

UNIVERSITY OF ILLINOIS  
AT URBANA-CHAMPAIGN

Office of Sponsored Programs  
and Research Administration  
1901 South First Street, Suite A  
South Research Park  
Champaign, IL 61820



February 24, 2010

State of Illinois

TITLE: "UC2B Public Computer Centers and Sustainable Broadband Adoption"  
PERIOD: 09/01/2010-08/31/2013  
PRINCIPAL INVESTIGATOR(s): John Unsworth  
DEPARTMENT: GSLIS  
TYPE OF REQUEST: New

Enclosed are copies of the above referenced proposal. This proposal has been approved for submission by the proper University administrative official(s).

Your consideration will be appreciated. Any contract or grant supporting the above described project must be issued in the University's corporate name. The Board of Trustees of the University of Illinois, Urbana, Illinois 61801.

Any questions of a non-technical nature regarding this proposal should be addressed to the individual below at (217) 333-2187:

Kimberly Walsh

Sincerely,



Kathy Young, Director  
Office of Sponsored Programs and Research Administration

KY:kw

Enclosure

cc: Suzi Harmon

# STATE OF ILLINOIS REQUEST FOR APPLICATION BROADBAND DEPLOYMENT PROGRAM – ROUND TWO

## BACKGROUND

The American Recovery and Reinvestment Act (ARRA)<sup>1</sup> contains over \$7 billion in grants and loans for broadband-related projects. Federal grant and loan applicants with matching commitments receive preference over those without them.

As part of its multi-faceted approach to ensuring broadband access to unserved and underserved areas of the state, the State of Illinois is helping Illinois applicants leverage public and private investment for ARRA's competitive opportunities. The "Illinois Jobs Now" Capital Plan<sup>2</sup> contains a \$50 million Broadband Deployment Fund which is being administered by the Illinois Department of Commerce and Economic Opportunity (DCEO) to provide funding commitments to successful ARRA grant and loan applicants who expand and strengthen broadband, health information technology, telemedicine, distance learning, or public safety network infrastructure in Illinois.

Based on Round One award notifications received to date, DCEO anticipates up to \$35 million will be available in Round Two.

## STATE PRIORITIES

A goal of the Illinois Broadband Deployment Program is to maximize broadband-related opportunities in Illinois by investing in projects eligible for federal funding under the American Recovery and Reinvestment Act that will promote economic development and job creation. Priority funding will be provided to projects that build broadband infrastructure and accelerate the deployment and adoption of broadband in unserved and underserved communities in Illinois, as defined by ARRA.

## ELIGIBLE APPLICANTS

Illinois-based entities that apply under the federal Notice of Funding Availability for the [Broadband Initiatives Program](#) or the [Broadband Technology Opportunities Program](#) are eligible to apply for state matching funds under this request for application. Existing broadband service providers are required to have provided its current broadband service data to the State's broadband mapping initiative in order to be eligible for a funding commitment.

## ELIGIBLE COSTS

State funding may only be used for bondable capital expenditures for Illinois broadband projects (please refer to Appendix I for general information regarding the bond guidelines). Illinois DCEO intends to offer financial commitments of up to 20% of the total project cost of for a single broadband project; however, DCEO maintains discretion in awarding funding commitments that exceed this amount. Competitive applications will include a local match of at least 10% of the total project cost. State funding is contingent upon the federal approval and award of a broadband project. If awarded ARRA funds, applicants will be required to enter into a subsequent grant agreement with DCEO to secure the state funding commitment. Please also note that the timing of a state grant agreement is contingent on the cash balance of the Build Illinois Bond Fund and a valid state appropriation.

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<sup>1</sup> Pub. L. 111-5

<sup>2</sup> Illinois Public Act 96-0039

**STATE OF ILLINOIS REQUEST FOR APPLICATION  
BROADBAND DEPLOYMENT PROGRAM – ROUND TWO**

**APPLICATION EVALUATION AND SELECTION PROCESS**

An inter-agency review panel will evaluate each application using the same evaluation criteria for the relevant ARRA funding opportunity. The review panel will evaluate each project and develop a funding recommendation. The final decision to make a funding commitment will be made by DCEO. Applicants will be notified of the funding decision by March 10, 2010, via e-mail to the project contact(s) listed in the application.

**APPLICATION DEADLINE**

The National Telecommunications and Information Administration (NTIA) and the Rural Utilities Service (RUS) have established a March 15 deadline for federal Round Two applications. The application deadline for this state request for application is 12:00 PM on Wednesday February 24, 2010.

**CONFIDENTIALITY OF APPLICANT INFORMATION**

Applicants are encouraged to identify and label any confidential and proprietary information contained in their applications. The State of Illinois will protect confidential and proprietary information from public disclosure to the fullest extent authorized by applicable law. Applicants should be aware, however, that state policy requires substantial transparency and may make publicly available on the Internet a list of each entity that has applied for a grant, a description of each application, the status of each application, the name of each entity receiving funds, the purpose for which the entity is receiving the funds, the amount of a state award, the project location, the number of jobs created and retained, and other information.

**GRANT APPLICATION GUIDELINES**

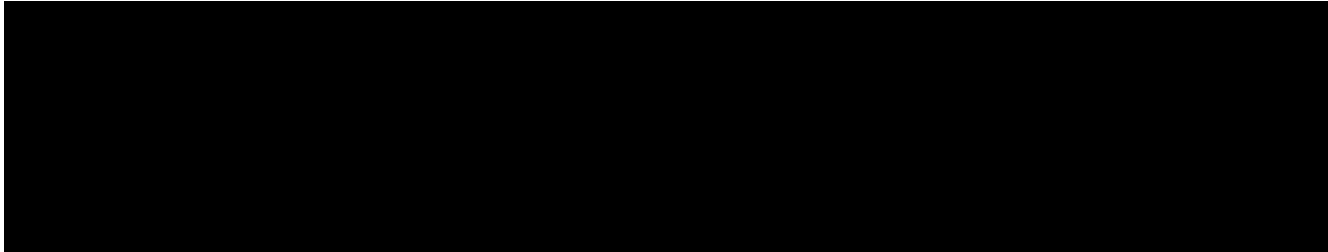
Applicants are required to complete the following table and submit a complete copy of their NTIA or RUS Round Two application or as much information available at the time. Applications will be evaluated based on the information provided. Incomplete information may adversely impact your ability to secure a funding commitment. A PDF file of the complete application should be submitted electronically to [gov.broadband@illinois.gov](mailto:gov.broadband@illinois.gov) by February 24, 2010.

**CONTACT INFORMATION**

Questions regarding this application should be submitted in writing to [gov.broadband@illinois.gov](mailto:gov.broadband@illinois.gov). All questions and subsequent answers will be posted on the [www.broadband.illinois.gov](http://www.broadband.illinois.gov) website.

**STATE OF ILLINOIS REQUEST FOR APPLICATION  
BROADBAND DEPLOYMENT PROGRAM – ROUND TWO**

<b>APPLICANT ORGANIZATION</b>			
<b>Legal Name</b> Board of Trustees of the University of Illinois		<b>Telephone Number:</b> 217-333-2187	
<b>Address: 1901 S. First, Suite</b>		<b>Fax Number: 217-239-6830</b>	
<b>City:Champaign</b>	<b>Zip Code+4 61820-7406</b>	<b>Federal Taxpayer Number:</b> 37-6000511	
<b>Web Address: www.Illinois.edu</b>		<b>Date Incorporated:</b>	<b>Number of Employees:</b>
<b>CONTACT INFORMATION</b>			
<b>Salutation:</b>	<b>First Name:</b> Kathy	<b>Last Name:</b> Young	
<b>Title: Director, Office of Sponsored Programs &amp; Research Administration</b>	<b>Telephone Number:</b> 217-333-2187	<b>Fax Number: 217-239-6830</b>	
<b>Address: 1901 S First, Suite A</b>			
<b>City:</b> Champaign	<b>State:</b> IL	<b>Zip + 4:</b> 61820-7406	
<b>E-mail (REQUIRED)gcoaward@uillinois.edu</b>			
<b>PROGRAM</b>			
<b>BIP:</b> <input type="checkbox"/> Last Mile <input type="checkbox"/> Middle Mile <input type="checkbox"/> Satellite Project <input type="checkbox"/> Rural Library Broadband <input type="checkbox"/> Technical Assistance <b>BTOP:</b> <input type="checkbox"/> Comprehensive Community Infrastructure <input checked="" type="checkbox"/> Public Computer Centers <input checked="" type="checkbox"/> Sustainable Broadband Adoption			
<b>PROJECT BUDGET</b>			
<b>Total Project Cost:</b> \$4,287,132	<b>Total Matching Funds Requested:</b> \$440,000	<b>Federal Grant Request:</b> \$2,818,931	<b>Federal Loan Request:</b> \$



Broadband Technology Opportunities Program

# Public Computer Centers Paper Application

February 16, 2010

Version 1.0

**National Telecommunications and Information Administration**

**Broadband Technology Opportunities Program  
1401 Constitution Avenue, NW  
Washington, DC 20230**

\* Notwithstanding any other provision of law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with a collection of information subject to the Paperwork Reduction Act unless that collection displays a currently valid OMB Control Number.





## 1 Introduction

Pursuant to section X.N. of the Notice of Funds Availability (NOFA), an Applicant may seek a waiver of the electronic filing requirement set forth in section VI.E. of the NOFA and request that the National Telecommunications and Information Administration (NTIA) accept its application in another format (e.g., paper). As stated in section X.N., it is the general intent of NTIA not to waive any of the provisions set forth in the NOFA. However, under extraordinary circumstances and when it is in the best interest of the federal government, NTIA may grant relief. Thus, Applicants seeking a waiver of the electronic filing requirement must specifically set forth in writing the extraordinary circumstances they face, why they cannot file electronically, and why it is in the best interest of the federal government to grant relief. To the extent that an Applicant petitions for relief of the electronic filing requirement and intends to submit a paper application, the written waiver requests must be submitted along with the paper application by the deadline set forth below.

Waiver requests and accompanying paper applications must be **received** by NTIA no later than **5:00 p.m. EDT on March 15, 2010**. When seeking to apply in a paper format, the Applicant assumes all risk of not meeting this deadline. As stated in the Round 2 Grant Guidance, the submitted paper application must comply with all of the following guidelines. An applicant's failure to comply with the character limits, page limits, and formatting requirements as set forth in the application, or the failure to submit all required attachments may result in the applicant's waiver request not being considered.

The application must be typed, single-sided, single-spaced, on 8 ½" x 11" paper, excluding maps, diagrams, and charts. To the extent applicable, the font must be no less than 12 points with margins no less than one inch. Applicants must also submit a copy of their application on an appropriate electronic medium, such as a DVD, CD-ROM, or flash drive. Each submission must also be clearly labeled with the name of the Applicant, a description of each submission (e.g., Attachment M), and the electronic format used (e.g., Word 2007 or Adobe Acrobat 7.0). Please note that NTIA will not accept paper applications via facsimile machine transmission or via electronic mail.

Applicants filing in a paper format must submit an application signed by an authorized representative of the Applicant certifying that he or she is authorized to submit the application on behalf of the Applicant and that all of the contents of the application are true and correct to the best of his or her knowledge, information, and belief.

Waiver requests and paper applications must be mailed, shipped, or sent overnight express to:

**Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
U.S. Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4887  
Washington, DC 20230**

Or hand-delivered to:

**Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
U.S. Department of Commerce  
1401 Constitution Avenue, NW**





**HCHB, Room 1874  
Washington, DC 20230**

Room 1874 is located at entrance #10 on 15<sup>th</sup> Street NW, between Pennsylvania and Constitution Avenues. United States Postal Service Priority Mail, First Class Mail, and Parcel Post packages delivered to the DOC are irradiated. Irradiation could result in damage to the contents, or delay the delivery of an application to the BTOP Office. Thus, Applicants are encouraged to consider the impact of these procedures in selecting their chosen method for application delivery.





## 2 Acknowledgement of Notices

### Acknowledge

Before applying, applicants should fully read the Notice of Funds Availability ("NOFA") and Grant Guidance for Round 2 of BTOP funding. Among other things, applicants should be familiar with the following rules and requirements:

- If an applicant fails to submit a fully complete application, including all required supplemental materials, or fails to provide at a 20% cost share or request a waiver, the application will not be reviewed or considered for an award.
- Applicants must commit to substantially completing their project within two years after the issuance of the grant, and to finishing the project within three years.
- Applicants must successfully demonstrate that the project could not be implemented without federal grant assistance.
- Applicants may receive funding only for costs established in the NOFA as eligible costs for the appropriate project category.
- Applicants receiving awards will be subject to quarterly federal reporting requirements and other post-award regulations as specified in the NOFA.
- Applicants that are not exempt from taxation should consult with their tax advisors regarding the potential tax consequences of BTOP grants. For an example of the analysis that the Internal Revenue Service may apply to BTOP grants, please see [www.irs.gov/pub/irs-drop/n-03-18.pdf](http://www.irs.gov/pub/irs-drop/n-03-18.pdf). Federal taxes are not an eligible cost under Federal grant programs such as BTOP.
- In advance of accepting a BTOP award from NTIA, Applicants should review the Department of Commerce's grant award document, the CD-450 "Financial Assistance Award." Applicants should also familiarize themselves with the Department of Commerce's standard terms and conditions for grants. See "Financial Assistance Standard terms and Conditions."
- **IMPORTANT NOTICE:** Some of the elements in this application will be made publicly accessible through the application database available at [www.broadbandusa.gov](http://www.broadbandusa.gov) per Section VI. D. of the NOFA. As stated in the NOFA, those elements of the application that will be publicly displayed are: 1) the identity of the applicant and general applicant and project information; 2) an executive summary of the project; and 3) the federal grant request and cost match. Thus, NTIA will make the following information in the application publicly available: 1) the name and location of the applicant organization; 2) the name, phone number, and email address of the primary point of contact; 3) the project title and description; 4) the executive summary; 5) the total federal grant request and total match amount; and 6) the states in which the project will provide service.

Please place an X below to acknowledge that you have read the above notices as well as the applicable rules in the NOFA governing this program.







**BROADBANDUSA**  
CONNECTING AMERICA'S COMMUNITIES

OMB Control No.: 0660-0031\*

Expiration Date: 07-31-2010

Made Possible by the Broadband Technology Opportunities Program

Funded by the American Recovery and Reinvestment Act of 2009

I Acknowledge the above statement.





### 3 Contact Information

Contact Information			
<b>Provide the name and contact information of person to be contacted on matters involving this application. ALL INFORMATION ON THIS PAGE WILL BE MADE PUBLICLY AVAILABLE.</b>			
Prefix:	Ms.		
First Name:	Katherine		
Middle Name:	S.		
Last Name:	Young		
Suffix:			
Title:	Director, Office of Sponsored Programs and Research Administration		
Telephone:	217.333.6323	Extension:	
Fax Number:			
Email:	kyoung@illinois.edu		
Other (Specify):	1901 S. First St., Champaign, IL 61820-7406		





## 4 Additional Contacts

Other Grant Project Contact Information		
Enter the contact information for each additional point of contact.		
Prefix:	Professor	
First Name:	John	
Middle Name:	M.	
Last Name:	Unsworth	
Suffix:		
Title:	Dean, Graduate School of Library and Information Science	
Project Role:	Project Manager	
- Secondary POC	Sharon Irish, Interim Director, Community Informatics Initiative	
- Other Contact	21.333.7094	
Telephone Number:	217.333.3281	Extension:
Email (Business):	unsworth@illinois.edu	





## 5 Organization Information

<b>Organization Information</b>	
<b>Please enter the DUNS Number for the organization applying for this grant.</b>	
DUNS Number:	04-154-4081
CCR:	4B808
CAGE Number:	
Legal Business Name:	Board of Trustees of the University of Illinois
Point of Contact (POC):	
Alternate POC:	
Electronic Business POC:	
Alternate Electronic Business POC:	

<b>Additional Organization Information</b>
<b>Please enter the following information.</b>
Type of Organization: Please select the appropriate classification for your organization from the choices indicated below. (Note: If there are multiple sponsoring organizations, designate the lead applicant that would enter into a grant agreement with the Agency and assumes operational and financial responsibility should an award be made).
<input type="checkbox"/> State or State Agency <input type="checkbox"/> County Government <input type="checkbox"/> City or Township Government <input type="checkbox"/> District of Columbia <input type="checkbox"/> US Territory <input type="checkbox"/> Indian Tribe <input type="checkbox"/> Non-profit Corporation <input type="checkbox"/> Non-profit Foundation





- Non-profit Institution
- Non-profit Association
- Cooperative or Mutual
- Native Hawaiian Organization
- For-profit Entity
- Other

Is the organization a small business?

- Yes
- No

Does the organization meet the definition of a socially and economically disadvantaged small business concern?

- Yes
- No





## 6 Authorization

<b>Authorization</b>	
<b>Please indicate the Applicant's Authorized Organization Representative.</b>	
First Name:	
Last Name:	
Email:	





## 7 Project Information

<b>Project Title</b>
Provide a title for the project that is descriptive and illustrates the purpose of the project.
<b>Urbana-Champaign Big Broadband (UC2B) Public Computer Centers</b>
<b>Project Description</b>
Provide a few short sentences to describe the project. Because this brief description of the project will appear on publicly accessible Web sites, the Applicant should ensure that it describes the project fairly and in the light the Applicant wants the public to see its proposal. <b>This response is limited to 400 characters.</b>
UC2B and partner agencies that serve vulnerable populations have come together expand and/or renovate 8 public computer centers that serve vulnerable populations, along with Wi-Fi access points to serve 60,000 additional users each year. The project will also create two new multi-purpose facilities in existing structures to provide new public computer facilities in underserved areas.

<b>Other Applications</b>
Is this application being submitted in coordination with any other application being submitted during this round of funding, or with an application that received an award in the previous round of funding?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If YES, the Applicant has submitted, or plans to submit, any other related applications for BTOP funds in this round of funding, please indicate the Easygrants ID and Project Title for those applications.





<p>Easygrants ID: 4477 (Infrastructure)</p>
<p>There are three linked submissions from the Urbana-Champaign Big Broadband (UC2B) Consortium. They inform and enable each other and provide an integrated solution for the Identified Service Area.</p>
<p>Project Title: BTOP CCI: Urbana-Champaign Big Broadband - UC2B Fiber &amp; Wi-Fi Infrastructure (Easy Grants #4477)</p>
<p>BTOP Sustainable Broadband Adoption: Urbana-Champaign Big Broadband (UC2B) – Sustainable Broadband Adoption (no Easy Grants number yet)</p>
<p>If YES, please explain any synergies and/or dependencies between this project and any other applications. Describe how the projects are related, and detail any synergies created by the projects. Also the Applicant should note any dependencies this application may have on other applications and explain what contingency plans, if any, you have in the event the other project does not receive an award. <b>This response is limited to 3,000 characters.</b></p>
<p>The CCI submission connects Anchor Institutions via fiber-optics, and Wi-Fi expands the reach of those institutions to vulnerable populations. The PCC submission leverages and coordinates efforts already in progress in Champaign-Urbana, as well as creating two new facilities in underserved areas of the cities. The SBA proposal will be the engine to continue the momentum of the PCC projects. To continue the automotive metaphor, the PCC provides up-to-date vehicles for public use, and the SBA develops skills so that more people can get in the driver's seat and stay there to uplift the cultures and economies of the region.</p> <p>The PCC and SBA proposals are dependent on the infrastructure proposal providing broadband to anchor institutions with a Wi-Fi overlay. The Round 1 Infrastructure proposal has been in due diligence for a month and there has been no announcement of an award made yet. Thus we are resubmitting the Infrastructure for Round 2.</p>

<p><b>Individual Background Screening</b></p>
<p>Is the Applicant exempt from the Department of Commerce requirements regarding individual</p>







background screening in connection with any award resulting from this Application? (Select One)

- Yes, Applicant is exempt because it is an accredited college or university.
- Yes, Applicant is exempt because it is a unit of a state or local government.
- Yes, Applicant is exempt because it is an Economic Development District (EDD) designated by the Department of Commerce Economic Development Administration, has an EDD designation pending, or is a council of governments.
- No, Applicant is subject to these requirements.

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

Name:

Title:

Employer:

**Essay Question: Executive Summary, Project Purpose, and Benefits**

**Executive Summary of the Proposed Project:** Please provide an Executive Summary of the proposed Project. The Executive Summary should be a brief description of the Project, and may address the following topics:

- a. A statement of the problem or need your project addresses with regard to improving broadband service adoption rates.
- b. Your overall approach to addressing the need.
- c. Area(s) to be served; population of the target area(s), including demographic information; and the estimated number of potential users of your public computer center(s).
- d. Qualifications of the applicant that demonstrate the ability to implement the project and achieve its intended results.
- e. Jobs to be saved or created.
- f. Overall cost of the proposed project.

**This response is limited to 9,000 characters.**

The underserved population of Urbana-Champaign needs an address, as one prominent local leader recently said: a real address *and* a virtual address. Urbana-Champaign has an acute gap in digital literacy. With a population of 113,000, we are home to the University of Illinois (UIUC), the nation's second largest research university (in research dollars). UIUC developed the first graphical Web browser, NCSA Mosaic, the LED, and people in our #1-ranked computer science program invented YouTube, PayPal, and more. UIUC is now building the world's fastest supercomputer, Blue Waters.

But our community has the widest digital divide in Illinois and perhaps the nation. Within less than a mile of the university, people do not have access to broadband, to computer workstations, or to the basic digital





literacy now critical for jobs and education. We have the fifth largest population below the poverty line in Illinois, and our public schools have 60% of children federally eligible for free or reduced lunch. We know that roughly 2,000 children in our schools do not have access to a computer at home, and that broadband adoption is below 40% in our target neighborhoods.

UC2B--a consortium of the University of Illinois and the Cities of Champaign and Urbana--and partner agencies that serve vulnerable populations have come together to address this digital divide in intertwined Public Computer Center and Sustainable Broadband Adoption proposals. We aim to provide that address for all of our residents. Our partners include the cities of Urbana and Champaign, Parkland College, Champaign Public Library, The Urbana Free Library, and the University of Illinois Graduate School of Library and Information Science (GSLIS), home to the Community Informatics Initiative (CII). CII was preceded by the Prairienet community network project (founded in 1993) that received a TOP grant in 1997 to support free dial-up Internet. Building on that history, GSLIS has continued public engagement via information technologies since 2000 with the Community Networking Initiative. Our public libraries have served over 110,000 computer users in the last 6 months and successfully operate existing public computing centers. Parkland College has a public computer and workforce development training center and an effective program that has already given thousands of people job training in IT skills, resume support, and more. Other partners include the Champaign and Urbana Public Schools, the Urbana-Champaign Independent Media Center, and a group of community centers, churches, and outreach organizations that specifically serve vulnerable populations.

Our approach to meeting the needs of our vulnerable populations is three-pronged:

1. easy access to, and outreach for, workforce development training, spearheaded by Parkland Community College
2. small business incubation in underserved areas through technology training and programs in entrepreneurship and marketplace literacy
3. a comprehensive community approach to broadband access, engagement and sustainable adoption through a) easily accessible public computer access points, most of which are for specific vulnerable populations (e.g., unemployed, low-income, youth, low literacy, disabled), and b) fully integrated services and programs such as K-12 education and healthcare.

Our Public Computing Center proposal includes:

- Expanding and renovating a network of 10 public computer centers to provide access, training and business development, in the communities that need it most. The centers include 3 libraries, 1 workforce development center, a media center, and not-for-profit agencies that serve vulnerable populations. Up to 200 additional workstations and laptops along with Wi-Fi access points to serve 60,000 additional users per year is planned.
- Delivering training to 4,000 people in IT-related job skills such as word processing and computer repair, providing resume support, and delivering workforce development to re-train unemployed and underemployed populations.
- Sustaining this effort after the term of the grant through the commitments of the partners (Parkland College and Public Libraries) to continue operating and upgrading these public computer centers on





an ongoing basis.

Our Sustainable Broadband Adoption proposal includes:

- Employing teachers, lab assistants and “cybernavigators” to provide outreach and training within the vulnerable populations of the community, delivering a digital literacy training curriculum that, for example, helps bring churches online with digital video, introduces families to email and social networking to stay connected between generations—making broadband a part of people’s lives through informal training that mirrors the way we ourselves learned to use email, smartphones, and Facebook by learning through family, friends and community and adopting these as part of our lives.
- Expanding our successful “Lighted Schoolhouse” model to 2 additional elementary schools to support family resource centers where adults can get online to check their children’s homework and grades and coordinate with teachers.
- Involving teens in social networking and multimedia productions using a mobile trailer
- Supporting the local Don Moyer’s Boys and Girls Club in-house programming
- Extending the University’s small business incubator services to small, minority-owned and disadvantaged businesses, and providing training on getting their business online, e-commerce, and common business software from Office to financial management (e.g., Quickbooks).
- Addressing not only job “know-how” but “know-why,” or aspirations to success, that promote flexibility and commitment in jobs creation
- Creating and translating materials into Spanish and working with our partners to reach vulnerable populations.
- In total creating 5000 on-going broadband subscribers, including residents and small businesses.
- Sustaining this outreach and training after the grant by adopting a “train-the-trainer” model where each group of cybernavigators helps train and orient the next group, and being a cybernavigator is a career path leading in a number of promising directions for further professional development.

Through these PCC and SBA projects we will create or save 50 direct jobs in construction and in staff delivering these programs, and we expect to create 80 indirect jobs through small business support. We have identified a 40% local/state match for this funding, in addition to leveraging other existing federal grant support, such as \$30,000 from a National Science Foundation grant to Parkland for computer training. We look forward to receiving funding and initiating this project which will greatly expand our local capacity to bridge our digital divide by providing broadband access, fluency and skill to vulnerable populations.

**Project Purpose:** Describe the purpose of the project and how it supports the statutory objectives of the BTOP program (refer to Grant Guidance). Please include information to support your





assumptions relative to the following:

- Project addresses compelling problem or presents an opportunity consistent with the BTOP statutory goals;
- Project offers an effective solution to that problem or addresses the opportunity;
- Proposed solution demonstrates broad significance and includes developments that can be replicated to improve future projects;
- Whether the proposed funded service area is in an unserved or underserved area; and
- The extent to which the project addresses more than one statutory purpose.

**This response is limited to 6,000 characters.**

A. Problem significance: overcoming broadband inequality in a public university technopole.

The significant problem we are addressing is persistent, deepening digital inequality in a particular type of North American community that is found in all 50 states around our public institutions of higher education. There are 1,700 such communities, where (as in Champaign-Urbana) some people are using, and even creating, the world's most powerful hardware and software. Others are using a mouse for the first time. The University of Illinois has been a world center for creative innovation in computing, from PLATO (1960), the first public computer system, to Blue Waters (2011), which will be the most powerful supercomputer in the world when it comes online for open scientific research.

But off campus, many residents of C-U (and other similar higher-education-hub communities) are facing a computer screen, keyboard, and mouse for the first time, because all applications for the jobs, housing, and social services they need have migrated online. C-U has the same social dislocations and proportion of marginalized people as any other city in this period of economic crisis. Getting online is mandatory to apply for jobs (at Google or McDonalds), education, housing, and social services. While some in C-U are integrated into the big-broadband-connected world (through televisits with family in China or ongoing collaborations with German researchers, for example), as a community, we are far behind high-speed-internet societies in Asia and Europe.

B. Effective solution: building a unified network of existing/planned public computer centers in high need areas, bringing them to a technology standard including big broadband, and providing local IT support.

The most advanced public computer center in town, with 72 applications available on each machine, users empowered to download more, and constant education and reinforcement in new uses of big broadband, is a lab exclusively for U of I computer science majors. Meanwhile at community computer centers, tight budgets and short staffs often limit instruction and support to browsing and word processing, without even the games that teach newbies mouse skills or keyboarding. UC2B Public Computer Centers's solution has three parts:

1. organizing 10 existing or planned public computer centers (all serving underserved areas and vulnerable populations, some with only five computers, some with 30) into a unified network for sharing best practices and collaborating;
2. bringing their technology to a standard, including big broadband; and
3. providing IT support to the 10 centers as well as extending mobile support and training to 23 other targeted





access sites

This dovetails with the UC2B Sustainable Broadband Adoption proposal, which aims at:

4. workforce development & training
5. small business development and training – using public computing capacities to help local residents and institutions create big broadband content for incubation and innovative marketing
6. home and community access through wireless overlay

Taken together, these activities will move local residents and institutions to big-broadband-based living and working and result in higher levels of big broadband access and use.

C. Replicable solution: The UC2B solution relies on a strategy available to the 1700 communities nationwide which have public institutions of higher education. That solution is to link on-campus resources and technology approaches with local community leaders in order to level the local broadband playing field. Part of making this solution replicable is embedded in the UC2B proposal, namely, sharing our successes and educating other cities and towns as we go. Some partners, such as the Community Informatics Initiative, have a history of this kind of sustainability (community engagement and participatory research).

D. Advancing job creation along with four of five BTOP statutory purposes.

The UC2B Public Computer Center and Sustainable Broadband Adoption proposals create or save **130** jobs and advance 4 of the 5 statutory purposes of BTOP:

1. Increasing broadband takeup in underserved areas (currently evidencing <40% broadband takeup).
2. Increasing broadband awareness and access and providing broadband training, equipment, and support to anchor institutions and vulnerable populations. Many public computer centers are located in underserved areas (which are the lowest-income neighborhoods in Champaign-Urbana); others serve vulnerable populations. The lab assistants and 3 FTE cybernavigators will work in these 10 centers, in neighborhoods, and with community anchor institutions in 12 sectors: education, libraries, public safety, women, employment, homeless, disabled, health, churches, community centers, media/culture, and seniors.
3. Expanding broadband for public safety agencies: One center is the Youth Detention Center serving 500 youth per year. Another serves ex-offenders at a homeless shelter.
4. Stimulating broadband demand and adoption: As local residents and institutions are supported in big broadband innovation based on cultural production, digitization of their own materials, and entrepreneurship, their lives will move online. Sustained big broadband demand will result.

E. Reinforcing other BTOP program objectives (Infrastructure and Sustainability).

The 10 public computer centers, the 80 UC2B workers, and the locally oriented digitization, cultural production, and entrepreneurship will mobilize vulnerable populations, anchor and grassroots organizations,





and residents of underserved areas to new ways of living and working with big broadband. This will generate demand for the infrastructure and provide the basis for the sustainability mentioned above.

**Recovery Act and Other Governmental Collaboration:** Describe how the project will leverage Recovery Act objectives or other federal or state development programs. Please identify the programs themselves and the dollar value of those programs. In addition, specify how collaboration can lead to greater project efficiencies. **This response is limited to 3,000 characters.**

Three examples explain the diverse local government commitment to the UC2B infrastructure project, which is integral to the entire UC2B proposal.

1. The Champaign-Urbana Mass Transit District operates an award-winning bus system. They want access to fiber connections in order to deliver wifi access and bus arrival times to off-campus bus shelters just as they already do at on-campus bus stops.
2. The Urbana-Champaign Sanitary District operates two main waste treatment plants and seven pumping stations. They want big broadband to synchronize the pumping stations better with the treatment plants. This application gives an entirely new meaning to the term "critical institution."
3. METCAD handles the county's 911 calls and dispatches first responders. It becomes a public safety concern whenever their interagency and first responders radio system fails. They want UC2B's fiber to provide a backup system for their lifesaving radio towers.





**Technology Strategy:** Please describe the overall technology plan that you intend to deploy in your program. If appropriate, please include the primary types of network equipment and technology you plan to use, as well as how you will ensure a reliable, secure, and user-friendly system for the public users of your broadband access facilities. **This response is limited to 6,000 characters.**

The overarching technology strategy for UC2B is to be comprehensive, holistic, and deeply engaged with vulnerable residents and the organizations serving them, with an emphasis on building local capacity and integrating existing assets. This means that underserved areas and vulnerable populations will have:

1. technology that is stable and supported in their immediate environment;
2. the best specific tools and practices for the appropriate use of technology to support local economic and workforce development, health, education, and public safety for music/media, access (teleconferencing), and digitization available at geographically and culturally central locations;
3. information, education, tech support, and user support from a corps of trained and computer-savvy people who are rooted in the local culture of the sectors they represent (education, libraries, women, employment, homeless, disabled, health, public safety, churches, community centers, media/culture and seniors); and
4. grounded in the past, present and future creativity of big broadband adopters, especially people in underserved areas and vulnerable populations themselves.

More specifically on the equipment, peripherals and software tools themselves, UC2B will rely on the following guidelines: [these guidelines may change with Parkland's recent connection to MezoLink]

1. Our strategy with equipment and peripherals includes enabling a comprehensive range of text and multimedia uses and operating systems, stable over more than several years. A computer starts to become obsolete once it is shipped from the manufacturer; this strategy is to combat that by investing in more computing power than typical packages offer.
2. Maintenance will rely on face-to-face reimaging as needed, supplemented by extended warranties and collaboration with local staff at the public computer centers. Anything else is not possible given the multiple LANs the centers run on, and face to face facilitates sharing news and ideas, solving problems, and building community.
3. File storage for individuals will be minimized because of the confusion and cost it can generate, but





external hard drives of all sizes will be encouraged and flash drives provided at cost. This will save a great deal of time and money, not only by saving filespace but also by minimizing authentication requirements and file archiving tasks.

4. Printing will be limited and, again, flashdrives will be plentiful. Printing has to be guided by local policies at each public computer center. In many instances, flash drives are actually an alternative to printing, and an opportunity for storage space but also big broadband outreach when branded with the UC2B logo.

5. UC2B community webspace traffic will be managed by combining UC2B resources with widely accepted commercial resources. For instance, the UC2B web server will serve the community listservs, podcasts, audio quicktime streams, blogs, static pages, and images, while people who wish to post video will be directed to Google Video, YouTube, and other such services, especially linked with UC2B "channels" at these sites.

These technology strategies and policies, and the updates that will be needed, will be part of UC2B staff training and evaluation. They will also be inserted into the curriculum and support offered to underserved areas and vulnerable populations through the entire network of public computer centers.

**Public Availability:** Will your facility be available to all members of the general public, or a specific population only? Please explain. If you charge membership dues or other fees for the population you are proposing to serve, please explain how these charges are consistent with the public interest. **This response is limited to 3,000 characters.**

The UC2B network of public computer centers across the underserved areas of the two cities will offer near-open availability of big-broadband-connected hardware and software. This is because it is a network that includes general access centers and advanced training facilities, as well as more limited access centers serving a specific vulnerable population. None of the public computer centers charge specifically for use of computers or broadband.

General comprehensive access: We will have direct participation from all three public library locations: the Champaign Public Library, Champaign's Douglass Branch Library, and the Urbana Free Library. In addition there will be three major community centers generally open to all members of the community: the Columbia Tech Center, the East Urbana Tech Center, and the Independent Media Center.

Limited public access: Some public computing opportunities are limited access to specific groups. This access is suited to the vulnerable populations they serve. The Developmental Services Center serves only disabled people of all types. The Don Moyer's Boys and Girls Club is open only to youth. The two women's centers are safe houses for women in distress and their children. The Youth Detention Center public computers are only for residents, the same for senior housing. The homeless facilities are open to the public, but are primarily used by residents of these respective facilities.







**Restrictions on Center Use:** If the use of your center(s) is restricted to certain purposes, please identify those and explain the reasons for the restrictions. **This response is limited to 1,500 characters.**

The main use restrictions of the UC2B public computing network will be specific to the rules of each host institution. Within the UC2B network all labs require the usual department in public spaces, but in every case privacy and freedom of use is also an important standard. In every case the viewing of pornography is discouraged, but no lab practices active surveillance unless someone in the area complains or there is danger that adult content will be exposed to children.

**Involvement of Community Colleges:** Please describe any involvement of a community college in this application. In particular, if the project will create a public computer center in a community college, please discuss whether this will deliver substantive benefits to the community college's core mission. **This response is limited to 1,500 characters.**

Parkland College is central to the UC2B PCC and SBA proposals. By partnering with others in the Champaign-Urbana community to assist in providing technology training at numerous Public Computer Centers in the community's most underserved areas, Parkland is assuming the responsibility for the majority of teaching and tech support. The training and assistance Parkland will provide is based on successful training models currently used at Parkland's PCC on Mattis Ave. The training will engage participants at multiple levels, from the very basic understanding of computer components and functionality to more advanced topics





in design and programming.

Parkland helps people adopt broadband into their lives, their jobs, and their family connections, in a way that is meaningful and sustainable. This grant will allow us to increase our existing staff of instructors and lab assistants, who will deliver this training in at least 10 locations in Urbana-Champaign. This added capacity will allow us to serve a population of 10,000 people (unduplicated), both adults and youth from our targeted neighborhoods and vulnerable populations.

**Additional Questions**

**Is the Applicant seeking a waiver of the Buy American provision pursuant to section X.Q. of the NOFA?**

Yes

No

If YES is selected, you are required to submit additional documentation.

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

Yes

No

If YES, provide your justification for delinquency. **This response is limited to 1,500 characters.**

[Insert Text Here]

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





**BROADBANDUSA**  
CONNECTING AMERICA'S COMMUNITIES

OMB Control No.: 0660-0031\*

Expiration Date: 07-31-2010

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Yes

No

If YES is selected, you are required to submit additional documentation.





## 8 Partners

<b>Partners</b>
Please indicate the following information.
<p>Are you partnering with any other key institutions, organizations, or other entities for this project?</p> <p style="padding-left: 40px;"><input checked="" type="checkbox"/> Yes</p> <p style="padding-left: 40px;"><input type="checkbox"/> No</p> <p>If YES, a letter of commitment from all key partner(s) will be required. Attach all letters of commitment to the end of the Application. Please make sure that each letter of commitment is labeled clearly.</p> <p>If YES, the Applicant must fill in the requested following information for each of its key partner(s) on the following pages.</p>
<p>Please provide a description of the involvement of the partners listed above in the project. If applicable, describe the roles of the project partners, including any contributions to funding, planning, implementing, managing, or operating the proposed network. Please clarify any potential benefits that the partners will receive from the project (e.g., free or discounted access to dark fiber). Also discuss the project's general approach to involving local communities in the project area. You will be asked to provide letters of commitment or support from key partners in the attachments section. <b>This response is limited to 6,000 characters.</b></p>
<p>The Urbana-Champaign Big Broadband (UC2B) Consortium is itself a collaboration of three public entities (the University of Illinois at Urbana-Champaign, the City of Urbana and the City of Champaign) that have approved an Intergovernmental Agreement to form the Consortium. The Consortium will manage the ongoing operations of the UC2B network with one of the three founding organizations always functioning as the lead agency. For the purposes of the BTOP grants, the lead agency is the University. Other key partners include Parkland College, the Champaign Public Library, the Urbana Free Library, the Independent Media Center, free and low-cost health clinics, U-C public schools, the Orpheum Children's Science Museum, the Don Moyer's Boys and Girls Club, the Urbana Neighborhood Connections Center, Salem Baptist Church, Muslim American Center, and Champaign County Housing Authority locations.</p> <p>Parkland College's district has a population of roughly 243,184 people and covers a significant geographic area including parts of 12 counties (Champaign, Douglas, Piatt, Ford, McLean, Livingston, Iroquois, Vermilion, Edgar, DeWitt, Coles, and Moultrie). While Parkland College's services and programs extend to all individuals within District 505, the PCC services concentrate on the areas of greatest need within Champaign-Urbana and the surrounding area where underserved populations have very little access to computer technology.</p>





<b>Partners</b>	
The Applicant must provide information on each partner, including contact information.	
Prefix:	
First Name:	
Middle Name:	
Last Name:	
Suffix:	
Title:	
Organization:	
Project Role: <input type="checkbox"/> Contractor <input type="checkbox"/> Sub-recipient <input type="checkbox"/> Third party in-kind contributor <input type="checkbox"/> Other	
Address 1:	
Address 2:	
Address 3:	
State/Province:	





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Zip/Postal Code: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Region: <input checked="" type="checkbox"/> No	
Country:	
Does the organization(s) meet the definition of a socially and economically disadvantaged small business concern? Phone (Business): _____ Extension: _____	
E-mail (Business): <input checked="" type="checkbox"/> No	
Organization:	
<input type="checkbox"/> State or State Agency <input type="checkbox"/> County Government <input type="checkbox"/> City or Township Government <input type="checkbox"/> District of Columbia <input type="checkbox"/> US Territory <input type="checkbox"/> Indian Tribe <input type="checkbox"/> Non-profit Corporation <input type="checkbox"/> Non-profit Foundation <input type="checkbox"/> Non-profit Institution <input type="checkbox"/> Non-profit Association <input type="checkbox"/> Cooperative or Mutual <input type="checkbox"/> Native Hawaiian Organization <input type="checkbox"/> For-profit Entity <input type="checkbox"/> Other	
Is your key partner(s) a small business? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Does the organization(s) meet the definition of a socially and economically disadvantaged small business concern? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	





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## 9 Congressional Districts

<b>Congressional Districts</b>
<p>The Applicant is required to provide the Congressional District of the location of its headquarters. Next, the Applicant should list the appropriate states of the Project Service Areas by indicating the state name. The Applicant should also indicate the relevant Congressional District(s) in which the project will provide service. Additional guidance on Congressional Districts may be found at <a href="http://www.nationalatlas.gov/printable/congress.html">http://www.nationalatlas.gov/printable/congress.html</a> with maps of each Congressional District.</p>
<p>Illinois 15</p> <p>Applicant Headquarters:</p> <p>Project Service State(s):</p> <p>Project Service Area(s) Congressional District(s):</p> <p>Will any portion of your proposed project serve federally recognized tribal entities? Please answer Yes or No.</p> <p style="padding-left: 40px;"><input type="checkbox"/> Yes</p> <p style="padding-left: 40px;"><input checked="" type="checkbox"/> No</p> <p>If YES, indicate each federally recognized tribal entity your proposed project would serve. Please refer to the list of Tribal Entities in Section 18: Additional Information, of this application to determine the name of each federally recognized tribal entity your proposed project would serve. Please indicate <b>which</b> state the tribal entity is located in.</p> <p>Tribal Entity:</p> <p>State:</p> <p>Have you consulted with each of the federally recognized tribal entities listed above?</p> <p style="padding-left: 40px;"><input type="checkbox"/> Yes</p> <p style="padding-left: 40px;"><input type="checkbox"/> No</p>







# BROADBANDUSA

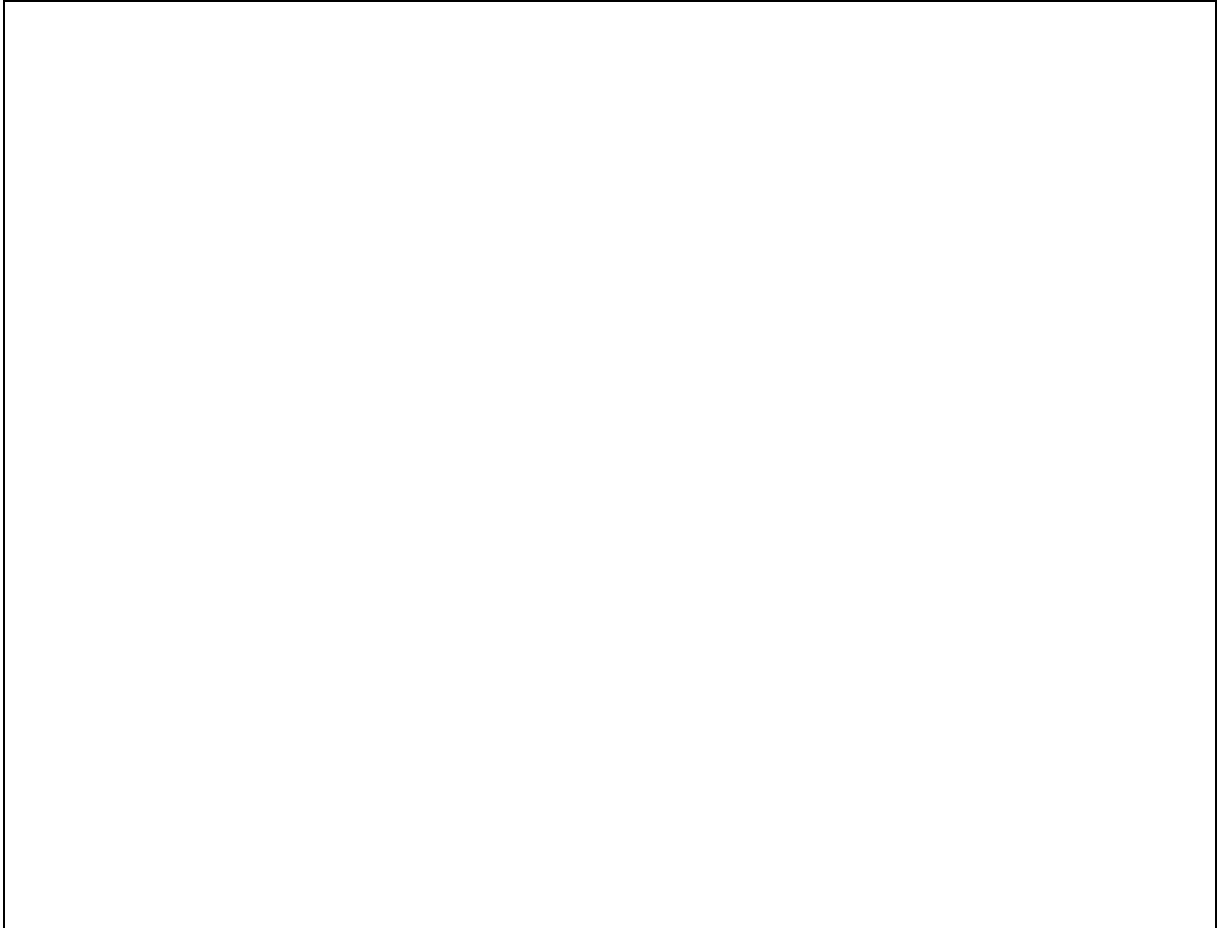
CONNECTING AMERICA'S COMMUNITIES

OMB Control No.: 0660-0031\*

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## 10 Demographics

<b>Demographics</b>	
Please indicate the following information.	
Will your proposed project be specifically directed to serve vulnerable population groups?	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If YES, then which vulnerable population groups will your proposed project serve? Check as many as apply:	
<input checked="" type="checkbox"/> Hispanic <input checked="" type="checkbox"/> Black/African-American <input type="checkbox"/> Asian <input type="checkbox"/> Native American or Native Alaskan <input type="checkbox"/> Native Hawaiian or Pacific Islander <input type="checkbox"/> English as Second Language (ESL) <input type="checkbox"/> Disabled <input checked="" type="checkbox"/> Low Income <input checked="" type="checkbox"/> Unemployed <input type="checkbox"/> Senior Citizen (55 and over) <input checked="" type="checkbox"/> Youth <input type="checkbox"/> Other	
	If Other, please explain:
<b>Vulnerable Populations</b>	
<b>Vulnerable Populations:</b> Please describe the specific affirmative steps that your program will take to engage and serve each specified vulnerable population checked on the "Demographics" page. <b>This response is limited to 3,000 characters.</b>	
This answer is still incomplete:	
<u>Low-Income</u> Unemployment and poverty are correlated, as stressed by the Heartland Alliance Mid-America Institute on Poverty. Further, quality and equitable education is a foundation for economic mobility. As the Heartland Alliance report, <i>Poverty Elimination Strategies that Work</i> , indicates, addressing poverty "will require significant investments and partnerships."	





<http://www.heartlandalliance.org/research/data/champaigncounty07.pdf>) UC2B, together with Parkland College and other key partners, proposes to address low-income populations by supporting workforce development for adults, and access to excellent education for youth and their families, strengthened by parent engagement via PCCs. By 2008, one in five Champaign County residents lived below the federal poverty level, according to 2008 Census Bureau estimates. 32,601 people live below the poverty line, a poverty rate of 18.8%. What's more, the number of county residents living in extreme poverty--those who make less than half of the federal poverty line--increased 40 percent between 2005 and 2008, according to Census Bureau estimates. In 2005, slightly more than 15,200 Champaign County residents lived in extreme poverty. Extreme poverty, living on an annual income of less than half the poverty line, affects 17,420 people in Champaign County, according to the U.S. Census Bureau, an extreme poverty rate of 10.0%. Children are particularly vulnerable to poverty. 7,032 children live below the poverty line in Champaign County, a child poverty rate of 18.7%.

An additional 17.4%, are at risk of falling into poverty. These individuals, often called low income, have family incomes that fall between the official poverty line and twice the poverty line. This leaves them dangerously close to the edge, where just one event, such as an illness or job loss, can push them into poverty.

Sources: [www.cucitizenaccess.org](http://www.cucitizenaccess.org);

This data is derived from the U.S. Census Bureau's American Community Survey and from the 2000 Decennial Census. The American Community Survey recently released data on 2007 income and poverty, which is the most current data available, for geographies with populations over 65,000.

For more information on the American Community Survey, visit [www.census.gov/acs/www/](http://www.census.gov/acs/www/). Now, as the area deals with the effects of an economic recession, the demand for computer training continues to grow.

#### Unemployed

The unemployment rate in Champaign-Urbana for December 2009 was 8.5% for a total of 10,600 people unemployed. (From Bureau of Labor Statistics

[http://www.bls.gov/eag/eag.il\\_champaign\\_msa.htm](http://www.bls.gov/eag/eag.il_champaign_msa.htm))

Parkland College has had strong success bridging the digital divide by using a semi-formal approach to its training curriculum. In the past year, Parkland has provided general support with email, online job applications and computer use to over 1,000 unemployed adults on a walk-in basis at the Workforce Development Center. After this initial informal support, we invite everyone to fill out a 1-page survey to assess their needs and we invite them to join a Beginner or Intermediate semi-formal class one or two nights a week at no cost. Students can take a proficiency exam to receive Parkland College credit for what they have learned in this semi-formal setting. After students regularly attend the class, we also help them consider whether to register for formal college classes in Computers/IT or another field, pursue a GED, or take advantage of other job training and workforce development resources.





<b>Accessibility</b>
<b>Accessibility:</b> Please describe the ways in which your center(s) will be accessible and welcoming to people with disabilities and which technologies will be used ( <i>i.e.</i> , software, adaptive technologies). <b>This response is limited to 3,000 characters.</b>
<p>UC2B's open, accessible network philosophy includes accessibility for people with disabilities. We will work to make the full scope of information technology engagement available to all of our residents. Our team has expertise with every aspect of accessibility, from building computer technology center facilities that can be used by people with wheelchairs to providing helpdesk, software, and training services to enable people with vision, hearing, or motor impairments to use computers effectively. The University of Illinois was one of the first wheelchair-accessible campuses in the nation decades ago, and today is a national leader in accessible web and software technology. That commitment extends to UC2B.</p> <p>The mission of the Developmental Services Center in Champaign is to “enhance the lives of individuals with disabilities by providing services and supports which enable them to live, work, learn, and participate in their communities.” It serves 1,400 individuals each year in Champaign and Ford counties. Its public computer center is just part of its larger program, and it has special equipment—hardware and software—for their clientele. They specialize in the area of accessibility and will be able to advise UC2B regarding this special needs population.</p> <p>Most of the public computer centers have been involved at some stage in receiving public funding and have been required to meet standards for handicapped accessibility. In general we will have no center in the network that is not accessible to the disabled.</p> <p>While the buildings are accessible, over time we will have to make sure that other aspects of the public computer spaces can be fully useable as well. For people in wheelchairs we will have to make sure that they can get access, and that the tables or desks do not prevent them from getting as close as they need to for computing. If there are residents and users of the labs who have other special needs we will have to work with their specific PCC in order to work out a reasonable solution.</p>





<b>Other Languages</b>
<b>Question on Other Languages:</b> Please describe the multilingual training and outreach being offered and which languages it will be in. <b>This response is limited to 3,000 characters.</b>
One of the cybernavigators will specifically work with the Hispanic population, both as an outreach worker and coordinator of Spanish-language materials. MORE
<b>Outreach</b>
<b>Outreach:</b> Please describe your outreach strategy to ensure usage of services and equipment provided in your program proposal, and why you have chosen this strategy. <b>This response is limited to 3,000 characters.</b>
<p>Business and industry in the Champaign-Urbana area demand above-average computer competency and/or IT skills for their workforce. At the same time, more individuals are investigating technology as an alternative to the traditional job placement opportunities for individuals looking to make a fresh start. Parkland College has responded to these trends by assisting individuals in the community seeking or requiring services, training, and job placement.</p> <p>The programs offered at Parkland College's PCC positively impact the community by providing services to numerous individuals each year. The PCC further empowers our community by allowing individuals to quickly strengthen their technical skills to be able to compete in today's technical society. With assistance from Parkland's Department of Adult Education we provide GED training for adjudicated youth, out-of-school youth, and ex-offenders, to allow them timely alternatives to low-wage jobs or community service work. Additionally, we target individuals who are currently employed in low-wage jobs who want to improve their skills to achieve higher paying positions.</p> <p>The PCC on Mattis is located near Parkland's main campus and lies on a major bus route that provides easy access for participants at multiple locations around the community including middle schools, high schools, and the University of Illinois campus.</p> <p>Our marketing strategy focuses on attracting individuals who qualify as residents of low-income communities</p>





<p>and need access to computers, basic computer skills, GED preparation, after-school literacy programming, and training for job-related computer tasks. Marketing communication and promotional efforts include public service announcement (PSAs) on television and radio broadcasts; PSA posters in the Champaign-Urbana Mass Transit District (MTD) buses; promotional posters, cards, and/or brochures for distribution at agencies and businesses serving or located near our target populations; and community meetings and assemblies. Internet and web communication will also be used to promote the PCC and programs to the community-at-large as well as targeted populations that have access to the Internet.</p>	
<p>How many total users do you expect to generate through the use of BTOP funds at your public computer center(s)?</p>	<p>60,000</p>
<p><b>Training and Education</b></p>	
<p><b>Peripherals and Equipment:</b> Please describe the specific types of personal computing peripherals and/or broadband equipment that you intend to provide for each workstation. <b>This response is limited to 1,500 characters.</b></p>	
<p> </p>	





<p><b>Workstation Software:</b> Please describe the type of software that you intend to provide on each workstation. <b>This response is limited to 1,500 characters.</b></p>
<p>Keyboarding Pro 4 software will help students develop fundamental skills in the use of a computer keyboard. MS Office Suite</p> <p>Digital media applications, including but not limited to Dreamweaver, Game Maker, Flash, and AfterEffects.</p>
<p><b>Training and Education Programs:</b> Please describe your primary training and educational programs, including curricula, student certification programs, and number of instructors and their qualifications. Explain how these programs respond to the needs within your community, and detail any lessons learned from prior experience. <b>This response is limited to 6,000 characters.</b></p>
<p><b>need to address number of instructors and their qualifications</b></p> <p>Individuals from the community have the option to receive either general support or structured training at participating PCCs. <b>General Support</b> – This support is provided to any individual who requires assistance with general computer/technology issues such as sending emails, filling out job applications, or registering for online for services.</p> <p>Those participants who are interested in receiving structured training (beyond general support) at a PCC are separated into three cohorts based upon their familiarity and skill with computers and general technology (basic, intermediate, and advanced). Participants will be assigned into groups of 10-17 students to enroll in a one-year technology training program implemented by using a range of instruction approaches, appropriate to the population being served, at each of the three skill levels.</p> <ul style="list-style-type: none"><li>• <b>Basic Level</b> – Participants who have very little knowledge of computers and technology and simply need a core curriculum in order to bring them up to speed with “everyday” technological functions.<ul style="list-style-type: none"><li>o The introductory cohort has core training classes over 16 weeks including keyboarding,</li></ul></li></ul>





MS Office applications, knowledge of the Internet, DigitalMedia topics, and PC maintenance at casual user level.

- **Intermediate Level** – Participants who already have some skills but are interested in expanding their knowledge and learning more advanced, or new, skills. Individuals who successfully complete the core curriculum would be included in this category.

- o For those students completing the core training classes, or students entering with intermediate skills, special topics are offered in multiple IT tracks: hardware/A+ certification, digital media/game design/animation or another specified field that fits within the PCC's capabilities. Additionally, we provide a combination of official lecture/lab sessions as well as demonstrations of certain technological topics through our guest speakers.

- **Advanced Level** – Participants who have already developed specific computer skills and are now looking to use these skills in a pragmatic fashion by entering the workforce or an institution of higher education. Participants who successfully complete training at the intermediate level would be included in this category.

- At the advanced level participants are provided further group training in specified fields of their choice which fit within the PCCs capabilities. The result of this training may lead to A+ certification, job-shadowing opportunities, or Parkland College credit through proficiency exams.

Classes will be instructor led as well as classroom delivered, and will include hands-on activities, individual and group projects, workbooks, online materials, and Internet-based projects. Some distance learning methods, including online workshops through ANGEL (Parkland's online course delivery system), are considered for participants who are not physically able to attend classes at PCC locations. Additionally, all participants who take part in organized training sessions may be eligible to receive free software through Microsoft's Academic Alliance program.

Our experience from past years indicates that there is a large underserved population in the Champaign-Urbana area which has a very limited understanding of computer technology (more than 50% of last year's participants were at this level) and thus demand the basic level of training. Therefore, our core instruction is the primary focus of our training efforts and will contain many introductory topics focused on bringing each group up to speed concerning the basics of computer technology. The planned result of this training is to provide a path for each participant to take once they have completed their training at a PCC. One path is to use the knowledge that has been gained through the training programs to apply for a job and enter the workforce. The other major pathway involves entering an institution of higher education, whether at Parkland or any other institution of their choice.

#### **Training Materials:**

All computer instruction and training utilizes curriculum, software, and/or textbooks developed and/or currently used by faculty of the Computer Science/Information Technology department at Parkland College. Participants receive instruction and training in the following areas:







- **Keyboarding** - Textbook: College Keyboarding Lessons 1-25 (Van Huss).
- **MS Office Applications** – Introduction to computer operation and software use, computer terminology, and hardware and software fundamentals; introduction to word processing, electronic spreadsheets, databases, Internet, and other practical applications. Students operate microcomputer and software packages.
  - o Textbook: Go! With Microsoft Office 2007 Introductory, Third Edition by Gaskin, Ferrett, Vargass, McLellan (Pearson) and Technology In Action (custom edition for Parkland College).
- **Basic PC Maintenance/Operating Systems** – Maran Illustrated Windows XP Operating Systems Introduction to microcomputer operating systems, file management, disk organization, memory resource management, system configuration, and disk maintenance. Objectives include preparing students for some of the topics in CompTIA A+ certification exam.
  - o Textbooks: Illustrated Windows XP and Vista (Maran), Maran Illustrated MS Windows XP 101 Hot Tips (Maran),
- **Emerging Technology**: New pc form factor, wireless tech, cloud computing, display technology, fiber, 3d optical drives, and nano-technology.
- **Digital Media Applications** – Students will develop skills in one or more digital media applications, including but not limited to, CSS coding, HTML, Dreamweaver, Game Maker, Flash, and AfterEffects.
- **A+ Certification practice and drilling** – This will prepare students for the CompTIA A+ Certification exam. A+ Certification offers a competitive advantage when applying for entry-level employment in computer support. Students who pass the A+ Certification exam are also eligible to earn 6 hours of Parkland College credit (CIS 137, CSC 133).
- **Information Technology (IT) Job-Shadow** – Successful completers of advanced curriculum may participate in a 40-hour, IT-related job-shadow experience with a local business or organization which has partnered with Parkland through this grant.
- **Proficiency Exams** – Qualified students will have the option to take proficiency exams that could result in up to 8 hours of Parkland College credit (PCC 130, 132, and CIS 101, 137).





<b>Question:</b> If you are providing educational or training programs, how many people in total will these programs reach on an annual basis?	
<b>Question:</b> How many hours of training will be provided to each participant?	Variable depending on participant, generally from 12 hours to 100 hours.
<b>Question:</b> How many Full Time Employee (FTE) instructors or facilitators will you employ for these courses?	5





## 11 Project Budget

<b>Project Budget</b>	
Please complete estimated funding information for the project according to the following categories:	
a. Federal Grant Request \$	PCC \$1,080,648 SBA \$1,723,283
b. Total Match Amount \$	PCC \$ 821,689 SBA \$646,512
c. Total Budget \$	PCC \$1,902,337 SBA \$2,384,795
Match Percent %	PCC 43.19% SBA 27.11%
<b>Projects Outside the Recommended Funding Range:</b> If this total project budget is above or below the project size range recommended in the NOFA (\$500,000-\$15 million), please provide a reasoned explanation for this variance from the recommended range. <b>This response is limited to 1,500 characters.</b>	
[Insert Text Here]	





<p><b>Sustainability:</b> Explain how your project will enable your centers to sustain themselves, providing ongoing services and maintaining community support beyond the scope of this grant. <b>This response is limited to 3,000 characters.</b></p>
<p>UC2B's PCC proposal is intertwined with our SBA proposal. Both rely on strategies such as training the trainers, creating a pipeline for those least skilled to gain competencies, access, and confidence. By hiring local people who have already been promoting community building, we believe that these committed individuals will continue to find ways to continue their work after the stimulus money is gone. By strengthening their social and business networks over the next three years, these bonds will support these efforts in new ways, through start-up businesses and increased connectivity beyond U-C.</p> <p>The UC2B partners will be using this grant to add community capacity that will be sustained on an on-going basis beyond the funding period. All 21 Public Computing Centers funded by this project will continue operating after the 3-year term of the grant. We have planned for on-going periodic replacement and upgrades of workstations as well as day-to-day maintenance and operations.</p> <p>Of the 21 locations, 10 will be operated after the grant by Parkland College. Parkland has committed to including these lab locations in their operational budget and keeping them open to the public as part of the Parkland College lab system. Three additional labs are located in public libraries. The libraries already operate extensive labs with hundreds of thousands of users annually. The libraries will continue to operate with the expanded capacity enabled by renovations and expansions as part of this grant.</p> <p>The remaining 8 PCC locations are in public schools, churches, and non-profit organizations who have the organizational capacity to continue operating the public computing centers.</p> <p>The sustainability of the training curriculum is also key to ensuring the long-term availability of broadband access and education. Our semi-formal training approach allows graduates of the training to become lab and teaching assistants for subsequent waves of students. At Parkland College, students have a public service requirement which students can meet by serving as lab monitors and assistants in labs targeted for vulnerable populations.</p> <p>Three years is a short period of time to make meaningful change. That's why this proposal targets resources to build sustainable capacity in our community. The public computer center institutions and resources that this grant allows us to build will be in place as long as there is a digital divide in our region.</p>





<b>Outside Leverage</b>
<p><b>Applicant is providing matching funds of at least 20% towards the total eligible project costs.</b></p> <p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No, applying for a waiver</p> <p><b>If NO is selected, you are required to submit additional documentation.</b></p> <p><b>Describing Matching Contributions:</b> Please provide a detailed account of all matching costs for this project. For cash matches, provide: a) the name of the party providing the match, b) the funding amount (and percentage of the total budget it represents), c) the type of funding (e.g., grant match, equity, debt, internal, other), d) the use of the funding, and e) any key financing terms and conditions. For in-kind matches, provide: a) the name of the party providing the match, b) the match value (and percentage of the total budget it represents), c) the nature of the in-kind contribution, d) an explanation of how the contribution qualifies as an eligible cost under BTOP eligible cost rules, and e) if the contributor is not the Applicant, a description of any benefits the contributor will derive from the project (e.g., free or discounted access to the network). <b>This response is limited to 6,000 characters.</b></p> <p>In Kind: UFL Volunteers \$9741 (not yet included in budget; \$15/hr for 12hrs/wk); Parkland volunteers</p> <p>Cash Match: proposal development (Irish, Bievenue, Adams, and Parkland staff, percentage of salaries);</p> <p>Hip Hop Trailer (OVCPE funds) \$15K</p> <p>FabLab on campus (provost funds) \$50K percentage?</p> <p>DCEO Digital Divide Grant, Parkland, Percentage/amount?</p> <p>DCEO Digital Divide Grant, Prairienet, \$15,572</p> <p>Champaign Public Library Capital Fund \$100K</p> <p>Don Moyer's Boys and Girls Club: \$10,000 feasibility study</p> <p><b>State funds?</b></p>





**Unjust Enrichment:** Please state whether this project is receiving or if you have applied for any federal support for non-recurring costs in the area for which you are seeking an award. If so, please state how much and from which federal program. **This response is limited to 3,000 characters.**

We are not receiving nor have we requested any federal support for nonrecurring costs associated with any of the UC2B proposals.

**Disclosure of Federal and/or State Funding Sources:** Please disclose the source and amount of other federal or state funding received or requested for activities or projects to which this project relates. Please specify all Universal Service Fund (USF) funding delineated by specific program. **This response is limited to 3,000 characters.**

\$50 million of the 2009 Illinois Capital Bill has been reserved for grants to help with stimulus-funded broadband project match dollars. The UC2B proposal hopes to receive state funds, applied to bondable expenditures.

**Budget Narrative**

**Budget Narrative:** Please provide a narrative that explains the project budget (as proposed on SF-424 A and/or SF-424 C) and spending plan (timeline) in sufficient detail for reviewers to determine whether the expenditures are necessary and appropriate to the solution you are proposing. **This response is limited to 3,000 characters.**

**Personnel**

PCC

Following the proposal development and upon receipt of funding, Sharon Irish, who is on staff at the University of Illinois, will serve as liaison between the UI and the UC2B PCC project for three years. A quarter-time graduate assistant will provide project support for the first year, paid by local matching funds of \$4400.

SBA

The Sustainable Broadband Adoption Director, to be paid \$70,000 a year for three years will coordinate the





UC2B project, ensuring that reporting and assessments are completed in accurate, timely and productive fashion. An administrative assistant, paid \$35,000 per year, will support the work of the director. There will be three FTE outreach workers funded by the federal request over three years (\$45,000/outreach worker/year for a total of \$405,000.) These staff members will plan promotions, workshops and propose innovative ways to engage people with broadband in health, education, and entrepreneurship.

In addition to the SBA director, Sharon Irish, on staff at the University of Illinois, will work closely with the project staff to coordinate administrative tasks. Ann Bishop, associate professor at the Graduate School of Library and Information Science at the U of I, will have 10% of her salary matched for two years to facilitate relationships between the university and community groups, matching student interests with community needs, for example. Lisa Bievenue's salary has been matched for the purposes of proposal development.

Two half-time graduate students from the University of Illinois will be paid by the grant to contribute IT services, such as developing web portals, and to assist in community-university relationship-building.

Most of the personnel in the PCC-SBA proposals are integrated within already operating organizations or centers, itemized below. Fringe benefits, when provided, are calculated according to agreed-upon formulas.

**Participant Costs (PCC)**

\$2500 over the three-year grant period will cover costs for PCC workshops with community participants.

**Travel (SBA)**

\$5000 over three years will enable staff to attend relevant conferences or workshops to share and learn best practices.

**Materials and Supplies/Equipment**

\$10,000 over three years will cover office supplies for the project and PCCs; \$6000 will support the materials for the SBA portion of the grant.

At Columbia Center and a community center in east Urbana, two new PCCs in targeted areas, the grant will fund recording studio software (\$18,980) for two workstations, one at each site. Further \$82,914 of equipment (\$71,742 federal request/\$11,172 local match) for two recording studios—one at each site—will be provided by the grant.

At the three co-located free health clinics, \$10,000 will provide accessible workstations. (PCC)

\$50,000 for ten (10) social entrepreneurship awards will be distributed over the course of three years, coordinated by the outreach cybernavigator in charge of small business incubation. (SBA)

**Subawards**

Urbana Free Library (PCC)





The grant will provide \$42,000 of funding for 30 laptops and software at Urbana Free Library.

Champaign Public Library and Champaign Douglass Branch Library (PCC)

The grant will provide \$152,528 in federal funds for computer equipment and furniture (laptops, carts, printers.) Four part-time library technical assistants will staff expanded computer facilities. Two staff will be based at the main library and two at Douglass Branch (18 hours/week at \$18.89/hour for total of \$70,728; no fringe benefits.)

The Champaign Public Library has \$100,000 in a capital fund to match an expansion of Douglass Branch Library. Another \$50,000 from the state of Illinois is requested to complete this renovation: construction and design services, electrical work, removal of a wall and a single-user restroom.

Parkland (723,340) PCC

Within Parkland College's subaward the *personnel* will be: a full-time director of education who will be paid \$60,000 per year and oversee the training delivered at ten (10) PCCs. This director will provide support, training, mentoring, curriculum delivery, train the trainer, curriculum development, and management. A part-time assistant education director will be paid \$25,000 and provide support, training, mentoring, curriculum delivery, train the trainer, curriculum development, and management to eight (8) sites. A part-time secretary will maintain an office and paper work for all 18 sites for \$30,000 per year. Part-time teachers (variable number) will be paid \$20/hour for 60 hours of teaching per week at all levels of the curriculum, offered at various PCCs. Lab assistants (variable number) will cover 106 hours of help per week at sites for \$10/hour, assisting with first tier of curriculum and helping with transition into the higher tiers.

121 *desktop PCs* will be purchased for 10 sites for a total of \$72,600, along with software licenses for \$7,260. *Equipment* for the two centers that have no infrastructure will cost \$4,000. *Technology support* will be provided by Mezolink, Inc., through Parkland, to all 18 sites for \$30,000 per year.

Wireless Contract (\$150K; \$100K local) PCC

State match for \$50,000 bondable expenses; with local match of \$100,000, to provide extended service out from Anchor Institutions.

Columbia Center Renovation (PCC)

The Columbia PC Center is a former school that the Champaign School District wants to repurpose as a community technology center. \$150,000 in state matching funds is requested to add to \$50,000 in local matching funds to renovate 2000 square feet of this facility. These funds would cover design and engineering services, construction management, electrical work, installation of new walls, sound-proofing and interior finishes.

East Urbana Community Center Renovation (PCC)

The East Urbana Community Center would provide a cyberlounge for youth and families. \$190,000 in state







matching funds is requested to add to \$100,000 in local matching funds to renovate 2000 square feet of this facility. These funds would cover design and engineering services, construction management, electrical work, installation of new walls, sound-proofing furnishings and interior finishes.

Cities of Urbana and Champaign (SBA)

Cybernavigators are mobile community workers who will support broadband adoption in a variety of ways, from one-on-one assistance to providing workshops or specialized trainings. They will be funded by the federal request over three years (\$45,000/cybernavigator/year for a total of \$405,000.) The part-time Cybernavigators Coordinator will earn \$100,000 over three years, paid by local match. The Cybernavigator program will be situated in the Neighborhood Services Departments of both Urbana and Champaign, with the staff integrated into the cities.

Avicenna Community Health Center (SBA)

\$33,130 in federal funding will provide instruction to clinic users in health and wellness information access, including 6 public access computers, and imaging software and equipment to facilitate better capture and sharing of medical information and referral.

Frances Nelson Health Center (SBA)

\$31,394 in federal funding will facilitate broadband usage among FNHC users, including 10 public access computers

**Other**

Printing costs for publicity and communication will cost \$7500 over three years for the PCC portion of the grant; \$15,000 in printing will provide materials over three years for the SBA portion.

Tuition remission for one year for one part-time graduate student will cost \$2464, paid by local matching funds, for the PCC portion. Tuition remission for two graduate assistants for three years (\$67,200) will be paid by federal funds.





<b>Budget Reasonableness:</b> Concisely and convincingly explain why the unit price and total number of units required for this project are reasonable to deliver your proposed services in the designated proposed funded service areas. Provide any relevant data and summaries of your analysis (e.g., industry benchmarks around units required per institutions served, etc.). <b>This response is limited to 3,000 characters.</b>
[Insert Text Here]
<b>Demonstration of Need:</b> Provide documentation that the project would not have been implemented during the grant period without federal grant assistance. This documentation may consist of, but is not limited to, such items as a denial of funding from a public or private lending institution, denial of a funding request from a foundation or other organization, or a current fiscal year budget that shows the lack of available revenue option for funding the project. <b>This response is limited to 3,000 characters.</b>
[Insert Text Here]
<b>Funds to States/Territories</b>





Please provide a breakdown of the federal funding request for each state or territory included in the proposed project service area. The total across all states and territories should equal the total federal grant request.

STATE	Funds
All Illinois	

**TOTAL \$**





## 12 Historical Financials

<b>Historical Financials</b>			
Applicants are required to identify Historical Financials for 2007, 2008, and 2009 for the following categories:			
	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Revenues</b>			
<b>Expenditures</b>			
<b>Net Assets</b>			
<b>Change in Net Assets from Prior Year</b>			
<b>Bond Rating (if applicable)</b>			





## 13 PCC Summary

<b>PCC Summary</b>	
<b>Jobs</b>	
Please provide estimates of the number of job-years created by this program. Refer to the Council of Economic Advisor's guide to job creation estimates <a href="http://www.whitehouse.gov/administration/eop/cea/Estimate-of-job-creation">http://www.whitehouse.gov/administration/eop/cea/Estimate-of-job-creation</a> for definitions and background. You may deviate from the guidance for job creation estimates provided therein if you have sound reason to believe that you can provide a more accurate estimate of job creation by another methodology.	
How many direct jobs-years will be created from this project?	25? (50 jobs created, but not all full-time)
How many indirect jobs will be created from this project?	80
How many jobs will be induced from this project?	
<b>Methodology:</b> Describe the methodology used to estimate jobs. <b>This response is limited to 1,500 characters.</b>	
[Insert Text Here]	





<b>Public Computer Centers Capacity</b>	
List the number of public computing centers in each of the appropriate categories to complete a total number of proposed public computing centers.	
<b>Proposed Number of Public Computer Centers</b>	
Schools (K-12)	4
Libraries	3
Medical and Healthcare Providers	2
Public Safety Entities	1
Community Colleges	1
Public Housing	1
Other Institutions of Higher Education	0
Other Community Support Organization	14
Other Government Facilities	1 (CPD Bresnan Center)
<b>Total Proposed Public Computer Centers:</b>	10 public training sites; about 17 targeted access sites
<b>Current # of Persons in Service Area:</b>	Champaign Co: 193,636 (Champaign 75,254; Urbana 38,725)
<b>Minority Serving Institutions</b>	
<b>Minority Serving Institutions</b>	
Historically Black Colleges and Universities	
Tribal Colleges and Universities	
Alaska Native Serving Institutions	
Hispanic Serving Institutions	
Native Hawaiian Serving Institutions	
<b>Total Minority Serving Institutions:</b>	0





<b>Weekly Usage Summary</b>	
In each question, identify the amount of current and proposed persons to be served. If the Applicant does not have an answer for a particular category, enter "0" in the box.	
<b>Weekly Usage Summary</b>	
Total Current # of Persons Served per 120-hour Business Week	
Total Proposed # of Persons Served per 120-hour Business Week	
Total Current # of Persons Served per 48-hour Weekend	
Total Proposed # of Persons Served per 48-hour Weekend	
<b>Outreach Initiatives</b>	
In each question, identify the amount of current and proposed persons to be served. If the Applicant does not have an answer for a particular category, enter "0" in the box.	
<b>Weekly Usage Summary</b>	
Total Current # of Persons Served per 120-hour Business Week	
Total Proposed # of Persons Served per 120-hour Business Week	
Total Current # of Persons Served per 48-hour Weekend	
Total Proposed # of Persons Served per 48-hour Weekend	
<b>Broadband Workstation Summary</b>	
Identify the total number of current workstations, and the average broadband speed for the public computing centers included in the grant application. The Applicant should also identify, to the extent practical, the expected changes in the number of workstations and facility broadband speed that	





would occur if the Applicant's proposal receives funding.	
<b>Broadband Workstation Summary</b>	
Number of Current Workstations proposed to be upgraded	
Total Current # of Broadband Workstations	
Total Proposed # of Broadband Workstations	
Average Current Facility Broadband Connection Speed	<b>Mbps</b>
Average Proposed Facility Broadband Connection Speed	<b>Mbps</b>







## 14 Project Readiness

<b>Project Readiness</b>
Applicants are <b>REQUIRED</b> to answer the following questions.
<b>Licenses and Regulatory Approvals:</b> If applicable, please list any local, state or federal licenses and regulatory approvals required to complete the project, and indicate the status of each. <b>This response is limited to 1,500 characters.</b>
Construction permits, licenses and/or leases for wireless
<b>Organizational Readiness:</b> Please describe key factors that demonstrate your organization will be prepared to implement, operate, and sustain your project using federal funds. Include past experience in managing projects of comparable size and complexity. <b>This response is limited to 3,000 characters.</b>
<p>Urbana, Parkland and CII track records</p> <p>Parkland College has been delivering computer literacy training for XX years. The lead agency for the Urbana-Champaign Big Broadband (UC2B) Consortium will be the University of Illinois at Urbana-Champaign. The Community Informatics program at the University of Illinois Graduate School of Library and Information Science has existed in some version since 1994, when faculty founded Prairienet and carried out other work detailed elsewhere in this application. This experience is supplemented by a strong local tradition of autonomous community technology/media initiatives. Champaign-Urbana Community Wireless Network is a world-renowned coalition of wireless developers and volunteers providing low-cost, do-it-yourself, community-controlled alternatives to contemporary broadband models. The Urbana Champaign Independent Media Center, one of the 12 public computer centers, operates a community radio station, performance space, media production and training facility, art gallery, and artist spaces.</p> <p>Readiness comes from the UC2B application being part of ongoing local activities. On-campus activity has united with a formal governmental process in the Broadband Access Committee, part of the two cities' Telecommunications Commission. Our community has highly skilled folks already working on this important historical transformation; they have joined forces to make UC2B hit the ground running.</p>





<p><b>Project Timeline and Challenges:</b> Please provide a detailed implementation plan on a quarterly basis that shows the phases of the project and establishes key milestones. Include such activities as construction, staffing and hiring, resource development, staff training, equipment purchases, and installation. Also, include a description of key challenges or risks to the timely completion of the project, including any mitigation plans to address those risks. <b>This response is limited to 3,000 characters.</b></p>
<p>September 2010: Grant Awarded</p> <p>Oct - Dec 2010:</p> <ul style="list-style-type: none"><li>* PCC Stakeholder Committee and UC2B Policy Committee begin overseeing this project</li><li>* Final construction/renovation specifications are prepared for bidding</li><li>* First round of workstations and equipment purchases are made (for PCCs that don't require construction or fiber-optic Internet connectivity first)</li></ul> <p>Jan - Mar 2011:</p> <ul style="list-style-type: none"><li>* Conduct hiring for additional lab monitors, assistants and instructors</li><li>* Construction bids are awarded and vendors are contracted</li><li>* Five PCCs open with the expanded hours and equipment</li></ul> <p>Apr - Jun 2011:</p> <ul style="list-style-type: none"><li>* Second round of workstation and equipment purchases are made</li><li>* Construction is underway for PCC expansion</li><li>* Conduct training for new PCC staff</li></ul>





Jul - Sept 2011:

- \* UC2B below-ground fiber provides Internet to remaining 12 PCC locations
- \* Final round of workstations and equipment purchases are made
- \* Twenty PCCs are open with expanded hours and equipment
- \* Beginning level classes available at all adult training locations
- \* 100,000 additional users have been served in project's first 12 months

Oct - Dec 2011:

- \* Hiring for all locations is complete
- \* Construction is completed for PCC expansion
- \* All 22 PCCs are open at full proposed capacity
- \* First round of graduates complete beginning classes

Jan - Mar 2012:

- \* Stakeholder Committee and Policy Committee focus on outreach and marketing to vulnerable populations
- \* Beginning and Intermediate/Advanced classes available at all adult training locations

Apr - Jun 2012:

- \* First round of graduates from all adult training locations finish beginner and intermediate classes

Jul - Sept 2012:

- \* 200,000 additional users have been served in project's first 24 months

Oct - Dec 2012:

- \* Stakeholder Committee and Policy Committee focus on financial shift the the sustainable phase after grant funding
- \* Fall beginner and intermediate classes are held





Jan - Mar 2013:

\*

Apr - Jun 2013:

\* Spring beginner and intermediate classes are held

Jul - Sept 2013:

\* 300,000 additional users have been served

September 2013: Grant Ends

The following question is **OPTIONAL** for Applicants.

**SPIN:** If the Applicant and any proposed award sub-recipients have an FCC Universal Service Fund Service Provider Identification Number (SPIN), please provide the following information: Name of Entity and SPIN. **This response is limited to 1,500 characters.**

[Insert Text Here]





**BROADBANDUSA**  
CONNECTING AMERICA'S COMMUNITIES

OMB Control No.: 0660-0031\*

Expiration Date: 07-31-2010

Made Possible by the Broadband Technology Opportunities Program

Funded by the American Recovery and Reinvestment Act of 2009





## 15 Environmental Questionnaire

Environmental Questionnaire
Applicants are <b>REQUIRED</b> to answer the following questions.
Does this PCC application have construction or ground disturbing activities? 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.
<p><input type="checkbox"/> Yes</p> <p><input checked="" type="checkbox"/> No</p>
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 include the list of equipment and peripherals to be procured.
<p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p> <div style="border: 1px solid black; padding: 10px; margin-top: 10px;">[Include the list of equipment and peripherals to be procured here]</div>
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?
<p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>





<p>[Insert whether the equipment be disposed of in an environmentally sound manner at the end of its useful life here]</p>
<p>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, please include a description of the proposed renovations with your project summary.</p>
<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>[Include a description of the proposed renovations with your project summary here]</p>
<p>Does the proposed action involve the production and/or distribution of informational materials, brochures, or newsletter?</p>
<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>





Does the proposed action involve training, teaching, or meeting facilitation at an existing facility or structure? If yes, please explain.
<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Training, teaching and meetings will occur at all of the named PCCs.</p>
Does the proposed action involve ground or surface disturbance to accommodate new fiber optic cable? 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.
<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>See infrastructure submission</p>
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

No

[Include a description of the extent of service upgrade, a list of the permits required, and linear fiber optic cabling required here]





## 16 Environmental Questionnaire Part Two

<b>Environmental Questionnaire</b>
The Environmental Questionnaire must be completed for all PCC projects that include construction or enhancements to existing buildings or related structures. Applicants please answer the following questions.
<b>Project Description:</b> Describe all project-related construction activities, including, but not limited to building construction related to installing prefabricated buildings; internal modifications, or equipment additions to buildings or other structures (e.g., relocating interior walls or adding computer facilities); the construction and installation of buried cable; or installation of telecommunications transmission facilities including construction of new monopole towers, satellite dishes. Complete descriptions and locations must be provided for each site affected by project-related construction activities. <b>This response is limited to 1,500 characters.</b>
[Insert Text Here]
<b>Property Changes:</b> Describe and indicate the amount of property to be cleared, excavated, fenced, or otherwise disturbed by the project. Describe the current land use and zoning for each project site affected by construction. Document whether the proposed project is located on public land owned or managed by the federal government. For information related to federal lands see the following website – <a href="http://www.geocommunicator.gov">http://www.geocommunicator.gov</a> . This website provides cadastral survey and land management information and data from the National Integrated Land System specifically the distribution of the Public Land Survey System (PLSS), other survey-based data, and federal land boundaries. <b>This response is limited to 1,500 characters.</b>
[Insert Text Here]





**Buildings:** Describe buildings or other structures (i.e., transmission facilities), including dimensions, to be constructed or modified. For linear projects, state whether the project is to be located on or within previously disturbed public rights-of-way. **This response is limited to 1,500 characters.**

[Insert Text Here]

**Wetlands:** Describe and indicate whether wetlands are present on or near the project site(s) affected by construction (maps of wetlands may be obtained from the U.S. Fish and Wildlife Service's National Wetland Inventory website: <http://www.fws.gov/wetlands/> or from soil maps obtained from the USDA, Natural Resource Conservation Service's website: <http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm> ). **This response is limited to 1,500 characters.**

[Insert Text Here]

**Critical Habitats:** Describe and indicate whether any project site(s) will directly or indirectly affect any threatened, endangered or candidate species or is within or near critical habitats. To document the analysis, applicants must provide species lists and appropriate specie accounts obtained from the U.S. Fish and Wildlife Service's website: [http://ecos.fws.gov/tess\\_public/](http://ecos.fws.gov/tess_public/) for each county affected by construction of the project. **This response is limited to 3,000 characters.**

[Insert Text Here]





**Floodplains:** Describe whether or not any facility(ies) or site(s) is located within a 100 or 500-year floodplain. Information related to floodplains and National Flood Insurance Maps may be obtained from the Federal Emergency Management Agency's (FEMA) website:  
<http://msc.fema.gov/webapp/wcs/stores/servlet/FemaWelcomeView?storeId=10001&catalogId=10001&langId=-1>.

If any project-related construction activities are within floodplains, a copy of the FEMA, "FIRMette" with construction activities depicted on the map must be included. For obtaining FIRMettes, review the tutorial provided by FEMA. **This response is limited to 1,500 characters.**

[Insert Text Here]

**Protected Land:** Describe any cultural resources, including historic properties, i.e., properties listed in or eligible for listing in the National Register of Historic Places, which are located in or within a one-mile radius of the project area and how they may be impacted by the project. Information related to historic properties can be obtained from the State Historic Preservation Office (SHPO) in your respective State - see the website of the National Conference of SHPO:  
<http://www.ncshpo.org/find/index.htm>.

Applicants must indicate if any portion of the project is located on tribal lands, meaning lands within the exterior boundaries of any Indian reservation and all dependent Indian communities. Information regarding historic properties located on tribal lands may be obtained from the Tribal Historic Preservation Officer (THPO) or the tribe's official representative for historic preservation. If provided, applicants should provide any information gathered about historic properties on tribal lands, including any correspondence with an Indian tribe.

Applicants must gather information about the nature and location of historic properties from the SHPO. SHPOs should be asked the following questions:

1. Is the proposed project located on, within or adjacent to any properties listed in or eligible for listing in the National Register of Historic Places? Is the proposed project located on, within or adjacent to a National Historic Landmark? If the answer is yes, describe and indicate the geographic relationship between the project and property with maps.
2. Will the proposed project impact, use or alter a building or structure that was constructed more than 50 years ago? If so, describe the building/structure with a statement of its condition, including photographs, and document its age.
3. If provided, applicants should provide SHPO responses/information to these questions including





any correspondence with the SHPO.

**This response is limited to 1,500 characters.**

[Insert Text Here]

**Coastal Area:** Determine whether or not the project is within the boundaries of a coastal zone management area (CZMA). For boundary related and contact information related to CZMA, see National Oceanic and Atmospheric Administration, Office of Ocean and Coastal Resource Management's website: <http://coastalmanagement.noaa.gov/consistency/welcome.html>. **This response is limited to 1,500 characters.**

[Insert Text Here]

**Brownfield:** Determine whether the project is located within a brownfield site. Per 42 U.S.C. 9601, the term "brownfield site" means real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Maps and locations of sites, facilities and properties that have been contaminated by hazardous materials and are being, or have been, cleaned up under EPA's Superfund, RCRA and/or brownfields cleanup programs can be found at the following website: <http://iaspub.epa.gov/Cleanups/>. **This response is limited to 1,500 characters.**





**BROADBANDUSA**  
CONNECTING AMERICA'S COMMUNITIES

OMB Control No.: 0660-0031\*

Expiration Date: 07-31-2010

Made Possible by the Broadband Technology Opportunities Program

Funded by the American Recovery and Reinvestment Act of 2009

[Insert Text Here]





## 17 Attachments

### Attachments

Applicants can find all attachments at [www.broadbandusa.gov](http://www.broadbandusa.gov). Clearly title each attachment when submitting a copy of your application on an appropriate electronic medium, such as a DVD, CD-ROM, or flash drive. The required attachments listed below must be submitted with the application. Note that while the Government and Key Partnerships and the Waiver attachments are not listed as required attachments, they are considered conditional rather than optional. For example, If the Applicant lists key partners in the application or is receiving matching contributions from a third party, it *must* provide documentation in the Government and Key Partnerships attachment. If the Applicant is requesting a waiver in the application, it *must* provide documentation in the Waivers attachment.

**Applicants are REQUIRED to complete the following attachments.**

- Management Team Resumes and Organization Chart
- Historical Financial Statements
- Public Center Detail
- Detailed Budget
- BTOP Certifications
- SF 424 Budget (A or C)
- SF 424 B and D Assurances

**The following attachments are NOT REQUIRED for all applicants:**

- Government and Key Partnerships
- Waivers
- Supplemental Information





### Management Team and Organization Chart

Provide the resumes of the senior management team and project team members significant to the project's success. Please identify their years of experience and relevant expertise with projects of similar size, scope, and complexity. Please identify specific prior (or current) projects, dates, and outcomes that showcase the management team's track record as relevant to executing the project. In addition, provide an organizational chart that details the structure of your organization, including any parent, subsidiary, affiliate, or partner organizations.

It is recommended that you provide these documents in PDF format when submitting a copy of your application on an appropriate electronic medium, such as a DVD, CD-ROM, or flash drive.

### Government and Key Partnerships

Please submit documentation, such as letters of support or commitment, from each of the key partners in the project. At a minimum you should provide letters of commitment from each party contributing to the cost match or that will carry out some part of the project. The documentation should clearly describe the specific details of the partner's participation. For example, if the partner is providing part of the project's cost matching contribution, the documentation should state the exact amount and source of the cash contribution, or describe, in detail, the nature of the in-kind contribution (*e.g.*, specific goods or services, including number of hours). If the partner is carrying out part of the project (beyond providing goods and services within normal business operations), the documentation should provide detail as to the specific responsibilities of the partner. If the partner is an Indian tribe or a socially and economically disadvantaged small business, as defined by Section 8(a) of the Small Business Act, 15 U.S.C. 637, the documentation should make note of this, and explain the basis for this claim.

It is recommended that you provide these documents in PDF format when submitting a copy of your application on an appropriate electronic medium, such as a DVD, CD-ROM, or flash drive.







### Historical Financial Statements

Provide detailed organizational financial statements for the last two years. A standard annual Income Statement, Balance Sheet, and Cash Flows based on generally accepted accounting principles (GAAP) are preferable. If your organization cannot readily produce this data in a standard format, you should explain why not, and provide comparable data, such as your most recent IRS Form 990 or annual audit, that provides as detailed a picture as possible of your financial history for a minimum of one year prior to your submission of this application. If appropriate, you may include Notes on Financial Statements that explain costs and revenues by major categories, and you may make note of any abnormal or one-time charges, large liabilities or asset transactions, legal actions, or other financial events you feel require explanation. If key partners are involved in delivering programmatic benefits (e.g., operating a proposed broadband network), it is recommended that historical financial statements for the key partners be provided as well.

It is recommended that you provide these documents in PDF format when submitting a copy of your application on an appropriate electronic medium, such as a DVD, CD-ROM, or flash drive.

### Public Computer Center Detail

Complete the Public Computer Center Details attachment. Add rows to the worksheet as necessary to accommodate all of the Public Computer Centers that will benefit from this project. All centers should be given a type from the specified list. A Community Anchor Institution is considered a minority-serving institution if it is a post-secondary educational institution with enrollment of minority students exceeding 50 percent of its total enrollment. Note that the calculated totals in bold will be needed to complete the PCC Capacity page of the application.

The data provided via this template will be subjected to automated processing. Applicants are therefore required to provide this attachment as an Excel file, and not to convert it to a PDF prior to submitting a copy of their application on an appropriate electronic medium, such as a DVD, CD-ROM, or flash drive.





### Detailed Budget

Complete the Detailed Budget attachment, breaking out individual line items under each category heading (add rows to each section as necessary to accommodate your line items). Please ensure that line item total columns in the "General" and "Detail" section are equal for each line item (a cell with a yellow highlight indicates an inconsistency). Also, you may utilize the provided space for additional notes, if desired (there is also a Budget Narrative question in the application in which you will provide narrative detail on this budget.)

Specifics needed for each cost category line item:

- **Personnel:** For each position, list the number of positions, the location or geography of the position, the job/task responsibilities for the position, the annual salary, and the percent of time a person filling the position will spend working on the proposed BTOP project. For lines with more than one position, the Quarters Employed field should represent number of quarters per person (e.g., for two employees each working for one year, Quarters Employed should be 4 rather than 8).
- **Fringe:** For each position, note the number of positions, the annual salary, the percent of time a person filling this position will spend working on the proposed BTOP project, and the fringe rate applied to the position. For lines with more than one position, the Quarters Employed field should represent number of quarters per person (e.g., for two employed each working for one year, Quarters Employed should be 4 rather than 8).
- **Equipment:** List all equipment units required for the project and provide program purpose. For each line item, note the number of units and the unit cost. The multiple of these two factors will yield the total for that line item. For example, an Applicant planning to buy 100 laptops at \$500/laptop would have a total line item cost of \$50,000. Again, although unit costs may include cents, once multiplied by the number of units, the result must be rounded to the nearest whole dollar. Clearly separate Applicant equipment and user equipment, as indicated in the detailed budget template. When providing the unit cost indicate whether the unit cost has been impacted by a discount and for software equipment list specific package names.
- **Travel:** For each trip list the program purpose of the trip, destination city and the number of people traveling. For each line item (e.g., trip), note the number of trips and the cost per trip. The multiple of these two factors will yield the total for that line item. For example, if the Applicant was accounting for 10 trips at \$25 per trip, the total cost would be \$250. The cost per trip should be justified on its own, *not* derived by dividing the line item total by the number of trips. Such a calculation will prompt further inquiry from the reviewers about justification for the trip cost. Rather, the *total* trip cost should be derived from the number of trips *times* the justifiable cost per trip.
- **Supplies:** Separate supplies by item type, describing the program purpose for use. For each line item, note the number of units and the unit costs. The multiple of these two factors will yield the total for that line item. For example, an Applicant planning to buy 20 boxes of printer paper at \$30/box would have a total line item of \$600. Again, although unit costs may include cents, once multiplied by the number of units, the result must be rounded to the nearest whole dollar.





- **Other:** Separate item types. For awareness program costs items, such as ads, separate ad types (TV, radio, newspaper, etc.) and include geography in which they will run.
- **Contractual:** For each line item, identify the contractor and note the number of contracted hours of service and hourly rate, if applicable. For example, an Applicant planning to hire a technology consultant for 100 hours at a rate of \$40/hour would have a total line item cost of \$4,000.
- **Indirect:** Provide the indirect rate and basis used. In the space provided at the bottom of the page briefly explain the calculation used to derive the indirect costs (including the indirect rate and what is included in the basis). If a negotiated indirect rate agreement exists and is being used, please identify the cognizant agency.

The category subtotals for this Detailed Budget should correspond to the data provided in your SF-424A, and both the SF-424 budget and this Detailed Budget should match the Federal Grant Request and Total Match Amount provided in the Project Budget page of the application. Please review the budget attachments, the budget narrative in the application, and the Project Budget page for consistency before submitting the application. If you are submitting a PCC project with an SF-424C instead of an SF-424A, the sections of this Detailed Budget will not align directly with categories of the SF-424C, but you should complete this Detailed Budget, allocating costs to the appropriate cost categories.

The data provided via this template will be subject to automated processing. Applicants are therefore required to provide this attachment as an Excel file, and not convert it to a PDF prior to submitting a copy of their application on an appropriate electronic medium, such as a DVD, CD-ROM, or flash drive.

**Waiver Request**

Applicant must use the Waiver attachment for any waiver request, and must complete and submit a separate form for each waiver request sought.

**BTOP Certification**

Complete the BTOP Certification attachment.

**SF 424 Budget (A or C)**

Please complete either the SF-424A or SF-424C forms. Please refer to the instructions provided





with each form. The SF-424A should be used unless the major purpose of your project is construction, in which case the SF-424C should be completed. Construction means the construction of new buildings, completion of shell space in existing buildings, renovation or rehabilitation of existing buildings, and construction or development of real property infrastructure improvements (e.g., site preparation; utilities; streets; curbs; sidewalks; parking lots; and other streetscaping improvements, etc.). In contrast, alteration of facilities incidental to a non-construction purpose is not considered construction. For example, if the major purpose of an award is to allow a recipient to conduct digital literacy training courses, the renovation of a computer lab area would not be considered construction under this chapter.

#### **SF 424 B and D Assurances**

Please complete either the SF-424B or SF-424D forms. Please refer to the instructions provided with each form. The SF-424B should be used unless the major purpose of your project is construction, in which case the SF-424D should be completed. Construction means the construction of new buildings, completion of shell space in existing buildings, renovation or rehabilitation of existing buildings, and construction or development of real property infrastructure improvements (e.g., site preparation; utilities; streets; curbs; sidewalks; parking lots; and other streetscaping improvements, etc.). In contrast, alteration of facilities incidental to a non-construction purpose is not considered construction. For example, if the major purpose of an award is to allow a recipient to conduct digital literacy training courses, the renovation of a computer lab area would not be considered construction under this chapter.

#### **Supplemental Information**

Applicant may provide any supplemental information. It is recommended that Applicant provide such data in a PDF format when submitting a copy of their application on an appropriate electronic medium, such as a DVD, CD-ROM, or flash drive.



Indirect cost rate	29.30%	Budget with Indirect Costs Assessed by MTDC			Salaries inflation	3.00%
Tuition recovery rate	56.00%				Expenses inflation	3.00%
Fringe benefits-SURS	32.88%					
Fringe benefits-GRA	4.49%	4.49%	4.49%	4.49%	4.49%	4.49%
Fringe Benefits - Hourly	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%
Fringe benefits-Non-SURS	8.99%					

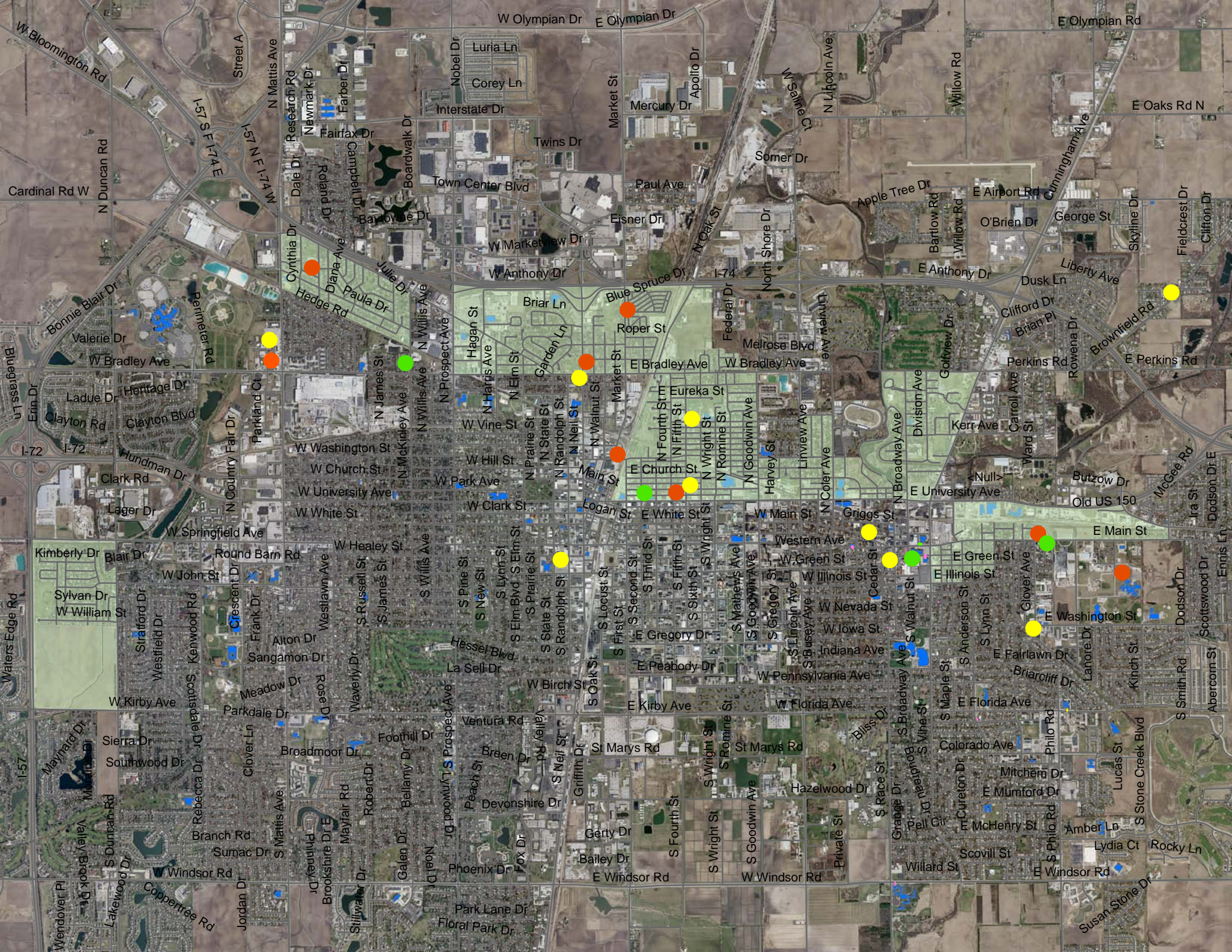
		Federal Request	Local Match	State Match Request	Total
<b>A.</b>	<b>1</b>	\$ -	\$ -	\$ -	\$ -
	Irish (5%)	\$ 3,045	\$ -	\$ -	\$ 3,045
	<b>3</b> Bievenue (20% 2 mo)	\$ -	\$ 2,052	\$ -	\$ 2,052
	Paul Adams (5%)	\$ -	\$ 3,633	\$ -	\$ 3,633
	Youth Coordinator	\$ -	\$ -	\$ -	\$ -
	<b>5</b> IT/Help Desk Coordinator	\$ -	\$ -	\$ -	\$ -
	<b>10</b> IT support (2) (50%)	\$ -	\$ -	\$ -	\$ -
	<b>12</b> Tot. senior pers.	\$ <b>3,045</b>	\$ <b>5,685</b>	\$ -	\$ <b>8,730</b>
<b>B.</b>	<b>1</b> Postdocs	\$ -	\$ -	\$ -	\$ -
	<b>2</b> Other Professionals	\$ -	\$ -	\$ -	\$ -
	<b>3</b> Grad Students	\$ -	\$ 4,400	\$ -	\$ 4,400
	<b>4</b> Student hourly	\$ -	\$ -	\$ -	\$ -
	Administrative Asst.				
	<b>5</b> (100%)	\$ -	\$ -	\$ -	\$ -
	<b>6</b> Other (non-SURS)	\$ -	\$ -	\$ -	\$ -
	Total Sal. & Wages	\$ <b>3,045</b>	\$ <b>10,085</b>	\$ -	\$ <b>13,130</b>
<b>C.</b>	Fringe Benefits	\$ <b>1,001</b>	\$ <b>2,067</b>	\$ -	\$ <b>3,068</b>
	Tot: Sal, wages, bnft	\$ <b>4,046</b>	\$ <b>12,152</b>	\$ -	\$ <b>16,198</b>
<b>D.</b>	Permanent Equip.	\$ -	\$ -	\$ -	\$ -
	Rent	\$ -	\$ -	\$ -	\$ -
<b>E.</b>	Travel - Domestic	\$ -	\$ -	\$ -	\$ -
	Foreign	\$ -	\$ -	\$ -	\$ -
<b>F.</b>	Part. spt. costs	\$ 2,500	\$ -	\$ -	\$ 2,500
<b>G.</b>	<b>1</b> Materials & supp.(<\$500)	\$ 10,000	\$ -	\$ -	\$ 10,000
	recording studio software	\$ 18,980			
	Expensed equipment				
	(workstations, laptops)	\$ 71,742	\$ 11,172	\$ -	\$ 82,914
	<b>2</b> Pub. Costs	\$ -	\$ -	\$ -	\$ -
	<b>3</b> Consultant costs	\$ -	\$ -	\$ -	\$ -
	<b>4</b> Services (cleaning)	\$ -	\$ -	\$ -	\$ -
	Computer maintenance	\$ -	\$ -	\$ -	\$ -

Budget with Indirect Costs Assessed on MTDC

<b>5</b>	Subawards	\$	-	\$	-	\$	-	\$	-
	Urbana Free Library								
	computer equipment	\$	42,000	\$	-	\$	-	\$	42,000
	Champaign Public Library								
	computer equipment/ furniture & lab support								
	personnel	\$	152,528	\$	-	\$	-	\$	152,528
	Champaign Douglass								
	Branch Library renovation	\$	-	\$	100,000	\$	50,000	\$	150,000
	Parkland College	\$	723,340						
	Wireless tower contract	\$	-	\$	100,000	\$	50,000		
	Columbia Center								
	renovation	\$	-	\$	50,000	\$	150,000		
	Community Center building								
	addition for youth cyber- lounge	\$	-	\$	100,000	\$	190,000	\$	290,000
<b>6</b>	Other (printing, etc.)	\$	7,500	\$	-	\$	-	\$	7,500
	Tuition Remission	\$	-	\$	2,464	\$	-	\$	2,464
	Tot. other dir costs	\$	<b>1,026,090</b>	\$	<b>363,636</b>	\$	<b>440,000</b>	\$	<b>1,829,726</b>
<b>H.</b>	Total direct costs	\$	<b>1,032,636</b>	\$	<b>375,788</b>	\$	<b>440,000</b>	\$	<b>1,848,424</b>
	MTDC	\$	<b>189,768</b>	\$	<b>23,324</b>	\$	<b>-</b>	\$	<b>213,092</b>
<b>I.</b>	Total Indirect costs	\$	<b>48,011</b>	\$	<b>5,901</b>	\$	<b>-</b>	\$	<b>53,912</b>
<b>J.</b>	Tot dir and indir costs	\$	<b>1,080,648</b>	\$	<b>381,689</b>	\$	<b>440,000</b>	\$	<b>1,902,337</b>

local match = 20.06%  
state match = 23.13%

<b>total PCC/SUS request</b>	\$	<b>2,818,931</b>	
<b>total PCC/SUS budget</b>			
<b>(w/match)</b>	\$	<b>4,287,132</b>	
<b>total PCC/SUS state</b>			
<b>match request</b>	\$	<b>440,000</b>	<b>10.26%</b>
<b>total local match</b>	\$	<b>1,028,201</b>	<b>23.98%</b>
<b>local + state match</b>	\$	<b>1,468,201</b>	<b>34.25%</b>



Red dot at intersection of N Mattis Ave and Research Rd

Red dot at intersection of N Mattis Ave and Hedge Rd

Yellow dot at intersection of N Mattis Ave and Hedge Rd

Green dot at intersection of N Willis Ave and N James St

Red dot at intersection of Blue Spruce Dr and Roper St

Yellow dot at intersection of Garden Ln and N Elm St

Yellow dot at intersection of Garden Ln and N Elm St

Yellow dot at intersection of Garden Ln and N Elm St

Red dot at intersection of Market St and E Bradley Ave

Green dot at intersection of Market St and E Church St

Yellow dot at intersection of Market St and E Church St

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Yellow dot at intersection of E Perkins Rd and Brownfield Rd