employment rates, make Idaho a more attractive place for businesses requiring high-skill workers, and help develop a competitive workforce for the 21st century.
- Raise adult basic education. By expanding Adult Basic Education resources to our least-connected communities, and by providing new adult learning resources like Learning Express



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Library, adult learners will have improved access and greater resources to assist in educational attainment. This will help increase the percentage of residents with at least a high school diploma.

-Raise student achievement. By expanding access to curriculum-based online resources and by adding new complementary resources, Idaho students will have improved access to informal learning outside of school hours.

-Improve higher education attainment. By improving availability of our online college courses, distance learners will have greater access to post-secondary education resources throughout the state. This will help increase the percentage of residents with at least some college and with college degrees, and it will help attract new business to Idaho.

This proposal builds on our great success and recognizes that we must overcome unique challenges to achieve our long-term goals. It addresses those challenges in a collaborative, efficient, and effective way.

Project purpose:

Idaho is a rural state, much of which is considered “underserved.” Travel and communication challenges result from the state’s geology and geography. Two time zones, mountain ranges, and wilderness areas isolate north from south, and highways and fiber routes need to traverse narrow rocky canyons.

The recession has impacted Idaho more than almost any other state—since 2008, the unemployment rate increased over 150%. Nearly every rural county is designated a Target Employment Area (unemployment over 150% of the national average). The greatest losses are in manufacturing, logging, mining, and construction industries—jobs that will not return. The unemployed need GEDs, computer skills, and new training to reenter the workforce. To improve educational attainment and skills, unemployed and low income residents need to access services from Idaho Department of Labor (IDOL), Adult Basic Education (ABE), and colleges. Yet there are only six ABE and college locations statewide and of the 25 IDOL one-stop centers designed to centralize unemployment and job-related services, only 7 have computer labs. Idaho’s economic recovery and growth hinge on improving access to these services.

Only 21% of Idahoans over 25 have at least a Bachelor’s degree (national average is 27%). Many youth do not have free access to online learning resources that would aid achievement. The US Department of Education identifies 16 Idaho schools, all small and rural, that have not met “adequate yearly progress” (AYP).

Public libraries are often the only local free public Internet access points and therefore play a critical role in e-government. Idaho citizens need better access to federal and state agencies and



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their services, such as filing tax returns and applying for social security, Medicaid and unemployment benefits, and welfare assistance. New entrepreneurs need access to online business license services available through the state portal.

With 141 locations in Idaho, public libraries as PCCs can address these challenges. Idahoans count on their libraries; attendance in library programs is 25% higher than nationwide, even while the operating income is 24% less than the national average. 64% of libraries reported they are the only source of free Internet access in their communities. Over the last year, library computer usage increased, especially for education, job search, and e-government services.

Idaho libraries face three issues in meeting current economic and education needs: low bandwidth, too few computers, and lack of public awareness and training. Broadband is inadequately deployed in Idaho libraries. 40% have <1.5 Mbps (national average, 17%). All 77 libraries in this proposal have <5 Mbps. Bandwidth per public access computer is less than what is needed to use IDOE, IDOL, ABE, and other online content and services. 25% of libraries have 3 or fewer computers; many are too old to run the online programs, courses, and tutorials.

The majority of areas targeted in this project are underserved, and libraries are the local only source for online resources required to develop 21st century skills. 60% of these libraries are in counties with poverty rates above the state average, ranging from 13 to 21%. This project provides computing capacity and services to vulnerable populations in rural communities, especially informal learning resources for children, job skills and adult basic education for unemployed and low income populations, and access to e-government services.

To expand the scope and reach of services to the areas most in need, ICFL must increase the number of public access computers to meet library needs, and increase bandwidth to 600 Kbps per computer to support statewide education and job services. 40% of the 141 public library facilities will be upgraded.

To address public awareness and end-user training relating to broadband, partnerships have been developed with the Idaho Department of Labor (IDOL), Adult Basic Education (ABE), the Idaho Digital Learning Academy (IDLA), Idaho community colleges, Idaho Public Television (IdahoPTV), and the Idaho Department of Education (IDOE). Partners will conduct coordinated outreach and training, and will ensure their online resources are accessible from library PCCs: IDOE's state curriculum-based tutorials Apangea and Plato, ABE's Skills Tutor, IDOL's Career Information System, and the many courses available to distance learners from IDLA and community colleges. New online resources made available through this project—Learning



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Express Library, the IdahoPTV Teachers Domain, and Internet2 and its K20 Initiative—address the needs of children, adults needing basic education and computing skills, and job-seekers. To ensure this program is replicable throughout the state, partnerships begin with state-level agencies to provide content and service delivery models. The service delivery model and implementation strategy emphasize local solutions to meet local needs. The emphasis on sustainable and scalable solutions ensures the project will continue and expand beyond the grant period.

The project addresses three of the statutory purposes of BTOP’s Public Computer Center initiative:

- Expands Internet access and computing capability in libraries that, due to low bandwidth, are currently underserved.
- Provides broadband education, awareness, training, access, equipment, and support to libraries, and expands the reach of community colleges, workforce development centers, ABE centers, and schools.
- Stimulate local demand for broadband using basic computer training and access to education and E-Government services as a gateway.

Recovery Act and Other Governmental Collaboration:

The proposal leverages the following state and federal funding sources.

Connectivity: See “Other Applications.”

K-14: ICFL is partnering with the Idaho Dept of Education to expand subscription rates of Apangea and Plato, online tutoring programs funded through the Idaho state budget. Idaho community colleges will expand availability of online courses and resources, mostly funded through the Idaho state budget. IdahoPTV, another state agency, will provide online video collections (including the NSF Digital Library) for K-14 students. Internet 2 (a NSF project) resources for K-12 students and public libraries will be available statewide. The Idaho Digital Learning Academy (IDLA) is dependent on ICFL online collections such as these for library resources for its students.

Workforce Development: ICFL is partnering with the ABE program and IDOL to expand course offerings, trainings, and online resources for clients, and to grow the client-base through library referrals and awareness campaigns. A pilot collaboration of ABE, North Idaho College, and the Coeur D’Alene Public Library already exists. This proposal expands the reach of that program and replicates it statewide. The ABE program is funded entirely by Title II-Adult Education and Family Literacy Act.



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The IDOL Workforce Development Council one-stop offices will expand their reach and service offerings into counties and communities with the highest unemployment and lowest skill levels in Idaho. The one-stop system receives nearly all funding through the Workforce Investment Act. Demand for these agencies' services cannot meet supply. This investment will not only leverage federal funding to expand services, but it will make delivery more efficient through technology solutions.

E-Government: The Idaho Dept of Administration, through the AccessIdaho portal, creates more efficient government services. ICFL is partnering with IDOA to ensure the availability and promotion of AccessIdaho, the e-government portal, in libraries. The Idaho state budget funds AccessIdaho. The proposal extends the reach and seeks to increase use of online government services. Free access to Idaho's e-government portal leverages state funds to achieve the missions of many agencies offering services online.

ICFL receives over \$1.3 million in LSTA funds annually to support statewide initiatives and grants. This project supports LSTA goals to expand services for learning and access to information and educational resources in a variety of formats, and to develop library services that provide all users access to information.

ICFL manages the Talking Book Service, offering digital audio books and other services to the visually and physically impaired. Many libraries do not have enough bandwidth to download digital books. The Library of Congress continues to invest in digitizing books for this program; through this proposal, residents can benefit from this federal investment

Technology Strategy:

To provide functional access to on-line collections and services, particularly training and video, a minimum of 600 Kbps is required for each public access computer workstation. None of the 55 libraries have this. The average library bandwidth is 1.2 Mbps, an average of 126 Kbps per computer. This grant likely represents the only opportunity over the next decade for these libraries to address the constantly increasing demand for bandwidth. The technology strategy focuses on expanding broadband connectivity, scalable to 50 Mbps, that is affordable over time.

Connectivity

There are 4 means of telecommunication connectivity addressed in this project:

- fiber (extant or installed as part of a coordinated BIP/BTOP project),
- leased wireline services, broadband Ethernet capable,
- area wireless radio to an IP hub, and
- more bandwidth on existing DSL services (5-7 Mbps cap)



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Ethernet, scalable in the future, is the preferred transport. Ethernet requires groomed copper loop, fiber, or higher capacity radio. Half of the candidate libraries may have wireline transport (bonded T-1 or fiber) contracted from a local common carrier that can carry Ethernet. One-time capital improvements in this case are limited to a 4-port router/bridge to support bonded T-1 service.

Where wireline Ethernet is not available, wireless connectivity to IRON is the least expensive Ethernet broadband service option in terms of on-going billed cost. A microwave radio is installed to provide the local loop services to the library. This point to multipoint radio is connected to a fully licensed and redundant middle mile network, peered with IRON. This connection facilitates scalable Internet connections starting at 5 Mbps and allows for advanced L2VPN connections across the network. (See IRON Network Description.) This project will install area wireless radio, single hop to IP hub, IP bandwidth leased service at the hub and the terminating multi-port server/router with firewall at the library.

The RFP process at the onset of this project identifies the actual options for each site and the on-going costs. ICFL E-Rate Coalition (see “Sustainability”) formed for this project will develop a template RFP for Ethernet IP and ISP, and will assist each library in a RFP process that will qualify their BTOP-installed service for E-Rate support. Each library will work immediately with ICFL to draft an E-Rate Technology Plan and tailor an RFP for Ethernet broadband services. The E-Rate Coalition will help the libraries evaluate the proposal responses. Each library will select its service provider(s). ICFL is the agent to order services and coordinate installation, verifying order completion, on behalf of each library. ICFL will contract with IRON to manage the provisioning of specific transmission and ISP services. This will ensure timely completion and enable libraries to file for E-Rate support in February 2011, if possible.

Public Access Computers

To increase computing capacity, 275 additional desk-top and laptop computers will be provided to the 55 libraries whose Internet access is upgraded in this project. Wi-fi systems, firewalls, remote-user authentication, and filtering (if requested) will also be provided.

The computers and internal networking package will augment the library’s existing public computing set-up. Dell computers loaded with Symantec Endpoint Protection, Microsoft Office 2007, and public kiosk management (and Internet filtering if requested) will be purchased and configured by ICFL. Logitech headsets with microphones will be provided with each computer. Depending on existing internal networking at each library and the server/router terminating the Internet service, an additional server, router, switch, wireless router, and/or physical firewall will also be installed to network both existing and new computers. If reasonable, the public access computing network will be isolated from the library catalog and administrative network.



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Determination of Scope/Library Selection The 55 public libraries with less than 1.5 Mbps connectivity are first priority for upgrades. Libraries with less than 5 Mbps connectivity will then be considered. Libraries were polled to identify their capacity for public access computing. The median number of public access computers in each library after this project is 10. The recommended bandwidth for each library is calculated based on a recommended 600 Kbps per public access computer for minimal performance on job skills training resources, also assuming that this provides for inevitable growth in bandwidth needed by Internet-accessible applications. Recommended immediate connectivity ranges from 3 to 12 Mbps, averaging 6 Mbps. The grant will cover non-recurring charges, end-user equipment to be purchased, and the last-mile radio construction if it proves necessary. No fiber facilities are being built in this project, but in coordinating BIP and BTOP applications by other entities – see "Other Applications." Recurring charges above current out-of-pocket payments for Internet during the 2-year project duration are covered by the grant.

Safe, Reliable, User-friendly On-line Services

Parallel to these activities, ICFL will secure new online services (Learning Express Library, the Idaho PTV Teachers Domain Library, Internet2), and develop a remote-user authentication system for the statewide LiLI database services. By the end of year one, most libraries will be equipped with enhanced broadband, more public access computers, training to maintain their PCCs, and training on the new and existing online services that are the programmatic focus of this project. E-Rate training and guidance will help keep reliable connectivity affordable.

Public Availability:

As a legally established public library in the state of Idaho and supported primarily by property tax revenues, each participating library is available to all members of the public without charge. No fees are charged for access to public computers, the online resources, or the training provided through this project.

Restrictions on Center Use:

- Each of the participating public libraries is opened for general public access without restriction.

Involvement of Community College:

34 percent of adult students in Idaho are distance learners. Online community college resources are central to Idaho's economic growth. North Idaho College (NIC) and College of Southern Idaho (CSI) are two of three community colleges in Idaho and are partners in this proposal. Distance learning and remote access to resources are critical to achieving their mission.



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In the north, ABE, NIC, and the Coeur D’Alene Public Library partner to deliver complementary adult education resources through the libraries using Learning Express Library. This proposal expands elements of this model for service delivery throughout Idaho.

NIC and CSI are partners in development and implementation of this proposal. Library public computing centers, and the resources and partnerships in this proposal, will deliver substantive benefits to the colleges’ core missions of meeting educational and workforce needs of communities. Free access to Learning Express Library complements adult basic education and workforce development initiatives through course tutoring, GED and citizenship test preparation, and professional certification preparation. IdahoPTV resources target K-14, and its multi-media research sources support on-site and distance learners. Colleges will refer students to resources available in libraries and through remote access. The libraries will refer potential ABE clients to ABE offices, increasing enrollment in ABE-sponsored campus courses.

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

- No

Is the applicant delinquent on any federal debt?

- No
- If Yes, justification for delinquency:

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

- No

C. Partners

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

- Yes

If YES, key partners are listed below:

Project Role: Other Name: Brush, Cheryl Email: cheryl.brush@labor.idaho.gov Address 1: 317 W Main Address 2:
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Address 3:
 City: Boise
 State: Idaho
 Zip Code: 83735-0510
 Organization: Idaho Department of Labor
 Organization Type: State or State Agency
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Other
 Name: Fairfield, Rex
 Email: rfairfield@nic.edu
 Address 1: 1000 West Garden Avenue
 Address 2:
 Address 3:
 City: Coeur d'Alene
 State: Idaho
 Zip Code: 83814-2199
 Organization: North Idaho College
 Organization Type: State or State Agency
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Other
 Name: Zollman, Glen
 Email: gzollman@apangea.com
 Address 1: 650 West State Street
 Address 2:
 Address 3:
 City: Boise
 State: Idaho
 Zip Code: 83720
 Organization: Apangea Learning
 Organization Type: For-profit Entity
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Other
 Name: Szanto, Edit
 Email: eszanto@csi.edu
 Address 1: 315 Falls Avenue
 Address 2:



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Task: Submit Application - Public Computer Centers	Applicant Name: Ann Joslin

Address 3:
City: Twin Falls
State: Idaho
Zip Code: 83303-1238
Organization: College of Southern Idaho
Organization Type: State or State Agency
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Other
Name: Fast Horse, Valerie
Email: vjfasthorse@cdatribe-nsn.gov
Address 1: 850 A Street
Address 2: PO Box 408
Address 3:
City: Plummer
State: Idaho
Zip Code: 83851
Organization: Coeur d'Alene Tribe
Organization Type: Indian Tribe
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Other
Name: Owen, Kevin
Email: kowen@fsr.com
Address 1: Eastside Marketplace PO Box 9587
Address 2:
Address 3:
City: Moscow
State: Idaho
Zip Code: 83843
Organization: First Step
Organization Type: For-profit Entity
Small business: Yes
Socially and economically disadvantaged small business concern: No

Project Role: Other
Name: Chadwick, Dan
Email: dchadwick@idcounties.org
Address 1: 700 W Washington
Address 2: PO Box 1623



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Task: Submit Application - Public Computer Centers	Applicant Name: Ann Joslin

Address 3:
City: Boise
State: Idaho
Zip Code: 83701
Organization: Idaho Association of Counties
Organization Type: Non-profit Association
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Third party in-kind contributor
Name: Nishi, Jill
Email: jill.nishi@gatesfoundation.org
Address 1: 1551 Eastlake Avenue East
Address 2:
Address 3:
City: Seattle
State: Washington
Zip Code: 98102
Organization: Bill and Melinda Gates Foundation
Organization Type: Non-profit Foundation
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Other
Name: Donnell, Christine
Email: christinedonnell@ibcee.org
Address 1: PO Box 190163
Address 2:
Address 3:
City: Boise
State: Idaho
Zip Code: 83719
Organization: Idaho Business Coalition for Education Excellence
Organization Type: Non-profit Association
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Third party in-kind contributor
Name: Pisaneschi, Ron
Email: ronpisaneschi@idahoptv.org
Address 1: 1455 North Orchard Street
Address 2:



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Address 3:
City: Boise
State: Idaho
Zip Code: 83706
Organization: Idaho Public Television
Organization Type: Non-profit Corporation
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Other
Name: McGrath, Melissa
Email: mrmcgrath@sde.idaho.gov
Address 1: PO Box 83720
Address 2:
Address 3:
City: Boise
State: Idaho
Zip Code: 83720-0027
Organization: Idaho Department of Education
Organization Type: State or State Agency
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Other
Name: Field, Mike
Email: mike.field@irp.idaho.gov
Address 1: 2270 Old Penitentiary Rd
Address 2:
Address 3:
City: Boise
State: Idaho
Zip Code: 83712
Organization: Idaho Rural Partnership
Organization Type: Non-profit Association
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Other
Name: Ammon, Bette
Email: bammon@cdalibrary.org
Address 1: PO Box 8533
Address 2:



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Address 3:
 City: Moscow
 State: Idaho
 Zip Code: 83843
 Organization: Idaho Library Association
 Organization Type: Non-profit Association
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
 Name: Braud, Victor
 Email: victor.braud@ironforidaho.net
 Address 1: 1910 University Ave
 Address 2:
 Address 3:
 City: Boise
 State: Idaho
 Zip Code: 83725-1414
 Organization: Idaho Regional Optical Network
 Organization Type: Non-profit Corporation
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Other
 Name: Engel, Cheryl
 Email: csengel@pte.idaho.gov
 Address 1: 650 West State Street
 Address 2: PO Box 83720
 Address 3:
 City: Boise
 State: Idaho
 Zip Code: 83720-0095
 Organization: Idaho Division of Professional-Technical Education, Adult Basic Education
 Organization Type: State or State Agency
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Other
 Name: Bower, Dale
 Email: dale.bower@osbe.idaho.gov
 Address 1: 650 W State Street
 Address 2: PO Box 83720



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Address 3:
City: Boise
State: Idaho
Zip Code: 83720-0037
Organization: Office of the State Board of Education
Organization Type: State or State Agency
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Other
Name: Sicker, Ted
Email: ted_sicker@wgbh.org
Address 1: One Guest Street
Address 2:
Address 3:
City: Boston
State: Massachusetts
Zip Code: 02135
Organization: WGBH Educational Foundation
Organization Type: Non-profit Corporation
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Other
Name: Wilson, Danae
Email: danaew@nezperce.org
Address 1: PO Box 305
Address 2:
Address 3:
City: Lapwai
State: Idaho
Zip Code: 83540
Organization: Nez Perce Tribe
Organization Type: Indian Tribe
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Other
Name: Olmstead, Megan
Email: megan.olmstead@gov.idaho.gov
Address 1: State Capitol
Address 2:



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Address 3:
City: Boise
State: Idaho
Zip Code: 83720
Organization: State of Idaho, Governor CL "Butch" Otter
Organization Type: State or State Agency
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Contractor
Name: Johnson, Gens
Email: [REDACTED]
Address 1: [REDACTED]
Address 2:
Address 3:
City: Boise
State: Idaho
Zip Code: 93702
Organization: Gens Johnson, PhD, Engineer
Organization Type: For-profit Entity
Small business: Yes
Socially and economically disadvantaged small business concern: No

Project Role: Contractor
Name: Maloney, Stephen
Email: smaloney@ctcweb.net
Address 1: 11050 Montana
Address 2:
Address 3:
City: Boise
State: Idaho
Zip Code: 83713
Organization: Stephen E. Maloney, Consultant
Organization Type: For-profit Entity
Small business: Yes
Socially and economically disadvantaged small business concern: No

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



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Library PCCs will function as primary access points to online resources providing K-14 formal and informal education, adult education, workforce development, and e-government services. Extending services requires extensive statewide partnerships that leverage the computing and telecommunications technology in this proposal. To replicate the program throughout the state, partnerships begin with state-level agencies to provide content and service delivery models. These partnerships ensure the project is sustainable beyond the funding period, create a foundation for long-term growth and viability in rural communities, and align with BTOP priorities of economic growth and supporting sustainable and scalable projects. Partnerships support project goals in areas of connectivity, K-14 education, workforce development, and e-government services. All partners listed are involved in planning, development, and implementation. They provide staff time, online offerings, community outreach, and marketing materials. Some provide computer and workplace skills training in the libraries.

Connectivity

IRON manages telecom and Internet provisioning after the RFP process is completed. Planning and implementation involves partnerships with owners of middle and last mile infrastructure including but not limited to Idaho Education Network (IEN), First Step Internet, Digital Bridge, the Nez Perce Tribe, and the Coeur d'Alene Tribe (see "Other Applications" and Named Contractors).

K-14 Education

Improving student achievement requires increased bandwidth to local anchor institutions, and partnerships to deliver resources to students and teachers. IdahoPTV develops a library-specific version of the WGBH Teachers Domain online video library (TDL) for student use in school and public libraries, as well as from home via Library Linking Idaho (LiLI) databases (see IdahoPTV and WGBH letters). ICFL secures Learning Express Library K-12 modules. IDLA and community college courses are available through library PCCs. IDOE makes online resources Apangea and Plato available in library PCCs. Partners provide training to librarians on the resources. State Board of Education (SBOE), IDOE, and IDLA work with ICFL to market the availability of these tools to the community.

IdahoPTV provides statewide and targeted public information for students, parents, home-schoolers, and teachers regarding the availability of the K-14 services in the LiLI databases. IDLA and College of Southern Idaho (CSI) value IdahoPTV TDL for students, many of whom take courses online. CSI provide information regarding availability of resources in library PCCs. Benefits include:

- greater access to education resources during non-school hours and summer months,



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- reduced barriers to distance and broadband access,
- improved informal learning opportunities,
- support for long-term goals of increasing student achievement in rural areas,
- increased use of state-funded K-14 learning resources.

Workforce Development:

State agencies are partnering to improve adult education levels and create a skilled workforce in BTOP-defined economically distressed areas (see Idaho Maps). Library PCCs will offer online resources that complement the work of 25 regional IDOL offices and one-stop centers, 6 regional ABE centers, and the community colleges.

ICFL secures statewide access for Learning Express Library to provide adult learners and job seekers professional development tools. ABE and IDOL make their online resources, SkillsTutor and Career Information System, available in library PCCs. Community colleges offer existing distance learning courses and resources. Librarians continue to serve as proctors for tests and certifications, and refer patrons to ABE and IDOL programs. IDOL and ABE make use of the increased computing capacity and space availability in libraries to offer on-site services and trainings based on needs identified in the regional workshops.

The adult education and workforce partnerships will result in the following benefits:

- Increased reach of services to underserved areas, resulting in increase in eligible clients registered for services,
- Reduce impact of distance, cost, and computing barriers for clients,
- Increased availability of basic computing courses, online courses, and supplemental materials for students,
- Decreased average time for clients to complete courses, resulting in higher throughput and shorter ABE waitlists,
- Increased percentage of online UI claims,
- Increase in the number of Idaho residents with basic skills and GED,
- Increased capability of clients to search for and apply for jobs.

E-Government

ICFL partners with IDOA to ensure that e-government services through AccessIdaho's portal (e.g. unemployment insurance and business licensing) are marketed and made available in the newly upgraded rural library PCCs. IDOA provides AccessIdaho marketing and instructional materials.

Benefits include:



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-increased reach of government services to underserved areas, resulting in more residents accessing services online,
-reduced impact of distance, cost, and computing barriers for residents to access government resources.

These partnerships, in collaboration with local libraries, will provide resources and on-going sustainability necessary for the long-term economic growth of the state. ICFL is also pursuing partnerships with business incubators and organizations, home school organizations, and local-level non-profits. These partnerships will help tailor delivery to very local needs and capabilities.

D. Congressional Districts

Applicant Headquarters

- Idaho

Project Service States

Idaho

Project Service Areas

Idaho - 1

Idaho - 2

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

- Yes

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

Coeur d'Alene Tribal Council

Nez Perce Tribe



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

- Yes

E. Demographics

Demographics

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

- Yes

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

Hispanic

Native American or Native Alaskan

English as Second Language (ESL)

Disabled

Low Income

Unemployed

Youth

Other:

Vulnerable Populations

Data is from the US Census, IDOL Market Information System, US Dept of Education Rural LEA and Idaho Public Library Statistics (ICFL).



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Libraries have developed their own outreach and program resources in response to local needs, including needs of their vulnerable populations. Partners refer clients, all who are members of vulnerable populations, to libraries for related services. Training library staff on partner services helps them refer patrons to the appropriate agency.

Hispanic: 54,326 served, 40.0% of Idaho Hispanics

37% of these libraries serve counties where Hispanics are greater than 12%, the national average; 1/2 are counties with 20-36% Hispanics. Online Spanish-language resources in public libraries offer K-14 learning, work skills training, and e-government. LEL has preparation for the US citizenship test (see “Other Languages”).

Native American: 9,470 served, 47.4% of Idaho Native Americans

1.5% of Idaho is Native American compared to .88% nationally. 1/5 of libraries serve counties with 5-9% Native Americans. 11 libraries are on tribal reservations. Outreach is tied to new BIP/BTOP-enabled broadband services by the tribes (see tribal letters).

English as Secondary Language (ESL): 39,807 served, 32.1% of those statewide

Rural Idaho’s ESL majority population is Hispanic. ABE serves 4,051 ESL learners (FY 2009). ABE public information linking its online resources with libraries targets the ESL population (see “Other Languages”).

Disabled: 61,847 served, 27.6% of Idaho’s disabled; see “Accessibility”

Low Income: 51,376 in poverty served, 30.9% of those statewide

Service area per capita income is \$22,054, 58% of the national level. Low income residents find e-government information and applications for cash assistance, food stamps, health care, and child care assistance. Improving free access to these online services reduces the time burden of travel to a regional H&W office. See “Unemployed.”

Unemployed: 37,631 served, 31.1% of Idaho’s unemployed

52% of the libraries serve counties with unemployment rates higher than statewide. 29% serve counties at least 1% above nationwide. AccessIdaho offers online IDOL resources and unemployment insurance claims. LEL and Skills Tutor address basic skill needs to increase employability. CIS and LEL offer job search and resume assistance. On-site resume workshops are offered. Basic computing courses assist unemployed and displaced workers. Online college courses support professional development and industry transition.

Youth: 114315 served, 31.7% of Idaho’s youth

Proposal libraries serve students in 14 of the 16 Idaho schools that do not meet “adequate yearly progress” (AYP as reported to US DOE). Students get free access to computers and online resources when school is not open: formal and informal learning resources, tutoring, assessment,



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test prep and post-secondary test preparation. Statewide public information is targeted to schools, teachers and parents.

Accessibility

16.8% of Idaho's population is classified as disabled. ICFL and individual libraries serve the disabled population through a variety of services that will be amplified in this project. Through its Talking Book Service, ICFL targets those with difficulty reading or holding books, including the visually impaired, those with dyslexia, and those with multiple sclerosis. The National Library Service (NLS) funds materials and equipment for the Talking Book Service. ICFL's Talking Book Advisory Committee helps determine needs and secure resources, undertaking pilot projects in individual libraries. ICFL is collaborating with NLS as it moves its audio stock to digital, which will allow patrons to download books at their public library. TBS serves 2,700 clients, only 12% of the eligible Idaho population. The current bandwidth at the libraries in this proposal prevents downloading digital books. Libraries report downloads taking from three to eight hours, and users being timed out and the download stopped. This also prevents a computer from being used for other purposes. In order to benefit from the NLS efforts, the least connected libraries need to increase their bandwidth. This project will allow patrons to download TBS resources in less than thirty minutes and do so within their community, reducing barriers to access for patrons and freeing computers for other purposes. This proposal further supports the transition to digital access for people with disabilities in the type of equipment and software included in each new and replacement workstation. Computers will be equipped with headsets and microphones for speech-enabled commands. "Accessibility Options" are part of the Windows OS and Microsoft Office contains speech recognition and text to speech. This proposal increases the libraries' online resources available to patrons at home; the proposal therefore contains remote authentication to allow cardholders remote access to library resources. This supports homebound individuals who have their own computing resources and broadband at home and will, therefore, be able to access all the online resources made available in this project. Those with their own adaptive computing resources can benefit from the adult education, test preparation, and certification preparation resources available through LEL and other programs, as well as the resources in the IdahoPTV Teachers Domain Library.

Other Languages



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9.5% of Idaho’s population speak a language other than English at home. The proposal promotes online learning and workforce programs that have assistance for other languages. The goals of all ESL training, outreach, and online resources is to reduce barriers for clients and patrons to access and participate in education, workforce, and government services. The outcomes will be: increased usage of programs; increased participation rates of ESL clients in ABE and IDOL programs; and improved achievement of certifications such as GED and citizenship for ESL clients.

Public Information and Training

Tailored public information will increase the participation and effectiveness of this proposal’s outreach strategy (see “Outreach”). Public information and training will occur on a library-by-library basis to meet the localized community needs. Through webinars and regional workshops, librarians will receive training in all online resources identified in this proposal as well as on the services offered by all partners. Librarians will be able to guide patrons to the ESL portion of the resources listed below. Librarians will also serve as referral points for clients that may be unaware of ABE, IDOL, and other program services.

Partner agencies will provide public information for display in libraries. Materials will include non-English where available.

Many libraries currently offer a variety of tailored services to native-Spanish speakers. For example, as described in their letter of support, Caldwell offers basic computing courses in Spanish. By adding three new laptops, Caldwell will nearly double its capacity for these programs.

The following online resources are available and will be promoted in other languages. The goals for each program are described elsewhere in this proposal. The availability of ESL services within each resource will reduce access barriers.

K-14 Education

Apangea offers language support in Spanish, French, German, Portuguese, Korean, Japanese, and Chinese.

Plato offers language support in Spanish.

IdahoPTV Teachers Domain Library and Internet2 offer language support in Spanish.

Workforce Development and Adult Education

ABE’s SkillsTutor is frequently used by ESL students for basic English. ABE offers ESL users many software programs including ELLIS, New America, Crossroads Café, and Rosetta Stone. IDOL’s Career Information System offers language support in Spanish.



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Learning Express Library offers GED practice exams in Spanish, as well as courses in writing and math. It also offers test preparation for citizenship and TOEFL iBT that is of potential value to Idaho's Hispanic population.

E-Government Services

IDOA's AccessIdaho Portal offers language support in Spanish.

Outreach

Public Computing Centers Outreach

Outreach relies on existing infrastructure and roles of partner agencies, public libraries and ICFL. Using both staff and contract FTE, ICFL will lead the outreach strategy and provide outreach coordination including:

- Coordinating public information among state and local agencies,
- Collecting public information materials from all partner agencies and distributing to all libraries, and
- Expanding and standardizing library staff guides to facilitate referral of patrons to the appropriate state agency for assistance.

ICFL provides libraries and partners with media releases about increased capacity and online programs that are appropriate for local newspapers, radio, and TV. IdahoPTV is responsible for distributing media releases. ICFL distributes information through IDOL, ABE, CSI and NIC, IDOE, SBOE, ILA, Idaho Business Coalition for Educational Excellence (IBCEE), IdahoPTV, Association of Idaho Cities (AIC), the Idaho Rural Partnership (IRP), Access for All and Talking Book Advisory Committees, the Read to Me Program, and others.

IdahoPTV creates broadcast interstitials focused on accessing library collections online, at the public library, at school and from home, and broadcasts statewide targeting K-14 students, parents and teachers. Information on accessing the workforce development resources from the library, targeted towards adults, is disseminated primarily through existing programs, publications and communications of the community colleges and IDOL, ABE, SBOE, ILA, IBCEE, AIC, and IRP. For example, CSI and ABE inform students and clients of online learning resources like LEL available in libraries and via remote access.

Multiple web-based promotions also target the two main audiences for this project, featuring X-postings, text and graphics developed by ICFL and IdahoPTV. Each partner agency participates in linked web information. ICFL's LiLI features the new collections. ICFL's E-Branch in a Box enables libraries to include the initiatives on their websites as well. IdahoPTV promotes the



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educational resources through its website, program guide and existing e-outreach to schools and teachers.

Libraries are responsible for weaving patron outreach into existing activities. For example the Coeur D'Alene Public Library promotes the availability of its Retool Box program (ABE basic computing courses) in partnership with NIC, and will expand this to the five-county region that NIC serves.

Library staff continue to assist patrons accessing online resources and participate in web-based training to gain awareness of new resources. Librarians are responsible for referring patrons to partner agencies that may provide direct assistance. For example, if a patron is seeking basic computing assistance as he/she uses an LEL GED prep course, the librarian will provide him or her information on ABE.

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

➤ 15752

Training and Education

Peripherals and equipment

275 additional Dell desk-top and laptop computers will upgrade computing capacity in the 55 libraries whose Internet access is upgraded in this project. Wi-fi systems, firewalls, remote-user authentication, and filtering (where requested) will also be provided.

The computers and internal networking package offered to the libraries will augment existing public computing. Logitech headsets with microphones will be provided with each computer. Depending on existing internal networking at each library and the server/router terminating the Internet service, an additional server, router, switch, wireless router, and/or physical firewall will be installed to network both existing and new computers. If reasonable, the public access computing network will be isolated from the administrative network.

This equipment will support the connectivity upgrades and allow for use of the existing and newly purchased programs outlined in this proposal.

Workstation software



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Each workstation will come with a standard software package: Dell computers loaded with Symantec Endpoint Protection, Microsoft Office 2007, public kiosk management, web browser, Flash video, etc. This package will sufficiently allow use of all existing and newly purchased subscriptions and online programs outlined in this proposal. Internet filtering to meet CIPA requirements, workstation and web metrics, and the means to verify remote users of online resources will likely be accomplished using web applications, rather than workstation software.

Training and education programs

The Training and Education strategy maximizes efficiencies of existing partner resources and ensures that the one-time capacity investment of this grant continues to address challenges in education and employment. Library staff are guides to online resources, the primary means to deliver training to end-users, along with on-site training in computing and Internet use. Internal capacity building ensures staff are able to develop effective local partnerships, implement local solutions, and continue to expand the reach of services beyond the grant period. Initial focus is on training library and partner staff and on expanding local partnerships to build capacity. ICFL and its partners coordinate six regional workshops across the state over 2 years. The target audience is libraries and local and state organizations involved in the services outlined in this proposal. Workshop goals are to:

- Impart expertise to library staff to act as referral guides for online library and partner resources.
- Create awareness among attendees of partner services and new library resources to promote cross-referrals.
- Facilitate creation of local partnerships to expand existing offerings.
- Provide information about web-based training for staff on online resources and PCC maintenance.

Library staff are trained on all online resources outlined below. Online service vendors provide web-based training. Managers of online resources also provide training, typically Webinar. For example, the Talking Book Advisory Committee provides training to library staff on conducting audio book digital downloads. Library staff take LEL courses on computers and networking (see LEL Resources). Additional professional development courses for library staff are provided through ICFL's WebJunction subscription, preparing library staff to help patrons with their needs. Libraries have expressed immediate need for trainers and computers to meet basic computing course demand. On-site training at libraries for end-users is based on local needs, capabilities, and partnerships. Increased computing capacity allows for basic computing courses and other ABE and IDOL-based courses and workshops. Such an arrangement is currently



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underway through NIC, its ABE regional office and the Coeur d'Alene Public Library to offer ABE basic computing courses through the library.

The partnerships fostered at the workshops enable implementation of end-user training based on local need and community knowledge, and reflect the state-level partnerships in the fields of K-14 education, workforce development, and service delivery. To meet immediate needs, ICFL will contract to provide trainers throughout the state for basic computing courses where partners are unable to provide them. The goal is to complete two basic computing courses at each of the 55 libraries during the project. Online training on computer use is also included in LEL.

In a broader perspective online training; learning resources; high school, ABE and college courses, and standardized test-prep (see below) for end-users are available through the expansion of existing resources and addition of new resources, all supporting education and workforce development. Library staff refer patrons to the appropriate resource, assist in resource access and use, and provide referrals for patrons to state services to access federally-funded online and on-site courses such as those provided by ABE and IDOL.

Online Resources for K-14 Learners

IdahoPTV's Teachers Domain Library: Videos, interactive student materials and learning objects with a fine-grained index by subject and grade level.

Learning Express Library: GED, SAT, and other test preparation courses and practice exams.

Plato: Tutoring to assist K-12 students in passing state-mandated assessments; provides credit recovery, distance learning options, and exam preparation.

Apangea: Tutoring for high school students provides supplemental math instruction with live access to certified teachers to help raise student achievement. Apangea and Plato support the Idaho education curricula and standards.

IDLA: Online high school credit courses, full curriculum.

Idaho colleges and universities: Online credit courses.

Online Resources supporting Workforce Development

Adult Education: Skills Tutor and Learning Express Library adult learning module support ABE course curricula. LEL provides GED test preparation (also in Spanish). Availability of online college courses overcomes distance and cost challenges. 34% of those registered in college courses are distance learners. LEL offers learning support.

Job Skill Development: LEL offers preparation for professional certification tests. Online college courses support skill development for certifications required for high demand career pathways including nursing and engineering. LEL supports resume development, online job search, and interview preparation. IDOL's Career Information System provides IDOL clients access to job



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readiness and skills assessments, education and training opportunities, financial aid, career planning, and tailored job search resources.

Support Services: Clients can file unemployment insurance claims online and receive assistance with tax issues associated with unemployment. Employers can search for employees, and post and manage job listings; businesses can manage ECORE accounts only online; and entrepreneurs can register new businesses.

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

- 1122

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

- 1

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

- 1

F. Project Budget

Project Budget	
Federal Grant Request	\$1,907,531
Total Match Amount	\$942,816
Total Budget	\$2,850,347
Match Percent	33.1%

Projects Outside Recommended Funding Range:

-

Sustainability:



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The BTOP funds represent a one-time capacity-building investment for Idaho public libraries and partners. Expanded connectivity using Ethernet ensures that as broadband needs increase, bandwidth can be scaled up without additional non-recurring charges or telecom equipment. The build out will be sustained beyond the grant period through investment in one-time staff training, (computer maintenance, on-line resources, E-Rate process) and the ongoing commitment of state-level partners. Funds leveraged by libraries and partners beyond the grant period will ensure services continue the reach and scope achieved during the grant period.

Librarians will receive training on E-Rate and sustaining new equipment and resources through Learning Express Library and WebJunction. Staff will receive resource-specific training directly from providers (IdahoPTV Teachers Domain Library, Apangea, Learning Express Library). Expanding local and state partnerships through regional workshops enable local solutions bolstered by state agencies.

This proposal commits 11% of its budget to E-Rate awareness, training, and assistance, making increased connectivity financially sustainable (see E-Rate Application Support.)

The commitment of the state agencies to this process reflects their view of libraries as valued anchor institutions that can help in the delivery of their services. Bandwidth and computing enhancements in libraries allow for more cost-effective delivery of workforce, education, and government services. As the letters of support show, these agencies view this partnership as one to be maintained so that their current federal dollars reach farther. Many of these agencies' resources are not reflected in the budget as they are entirely federally funded.

ICFL and partners will continue to leverage federal funds to deliver services through libraries. ICFL supports public access computing in libraries through its Library Service and Technology Act (LSTA) funds. ICFL provides training and consulting for libraries applying for E-Rate reimbursements through its E-Rate coordinator. Other agencies will continue to leverage federal dollars, such as Workforce Investment Act funds, to maintain the access to training and resources made available in this project.

This project provides a unique opportunity to expand capacity, extend service, and build partnerships to achieve the BTOP statutory purposes. It invests heavily in ensuring that the results are sustainable and that they seed future growth.

Matching Funds	
Applicant is providing matching funds of at least 20% towards the total	Yes



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eligible project costs?	
Describe the matching contributions	<p>This proposal contains a 33.08% match of \$942,816. There are many sources of leveraged funds from agencies receiving federal funds that are not counted as part of this match (see sections for Sustainability and for Recovery Act and Other Government Collaboration). Other partners are making contributions that will not be counted as in-kind match because their services, while valuable are difficult to quantify (IDLA, Apangea, Idaho Rural Partnership, IBCEE, State Board of Education).</p> <p>Cash Match: \$615,100, 21.7%</p> <p>The Bill & Melinda Gates Foundation will provide the cash match (see letter). There are no terms or conditions of the funding other than the distribution amount and timing described in the letter, and the expectation that this proposal be achieved as described in this application.</p> <p>\$465,100 of the match will be applied to many elements of this project including PCC user equipment and contracts with providers for monthly recurring charges associated with the increased bandwidth. \$150,000 of the match will be used exclusively for sustainability training and technical assistance for RFP and E-Rate processes. Funds will be distributed to ICFL in two even payments to coincide with the timing and duration of the proposal. Gates Foundation will distribute the first when the award is announced; the second will follow one year later.</p> <p>In-Kind Match: \$327,715, 11.5%</p> <p>In-kind match comes from several sources and is used in several project categories. All activities listed as “In-Kind” match below are specifically outlined in this proposal and in the budget, are directly related to the purpose, and are therefore eligible costs.</p> <p>ICFL provides in-kind match of \$162,815 (5.71%), all from state funds. ICFL will document the time and activities of in-kind staff contributions in accordance with state and federal standards. The match is in the categories of personnel and the proportional benefits in the following program areas:</p> <p>Computers: IT Information Systems Technician (1.0 FTE, 1 year) to</p>



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manage the provisioning of PCC workstations.

Outreach and Training: Continuing Education Consultant (.2 FTE, 2 years) to deliver E-Rate training to library staff; Public Information Specialist (.25 FTE, 2 years) to coordinate and deliver statewide public information.

Project Management: Associate State Librarian (.15 FTE, 2 years) to support fiscal management and various contracts.

Grant Preparation: Various ICFL staff (total 1.04 FTE, 0.67 quarters) to conduct surveys, develop partnerships, and work directly with libraries.

IRON provides in-kind match of \$10,000 (.35%) for a consultant to develop the technical elements of connectivity and workstation solutions during grant preparation. IRON’s contribution helps further its non-profit mission of providing low cost connectivity solutions to Idaho anchor institutions.

IdahoPTV provides in-kind match of \$75,000 (2.63%) towards Online Resources (online collections, outreach, promotion, and training). It will provide half the total cost to contract with WGBH for development and provision of the Idaho Teachers Domain Library, to promote the service throughout Idaho, and to train library staff.

IdahoPTV and ICFL benefit from this investment in the creation of an Idaho specific Teachers Domain Library in that it becomes a resource for school and academic library use as well.

No federal funds are used as matching funds. All ICFL and IdahoPTV in-kind match is from state general funds or private contribution. None is allocated as match to any other federal program.

State funds have been appropriated to ICFL through June 2010, and will be used to fund grant activities during that period. The Legislature is in the FY2011 appropriations process now, and projections for FY2012 general fund appropriations have been made. ICFL has determined its ability to provide the in-kind match for grant activities during that period and commits to do so. It can draw from its Library Services Improvement Fund to temporarily bridge unanticipated changes in the timing of in-kind expenditures. The Governor’s commitment to this project (see letter) further assures that the



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	designated in-kind funding will be available.
Unjust enrichment	<p>Neither ICFL nor any libraries or partners are requesting other federal funding for any of the activities outlined in this proposal. Libraries receiving connectivity upgrades and subsequent financial support for ongoing costs during the grant period will only receive support for the difference of current monthly recurring costs and upgraded monthly recurring costs. There will be no duplication of funds.</p> <p>The timing of E-Rate eligibility, application, and receipt of support was considered in developing the project timeline. During the grant period, libraries receiving connectivity upgrades will receive E-Rate application support and will apply for E-Rate by the February 2011 deadline. E-Rate funds for this application window will be available July 2011. This application addresses new costs associated with increased bandwidth and not covered by current E-Rate funds up to and until the estimated date for receipt of E-Rate funds based on the February 2011 application window.</p> <p>This application coordinates with five BIP and BTOP CCI Round 1 and 2 applications that seek to increase connectivity to a variety of institutions including a total of 34 libraries that are part of this application. The budget assumes that none of these projects will be awarded; therefore the cost of increasing connectivity identified in this application can only be reduced for every library connected using another funding source. If the other applications are awarded, this project will still include those libraries in computing capacity upgrades and subscription services. It will also include equipment inside the library to ensure connectivity. Should none of the BIP or BTOP applications be awarded, this project will continue with no adjustments.</p> <p>While ICFL supports these applications, it has not applied for any federal funds in these project areas, nor do any of these project deliverables directly benefit ICFL.</p>
Disclosure of federal and/or state funding sources	ICFL receives funding from several sources for related activities, but none that allows for the comprehensive upgrades and partnering as the BTOP grant. There are no sub-recipients in this proposal. Libraries are



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primarily funded through local property taxes. Program partners receive funding through both federal and state resources. This proposal does not impact the amount or use of such funding; rather it is intended to leverage those federal and state funds already allocated to increase their efficiency and reach.

ICFL receives approximately \$1.3M in Library Services and Technology Act funding annually. ICFL received \$3,960,400 in FY2009 state funding. 40% of libraries statewide receive E-Rate funding. A portion of cash and in-kind match in this proposal will be used to provide E-Rate training and technical assistance to improve the rate of E-Rate participation following the grant period.

Partner agencies receive funding from a variety of sources. This project will increase the efficiency of those funding sources by making the services they fund more accessible through increased library public computing.

The Idaho Department of Education purchased multi-year subscriptions to Apangea and Plato. This proposal will create greater access to these resources.

The Adult Basic Education Program is primarily funded by the Adult Education and Family Literacy Act.

The Idaho Department of Labor workforce development programs are primarily funded by the Workforce Investment Act.

The Idaho Department of Administration is primarily funded through the state budget.

IdahoPTV is substantially funded through the Corporation for Public Broadcasting and state funds.

Budget Narrative	
Budget narrative	<p>Total project cost is \$2,850,346. ICFL as primary grantee pays directly for bandwidth, computers, software, training, online services and collections, consulting and management. Libraries select their telecommunications facilities and ISP, and assign agency to ICFL to contract for services.</p> <p>Connectivity Upgrades: \$1,375,000; 48.4% Years 1 (Y1), 51.6% Year 2 (Y2)</p>



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	<ul style="list-style-type: none"> - \$75,000 - Steve Maloney (see Named Contractors) to assist libraries with RFP draft and bid evaluation. - \$180,000 - IRON provisioning to order services and procure necessary equipment; front-loaded (see Named Contractors). - \$800,000 - non-recurring installation charges and radio and wire equipment purchase; split evenly. - \$320,000 - increased bandwidth, monthly recurring telecom/ISP charges. \$70,000 in Y1, \$250,000 in Y2, as services are contracted. Computers: \$514,253; 97.1% Y1, 2.9% Y2 - \$81,138 - contracted and ICFL staff to confirm library needs, support procurement and provisioning. - \$412,500 - 275 public access workstations, routers, and software. \$5,615 for 5 computers for ICFL staff. \$15,000 for a remote authentication system in Y2. Online Resources: \$383,000; 44.1% Y1, 55.9% Y2 - \$228,000 - 2-year subscription to LEL. - \$150,000 - IdahoPTV contract to develop localized TDL. \$50,000 in Y1, \$100,000 Y2. - \$5,000 for ICFL's 2-year associate membership in IRON providing Internet2 to libraries. Outreach and Training: \$241,849; 59.9% Y1, 40.1% Y2 E-rate sustainability training; public information efforts; and training for librarians and end-users: <ul style="list-style-type: none"> - \$64,820 - contract .5 FTE over 2 years plus travel and supplies to coordinate public information, awareness, and outreach campaigns among partners. - \$75,000 - contract .5 FTE over 2 years with travel to identify, coordinate, and share best practices for training PCC end-users, facilitate partnerships, and conduct training. - \$102,029 - training, technical assistance and procurement support to further participation in the E-Rate program. \$75,000 Gates Foundation cash match to contract for assistance and training for libraries regarding E-Rate. \$27,029 ICFL in-kind match to train and assist individual libraries. 73.4% in Y1. Project Management: \$196,141; 48.7% Y1, 51.3% Y2
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	<ul style="list-style-type: none"> - \$150,000 - contract 1 FTE project manager, Gens Johnson (see Named Contractors), over 2 years; manage and monitor work and deliverables, coordinate data collection and reporting. - \$20,361 - .15 FTE ICFL in-kind over 2 years, fiscal management of contracts, disbursements for telecom and ISP services. - \$5,000 - Idaho Attorney General’s Office services. - \$14,000 - administrative overhead (.5 %) ARRA management and reporting by ICFL as in-kind over two years. <p>Grant Preparation: \$141,000; 100% Y1 Conducting surveys, generating technology strategies, gathering data, building partnerships, preparing cost estimates, writing, etc. Costs include ICFL staff, IRON support (\$10,000 in-kind), and a Gates-funded consultant (\$79,900 in-kind).</p>
Budget reasonableness	<p>Broadband Equipment & Services ICFL reviewed the identified need for computers from each library. A bandwidth standard of 600 Kbps per PCC computer determined the site’s bandwidth requirement. IRON estimated lowest sustainable connectivity options: extant fiber for 14 sites, radio for 41. A consultant estimated per unit and monthly costs for all equipment and services. Monthly bandwidth charges are for Ethernet ISP over wireless (\$135/month) and Ethernet over fiber (\$3120/month). The budgeted total for one year is less the current annual charges now paid (after E-rate support, for some) by libraries. Lowest cost connectivity solutions are identified. In some areas there is only one available broadband solution to meet connectivity needs (see “Technology Strategy”).</p> <p>Computers Costs are based on volume and educational discounts for computers and software. A single wifi-router, firewall/server, etc. is budgeted for each site. Provisioning and configuration are handled by ICFL IT staff; installation at more remote locations is contracted to local small IT firms.</p> <p>Personnel ICFL FTE estimates are based on previous work of related scope, allocating staff to activities based on job functions, e.g. ICFL’s Public</p>



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	<p>Information Specialist will coordinate public information at a rate of .25 FTE based on experience with related activities. Quarters employed are the duration of the activity. Salaries are based on 2010 rates. The State provides benefits of 20% x salary plus \$8440. Each rate is calculated using the total value of benefits received for specific positions as a percentage of that position’s salary.</p> <p>Travel The number of trips is based on program activities. The E-Rate training requires library-site assistance. Year 1 requires 1 trip to each of the 77 libraries engaged in the RFP process. Year 2 requires 2 trips to each of the 55 libraries receiving connectivity upgrades, assisting with E-Rate awareness, technical plans, and filing. Total trips = 187 [77 + (55*2)]. Cost/trip is the current average cost/ICFL consultant on-site visit.</p> <p>The regional workshops require longer trips. Cost/ trip is the current average cost of similar in-state multi-day trips. Two ICFL staff attend 6 regional workshops (3/year) totaling 12 trips.</p> <p>Supplies Supplies for outreach and training are based on past program costs.</p> <p>Contracts Connectivity provisioning (\$180,000) represents 16% of the total connectivity cost. Centralizing this with IRON, which has working relationships with all rural telcos in Idaho and telecom/ISP expertise, is the most economical way to handle the tight schedule for broadband enhancements.</p> <p>Several online services that could serve the project needs were considered, with care taken to not duplicate resources offered by partners. The lowest cost solutions are identified for this project. LEL also offers basic IT training for library staff. Vendors provided estimates for online resources and remote authentication.</p>
Demonstration of need	<p>This project will not happen without this federal support. There are no funds available in the current fiscal year for these objectives (see attached budget). The ICFL general fund allocation totaled \$3,960,400 in FY2009. This proposal represents 73% of the ICFL general fund appropriation. A number of ICFL services are paid for by federal</p>



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funds; ICFL received \$1,344,613 in federal funds in FY2009. Idaho is experiencing a very difficult economy. The Idaho Legislative Services analysis projects a decrease in the overall ICFL budget of nearly \$806,500 in FY2010 and a further decrease of \$396,900 in FY2011, representing a year-over-year decrease of 14.5% and 8.4%, respectively. Its general fund support is expected to decrease year-over-year in FY2010 and FY2011 by 20% and 11.8%, respectively. Achieving statewide connectivity goals is difficult in Idaho. There is no state department, authority, or commission to advance statewide broadband implementation. This lack of centralization is compounded by the large number of service providers. There are over 20 ILECs across the state and several major carriers. Due to the rural nature of the state, there is no good business case for these companies to invest in services provision in many of the communities. Widespread improvements require coordination, and without federal investment in this proposal, no resource exists to provide that coordination and implementation.

Idaho's unemployment rates, low education levels, and poverty rates, amplified by the economic downturn, can only be addressed by expanding relevant services to individuals. Yet libraries across the state have cut back hours to deal with declining local budgets. This proposal will leverage multiple federal resources directed at such efforts and expand their reach through rural public libraries. Because of the budget realities and the ever-present geographic challenges, ICFL and its partners designed this proposal to be a one-time capacity building investment with the resulting efficiencies and opportunities sustainable well beyond the grant period. Given Idaho's dire economic and budget situation, this investment requires federal assistance.

Funds to States/Territories

States	Amount of Federal Grant Request
Idaho	1,907,531



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G. Historical Financials

Matching Funds			
	2007	2008	2009
Revenue	4,353,800	4,465,900	5,555,400
Expenditures	4,378,000	5,425,700	5,405,100
Net Assets	608,400	540,000	576,200
Change in Net Assets from Prior Year	-1,110,500	-68,200	36,200
Bond Rating (if applicable)			

H. Public Computer Center Summary

Jobs	
How many direct jobs-years will be created from this project?	6
How many indirect jobs will be created from this project?	14
How many jobs will be induced from this project?	11

Methodology used to estimate jobs:

Job creation estimates were developed using the Council of Economic Adviser’s guide referenced in the grant guidance. Based on that guidance, three primary assumptions were used: 1) \$92,000 of government spending creates 1 job-year, 2) 64% of the job years represent direct and indirect effects, and 3) 36% of the job years are induced effects. Using the total project budget of \$2,850,347 and the assumption on job-year cost, percentage allocations yielded 20 direct and indirect jobs, and 11 induced jobs. The project budget and implementation plan was used to estimate direct jobs, based on the total cost for personnel, benefits, and consultant-based contracts. Consultant-based contracts include items such as “Project Manager,” and exclude items such as “Connectivity Provisioning.” The total cost of consultant-based contracts and



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direct hires was divided by the 1 job-year cost to arrive at 6 FTE direct jobs. The remainder of the 20 direct/indirect jobs represents the 14 indirect jobs.

Proposed # of Public Computer Centers	
Schools (k-12)	0
Libraries	55
Medical and Healthcare Providers	0
Public Safety Entities	0
Community Colleges	0
Public Housing	0
Other Institutions of Higher Education	0
Other Community Support Organization	0
Other Government Facilities	0

Total Proposed Public Computer Centers 55
Current Total Persons in Service Area 380436

Minority Serving Institutions	
Historically Black Colleges and Universities	0
Tribal Colleges and Universities	0
Alaska Native Serving Institutions	0
Hispanic Serving Institutions	0



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Native Hawaiian Serving Institutions	0
TOTAL MINORITY SERVING INSTITUTIONS	0

Weekly Usage Summary	
Total Current # of Persons Served per 120-hour Business Week	5714
Total Proposed # of Persons Served per 120-hour Business Week	10115
Total Current # of Persons Served per 48-hour Weekend	2452
Total Proposed # of Persons Served per 48-hour Weekend	5637

Broadband Workstation Summary	
Number of Current Workstations proposed to be upgraded	92
Total Current # of Broadband Workstations	391
Total Proposed # of Broadband Workstations	561
Average Current Facility Broadband Connection Speed	1.27 Mbps
Average Proposed Facility Broadband Connection Speed	6.20 Mbps



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I. Project Readiness

Licenses and Regulatory Approvals

Radio frequency licenses are included in the purchase of the wireless point-to-point radio systems. There are no other licenses or approvals required for the work proposed in this project.

Organizational Readiness

ICFL was established in 1901 as the State Library. Its first use of federal grant funds came in 1937 with a Works Progress Administration (WPA) project to extend and expand library services statewide. Since 1957 ICFL used over \$32 million in federal funds from the various iterations of the Library Services Act to foster and deliver library services in Idaho.

ICFL, a self-governing executive agency, has a strong track record in both fiscal and program accountability. The most recent Legislative Audit (FY 2007-2009) stated: “We did not identify any significant conditions or weaknesses in the general administrative and accounting controls of the Commission.” There were no findings or recommendations in this report or the prior.

ICFL has a history of successfully working with public libraries statewide with support for strategic planning, consulting services, professional development, grant administration, convening advisory groups, and planning/implementation/evaluation of statewide services. Successful statewide services that demonstrate ICFL ability to plan, implement, manage, publicize, and sustain include:

Libraries Linking Idaho (LiLI) Databases – ICFL procures and portals proprietary online database services through multiple vendors which are used by public, school, and academic libraries. In 2008, ICFL paid \$530,600 for databases that would have cost \$11,015,900 if purchased individually by participating libraries.

LiLI Resource Sharing – ICFL collaborated with local libraries and negotiated statewide contracts (using over \$450,000 in FY2010 from state and federal funds) to create a shared, web-based catalog and interlibrary loan service accessible to every Idahoan.

ICFL has operated the “Let’s Talk About It” adult reading program with support from the National Endowment for the Humanities for over 25 years, a collaborative effort with public libraries to encourage reading and local discussion groups.

ICFL created the Read to Me (RTM) early literacy program in 2000 as a small pilot, expanded it with a 3-year grant, and continues to build the program that includes state-level partnerships and local libraries, delivery of professional development to libraries, and grant administration. An in-depth evaluation of 2009 RTM programs in public libraries found that there is significant legacy value for the libraries, their service areas, and the state with the outreach capacities developed.



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ICFL has successfully managed statewide initiatives funded from foundation grants (e.g. Fred Meyer Charitable Trust, Bill & Melinda Gates, Joe & Kathryn Albertson, Wal-Mart) to increase collaborative and community partnerships, building capability in participating libraries to better serve their clientele.

Anticipating the quick start needed on this project, ICFL has selected 3 local contractors with extensive experience in telecom/ISP, Idaho and project management; see Named Contractors and Resumes.

Project Timeline and Challenges

Project Management

- Hire personnel and secure contract consultants: Project Manager, RFP Coordinator, Bandwidth Provisioning, Computer Provisioning, Sustainability Training Coordinators, Public Information Coordinators, End-Use Trainers (Q1)
- Notify participating libraries and project partners (Q1)
- Establish, conduct monthly and quarterly reports (Q1-Q8)
- Form project team, conduct project kickoff (Q1)
- Develop webinars for grant tracking, reporting process (Q1)
- Coordinate, update information with other BTOP/BIP applicants (ongoing)
- Milestone: libraries complete webinar training (Q1); hires complete, project team in place (Q1)
- Challenges: Maintaining ARRA compliance and reporting requirements. Mitigate by committing fiscal and legal staff to the project, hiring external project manager to coordinate all reporting, investing time up front to develop reporting templates and train libraries on processes. Managing library expectations. Mitigate with coordinated information strategy among partners, webinar training, regular communication through staff field consultants.

Connectivity

- RFP developed, issued (Q1)
- Bids evaluated, libraries select provider(s) (Q2)
- E-Rate training, assistance on RFP process (Q1-Q3, Q6-Q8)
- E-Rate training, assistance on application development (Q6-Q8)
- Provisioning: procure, configure, install connectivity solutions (Q3-Q5)
- Initiate broadband services (Q3-Q6)
- Milestone: Bandwidth upgrades complete (End Q6)
- Milestone: 100% library participation in web training (Q6)
- Milestone: E-Rate applications filed (2/2011, 2/2012)



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-Challenges: maintaining E-Rate compliance. Mitigate through E-Rate training, assistance, ongoing E-Rate training.

Computers

- Confirm library computing needs (Q1)
- Provisioning: procure, configure, install computing solutions (Q2-Q4)
- Computing hardware, software, maintenance training via WebJunction(Q4-Q6)
- Establish metrics for measuring computer use (Q2)
- Milestone: installation complete (Q4)
- Milestone: 100% library participation in online training (Q6)
- Establish remote authentication (Q5-Q6)

Online Resources

- Secure Learning Express Library (pmt one Q1, pmt two Q5), Internet 2 (Q1)
- Distribute Apangea, Plato passwords (Q1)
- Begin development of Teachers Domain Library with IdahoPTV, WGBH (Q2). Development Complete (Q5)
- Collect, distribute information on online resources (Q1)
- Milestone: availability of LEL (Q1), Apangea (Q1), Plato (Q1), TDL (Q5), Internet 2 (Q1), other existing partner resources (Q1).

Outreach/Training

- Conduct partner, local agency workshops (Q2-Q3; Q5-Q6)
- Conduct statewide public information media campaign (Q1-7)
- Distribute media release templates to libraries, local agencies for distribution (Q1-8)
- Identify needs, develop basic computing course curricula (Q2-Q3)
- Conduct basic computing courses (Q3-Q8)
- Milestone: Local partnership-based training completed (Q3-Q8)
- Milestone: 110 basic computing courses completed (Q8)

SPIN Number

J. Environmental Questionnaire

Does this PCC application have construction or ground disturbing activities?

No



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

Submitted Date: 3/15/2010 4:29:51 PM	Easygrants ID: 6743
Funding Opportunity: Public Computer Centers	Applicant Organization: IDAHO COMMISSION FOR LIBRARIES
Task: Submit Application - Public Computer Centers	Applicant Name: Ann Joslin

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

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

Yes

The project includes purchase of connectivity and computer workstation equipment, including turn-key radio local loop, switch/routers, and computer hardware and software. They will be installed, stored, and operated (as applicable) in existing central offices and libraries.

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

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.

No

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

Yes

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

Yes



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The project has a training and education component, and includes workshops that will be facilitated meetings. All trainings, education, and workshops will occur in existing facilities and structures.

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

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

All upgrades will involve turn-key wireless solutions and installation of switchers and routers at libraries. Radio frequency licenses are included in the purchase of the wireless point-to-point radio systems. There are no other licenses or approvals required, and no fiber construction is included.

K. Environmental Questionnaire – Part 2

Project Description

Property Changes

Buildings

Wetlands



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Critical Habitats

Floodplain

Protected Land

Coastal Area

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	ICFL Org Chart.docx	Joslin, Ann	03/14/2010
Management Team Resumes and Organization Chart	1AJoslin resume.doc	Joslin, Ann	03/14/2010
Management Team Resumes and Organization Chart	2RWilson resume.docx	Joslin, Ann	03/14/2010
Management Team Resumes and Organization Chart	3Hudson resume.docx	Joslin, Ann	03/14/2010
Management Team Resumes and Organization Chart	4MHooper resume.docx	Joslin, Ann	03/14/2010
Management Team Resumes and Organization Chart	6GAnders resume.docx	Joslin, Ann	03/14/2010
Management Team Resumes and Organization Chart	6TLipus resume.doc	Joslin, Ann	03/14/2010



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Management Team Resumes and Organization Chart	7JWall resume.doc	Joslin, Ann	03/14/2010
Management Team Resumes and Organization Chart	8FNelson Resume.doc	Joslin, Ann	03/14/2010
Management Team Resumes and Organization Chart	9GPersichini resume.docx	Joslin, Ann	03/14/2010
Management Team Resumes and Organization Chart	10AAbrams Resume.pdf	Joslin, Ann	03/14/2010
Management Team Resumes and Organization Chart	11BHoffman resume.pdf	Joslin, Ann	03/14/2010
Management Team Resumes and Organization Chart	12GJohnson resume.pdf	Joslin, Ann	03/14/2010
Management Team Resumes and Organization Chart	13SMaloney resume.pdf	Joslin, Ann	03/14/2010
Government and Key Partnerships	Letters of Commitment MGT.doc	Joslin, Ann	03/15/2010



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Government and Key Partnerships	IRON Letter.pdf	Joslin, Ann	03/15/2010
Government and Key Partnerships	FirstStep Letter.pdf	Joslin, Ann	03/15/2010
Government and Key Partnerships	NezPerce Letter.pdf	Joslin, Ann	03/15/2010
Government and Key Partnerships	CdA Tribe Letter.pdf	Joslin, Ann	03/15/2010
Government and Key Partnerships	CSI Letter.doc	Joslin, Ann	03/15/2010
Government and Key Partnerships	NIC Letter.pdf	Joslin, Ann	03/15/2010
Government and Key Partnerships	PTE Letter.pdf	Joslin, Ann	03/15/2010
Government and Key Partnerships	PTE Letter.pdf	Joslin, Ann	03/15/2010
Government and Key Partnerships	IDOE Letter.pdf	Joslin, Ann	03/15/2010
Government and Key Partnerships	IdahoPTV Letter.pdf	Joslin, Ann	03/15/2010



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Government and Key Partnerships	WGBH Letter.pdf	Joslin, Ann	03/15/2010
Government and Key Partnerships	SBOE Letter.pdf	Joslin, Ann	03/15/2010
Government and Key Partnerships	Apangea Letter.doc	Joslin, Ann	03/15/2010
Government and Key Partnerships	IBCEE Letter.pdf	Joslin, Ann	03/15/2010
Government and Key Partnerships	Gates Letter.pdf	Joslin, Ann	03/15/2010
Government and Key Partnerships	ICFL Letter.doc	Joslin, Ann	03/15/2010
Government and Key Partnerships	Governor Letter.pdf	Joslin, Ann	03/15/2010
Government and Key Partnerships	ILA Letter.doc	Joslin, Ann	03/15/2010
Government and Key Partnerships	IAC Letter.pdf	Joslin, Ann	03/15/2010
Government and Key Partnerships	IDRP Letter.doc	Joslin, Ann	03/15/2010



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Government and Key Partnerships	Idaho Library Letters of Commitment.pdf	Joslin, Ann	03/15/2010
Government and Key Partnerships	List of Commitment Letters.doc	Joslin, Ann	03/15/2010
Historical Financial Statements	Idaho State Budget 2009 MD&A.pdf	Joslin, Ann	03/14/2010
Historical Financial Statements	Idaho State Balance Sheet.pdf	Joslin, Ann	03/14/2010
Historical Financial Statements	Idaho State Operating Statement.pdf	Joslin, Ann	03/14/2010
Historical Financial Statements	Idaho State Financial Statements-All Notes 2009.pdf	Joslin, Ann	03/14/2010
Historical Financial Statements	Idaho ICFL Revenues and Expenditures FY07-10.xlsx	Joslin, Ann	03/14/2010
Historical Financial Statements	Idaho BTOP Supplemental-Explanation of Financial Statements.docx	Joslin, Ann	03/14/2010
Historical Financial Statements	ICFL Statement of Cash Flows.docx	Joslin, Ann	03/15/2010
Public Center Detail	Idaho PCC Detail Table.xls	Joslin, Ann	03/15/2010



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Detailed Budget	Idaho PCC Detailed Budget Attachment.xls	Joslin, Ann	03/15/2010
BTOP Certifications	Idaho BTOP Certifications.pdf	Joslin, Ann	03/14/2010
SF424 Budget (A or C)	Idaho 424.pdf	Joslin, Ann	03/15/2010
SF424 B and D Assurances	424 Assurances.pdf	Joslin, Ann	03/14/2010
Supplemental Information	Idaho BTOP Supplemental Info.doc	Joslin, Ann	03/15/2010
Supplemental Information	IdSmallRuralSchoolAYP.xls	Joslin, Ann	03/15/2010
Supplemental Information	Library Map.doc	Joslin, Ann	03/15/2010