Broadband USA

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

Submitted Date: 3/14/2010 3:58:37 PM	**Easygrants ID: 4523**
Funding Opportunity: Public Computer Centers	**Applicant Organization:** CHICAGO, CITY OF
Task: Submit Application - Public Computer Centers	**Applicant Name:** Mr. Hardik V. Bhatt

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A. General Application Information

Applicant Information	
Name and Federal ID for Applicant	
DUNS Number	140652640
CCR # (CAGE)	5K8H5
Legal Business Name	CHICAGO, CITY OF
Point of Contact (POC)	DERRICK BROWNLEE 3127448129 Ext. derrick.brownlee@ex.cityofchicago.org
Alternate POC	LATOYA VAUGHN 3127449564 Ext. lvaughn@cityofchicago.org
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Name and Contact Information of Person to be Contacted on Matters Involving this Application:	
Prefix	Mr.
First Name	Hardik
Middle Name	V.
Last Name	Bhatt

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Suffix	
Telephone Number	312-744-2601
Fax Number	
Email	hbhatt@cityofchicago.org
Title	Chief Information Officer

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

Project Role	Name	Phone	Email
Secondary Point of Contact	Mr. Matthew E., Guilford	3127426668	matthew.guilford@cityofchicago.org

Other Required Identification Numbers	
Easygrants ID	4523
Funding Opportunity Number	500000
Catalog of Federal Domestic Assistance Number	**BTOP CFDA Number:** 11.557 **BTOP CFDA Title:** Broadband Technology Opportunities Program

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

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Authorized Organizational Representative	
AOR	BROWNLEE, DERRICK
Result	Applicant Authorized

Project Title and Project Description

Project Title: SmartChicago Public Computer Centers

Project Description: SmartChicago PCCs, strategically-located at 156 community anchor institutions, will provide more vulnerable and unemployed Chicagoans with Internet access and technology training. 19 new facilities will serve some of Chicago's neediest communities; 3,495 new computers will expand capacity at existing centers; 200,000 additional training hours will be delivered; and 320 direct jobs will be created.

Other Applications

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

➢ Yes

Easygrants ID	Project Title
6353	SmartChicago Sustainable Broadband Adoption Campaign

If YES, please explain any synergies and/or dependencies between this project and any other applications.
The City of Chicago (City) is committed to expanding broadband access in Chicago by maximizing the opportunities that BTOP provides. The Digital Excellence in Chicago study determined that 40% of Chicagoans lack broadband access at home; these individuals and families are faced with several barriers to access, including cost, skills, and lack of interest. The City's SmartChicago project proposals were designed to overcome these barriers by providing more affordable access to broadband services, more technology training opportunities, and purpose to adopt broadband at home. These proposals complement, but are not dependent upon, each other.

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The SmartChicago Public Computer Centers (SmartChicago PCCs) are located at community anchor institutions that will leverage Infrastructure investments by becoming anchor tenants BTOP Infrastructure in Chicago. However, if Infrastructure proposals are not funded, these centers will seek to expand bandwidth at their locations through other resources as they become available. Adding additional computers at these locations through BTOP funding will not require immediate increases in broadband bandwidth. SmartChicago Infrastructure will also help address the increased demand for affordable broadband that will be driven through the Sustainable Broadband Adoption and PCC projects.

SmartChicago will leverage the widespread deployment of new public computing resources to launch the Digital Skills Initiative (DSI). DSI aims to increase the digital literacy of Chicagoans by creating a central capacity to develop cutting-edge curricula, share best practices, evaluate performance, and provide resources across providers to maximize investments and impact. DSI offerings will be multi-format (e.g., one-on-one sessions and class-based courses) and will cover basic computer skills, employment-focused technology skills, and subject-specific skills (e.g., financial, health information). DSI training at SmartChicago PCCs will complement foundational training programs, like the City's Everyday Digital and Civic 2.0 courses developed as part of Sustainable Broadband Adoption (SBA) program, and will provide infrastructure to scale these SBA courses citywide.

If multiple or all SmartChicago proposals are funded, awareness, marketing, and outreach efforts will be coordinated through the Smart Chicago Trust Fund. The content of the citywide "Get SmartChicago!" campaign will be based in part on the SmartChicago SBA program.

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

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

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

Name	Title	Employer

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B. Executive Summary, Project Purpose and Benefits

Essay Question

Executive Summary of the proposed project:

Statement of the Problem
Internet access and digital skills are now necessary for individuals to fully participate in society—whether they are seeking a job, e-government information and services, healthcare information, or to communicate with loved ones. While the City of Chicago (City) envisions a day when all Chicagoans have high-speed Internet at home and the digital skills needed to complete these essential tasks, that day is not here.

40% of Chicagoans do not have broadband access at home, according to the July 2009 study, Digital Excellence in Chicago. The study, commissioned by the City, found particularly low levels of Internet usage among older, Latino, African-American, and low-income or less-educated residents.   For those without home access, libraries and other "third spaces" provide not only Internet access away from home or work, but also play a "broader support roles in their communities, from skills development for new users to facilitating access to Internet-mediated social services, employment markets, and educational opportunities," according to the Federal Communications Commission report "Broadband Adoption in Low Income Communities."

However, these third spaces report insufficient availability of workstations some or all of the time due to high demand. Put simply, there are not enough public computers available to serve those that need them, and declining revenues and shrinking budgets cannot support the purchase of additional equipment, even at a time when it is most needed.

Furthermore, 43% of Chicagoans without broadband access at home do not have the digital skills they need to compete in the 21st century. " The FCC report cites that "low-proficiency users, especially, come to third spaces because they can find help when they need it and add to their skills." With hundreds of thousands unemployed and more and more employers requiring job-seekers to apply online and have at least some basic computer skills, the unemployed have greater need for these public computing centers.

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Overall Approach to Addressing Need
The City proposes to address these challenges by adding and expanding 156 SmartChicago PCCs to serve unemployed and vulnerable Chicagoans. The centers are strategically-located at libraries, community colleges, public housing sites, workforce centers, senior centers, and youth and community service centers. 110 centers are located in census tracts where 50% of the households are at low or moderate income levels. SmartChicago PCCs will:

Increase access to broadband, improve accessibility
-        Serve 869,853 individuals and families across at 156 centers by deploying 3,495 new computers, including 2,829 workstations and 666 laptops.
-        Provide public computer and Internet access for the first time at 19 new centers, including 8 public housing locations, 6 human service centers, and 5 new libraries.
-        Improve access to broadband for the approximately 600,000 people with disabilities in Chicago by deploying assistive technologies at all 156 sites.

Deliver nearly 200,000 new hours of rigorous and customized technology training
-        Launch citywide Digital Skills Initiative to increase the digital literacy of Chicagoans by creating a central capacity to develop cutting-edge curricula, share best practices, evaluate performance, or provide resources across providers to maximize investments and impact.
-        Help approximately 20,000 job-seekers retool through a core suite of technology training courses—covering online job searching, resume creation, and other workforce-readiness skills.
-        Assist 20,000 youth, seniors, and families with digital skills development through customized one-on-one or class-based training courses.
-        Support the needs of non-English speakers by offering technology training courses in Spanish, Polish, and Chinese.

Create jobs at all skill and experience levels
-        Employ 1 Program Director to oversee the SmartChicago PCCs project, including the Digital Skills Initiative, complete quarterly project reports, chair the project Steering Committee, and manage 6 master teachers.
-        Hire 6 master teachers to develop technology training curricula; train and mentor agency staff and Chicago Career Tech (CCT) program participants; and deliver training.
-        Employ 1 Program Assistant to support the program director and master teachers with their duties.

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- Create 64 transitional information technology jobs at public housing labs.
- Help approximately 20,000 find employment through expanded technology training opportunities.

Areas and Users Served

The SmartChicago PCCs service area includes the entire city of Chicago, which is comprised of over 225 square miles and has a population of 2,896,016 residents (Census 2000). 42.0% of the population are Caucasian, 36.8% are African American, 26.0% are Hispanic or Latino, 4.3% are Asian, 0.4 are American Indian or Alaskan Native, and 0.1 are Hawaiian or Other Pacific Islander (Census 2000).

Low-income and unemployed individuals and families

About 20% (556,791 individuals and 105,752 families) of the population lives at or below the federal poverty level compared to 12.4% nationally (Census 2000). The Illinois Department of Employment Security reports that the Unemployment Rate for Chicago for December 2009 was 11.4% (149,742 unemployed individuals). For the same month, the Unemployment rate for the nation was 9.7%.

Non-English Speakers

952,076 speak a language other than English at home (approximately 35.5% of the City's population in comparison to 17.9% nationally), and 628,903 people are foreign-born (Census 2000).

People with Disabilities

604,676 people with disabilities reside in Chicago (approximately 22.8% of the City's population in comparison to 19.2% nationally) (Census 2000).

Public Housing Residents

The Chicago Housing Authority provides almost 9,500 units of senior housing, more than 7,000 units of family housing, and oversees the administration of 35,000 Housing Choice Vouchers that allow low-income families to rent in the private market. The median income of public housing residents is $11,854. 30.93% of public housing residents are 62 years of age or older; 36.99 % of residents are 20 years of age or younger. 79% of residents are African American, 16% are Caucasian, 11% are Hispanic, and 4% are Asian.

Seniors

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298,803 are 65 years of age or older (Census 2000).

Youth and Students
461,037 are 17 years of age or younger (Census 2000). In fiscal year 2008, 113,277 students were enrolled at Chicago's community colleges in over 240 programs of study. Students had a median household income of $24,052. 28% of students were under 22 years of age, 22% 22-30 years of age, 19% 30-41 years of age, and 18% were 41 and up. 34% of enrolled students were African American, 39% Hispanic, 17% Caucasian, and 7% Asian.

Qualifications
City and sister agencies: established community service delivery channels
The City of Chicago has brought together several of its departments and sister agencies to plan and manage the SmartChicago PCC project: the Department of Innovation and Technology, the Department of Family and Support Services, the Mayor's Office for People with Disabilities, the Chicago Public Library, the Chicago Housing Authority, and the City Colleges of Chicago. Collectively, the departments and agencies deliver essential services, including free access to technology, to all Chicago's residents and visitors at hundreds of facilities citywide.

Smart Chicago Trust Fund: long-term sustainability
The Chicago Community Trust, the MacArthur Foundation, and the City of Chicago partnered to create the Smart Chicago Trust Fund, an innovative public-private partnership, unique to this project, which supports the local sustainability of ARRA investments, BTOP opportunities, ensures transparency, expedites program execution, and promotes private investment.
TEC Services: award-winning workforce/technology training programs
TEC Services' workforce training program models have been recognized nationally and internationally as innovative and industry-leading in their approach to preparing workforce for occupations in high demand. TEC Services successfully managed adult and youth programs from the Illinois Department of Commerce and Economic Opportunity, the SBC Foundation, Northeastern Illinois University, the Workforce Boards of Metropolitan Chicago, the US Department of Labor and various corporate entities, such as Microsoft.

Jobs Created or Saved
SmartChicago PCCs will create 320 direct jobs and will help approximately 20,000 find employment through expanded technology training opportunities.

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Overall Cost

The total cost of two-year SmartChicago PCC project is $13,090,937, of which the City seeks $9,142,997 from the Federal government. The City and its partners are providing $3,947,940 in local matching funds, 30% of the total project cost.

Project purpose:

Compelling Problem/Opportunity: Internet access and digital skills are necessary for individuals to fully participate in society—whether they are seeking a job, e-government information and services, healthcare information, or to communicate with loved ones. While the City of Chicago (City) envisions a day when all Chicagoans have high-speed Internet at home and the digital skills needed to complete these essential tasks, that day is not here. 40% of Chicagoans do not have broadband access at home, according to the July 2009 study, Digital Excellence in Chicago. The study, commissioned by the City, found particularly low levels of Internet usage among older, Latino, African-American, and low-income or less-educated residents. For these individuals, public computer centers play a crucial role in their lives by providing free Internet access and technology training in addition to other information and human services that they need. However, capacity is outstripped by demand of existing PCC clients, many of whom are job-seekers. For example, at 51 libraries users wait over 3 hours on average before they access a computer and the Internet; at 34 of those locations, the wait is over 6 hours. Put simply, there are not enough public computers available to serve those that need them, and declining revenues and shrinking budgets cannot support the purchase of additional equipment, even at a time when it is most needed. Furthermore, 43% of Chicagoans without broadband access at home do not have the digital skills they need to compete in the 21st century. And, with hundreds of thousands unemployed and more and more employers requiring job-seekers to apply online and have at least some basic computer skills, lost income is a major cost of digital exclusion to these individuals and their families.

Effective Solution: The City proposes to address these challenges by adding and expanding 156 SmartChicago PCCs to serve unemployed and vulnerable Chicagoans. The centers are strategically-located at libraries, community colleges, public housing sites, workforce centers, senior centers, and youth and community service centers. 110 centers are located in census tracts where 50% of the households are at low or moderate income levels. SmartChicago PCCs will:

Increase access to broadband, improve accessibility

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* Serve 869,853 individuals and families across at 156 centers by deploying 3,495 new computers, including 2,829 workstations and 666 laptops.
* Provide public computer and Internet access for the first time at 19 new centers, including 8 public housing locations, 6 human service centers, and 5 new libraries.
* Improve access to broadband for the approximately 600,000 people with disabilities in Chicago by deploying assistive technologies at all 156 sites.

Deliver nearly 200,000 new hours of rigorous and customized technology training
* Launch citywide Digital Skills Initiative to increase the digital literacy of Chicagoans by creating a central capacity to develop cutting-edge curricula, share best practices, evaluate performance, or provide resources across providers to maximize investments and impact.
* Help approximately 20,000 job-seekers retool through a core suite of technology training courses—covering online job searching, resume creation, and other workforce-readiness skills.
* Assist 20,000 youth, seniors, and families with digital skills development through customized one-on-one or class-based technology training courses.
* Support the needs of non-English speakers by offering technology training courses in Spanish, Polish, and Chinese.

Create jobs at all skill and experience levels
* Employ 1 Program Director for 2 years to oversee the project, including the Digital Skills Initiative, complete quarterly project reports, chair the project Steering Committee, and manage 6 master teachers.
* Hire 6 master teachers for 2 years to develop technology training curricula; train and mentor agency staff and Chicago Career Tech (CCT) program participants; and deliver training.
* Employ 1 Program Assistant for 2 years to support the program director and master teachers with their duties.
* Create 64 transitional information technology jobs at public housing labs.
* Help approximately 20,000 find employment through expanded workforce training opportunities.

Broad Significance and Replicability: Most U.S. municipalities/states have articulated the need to retool their workforce and connect their residents and businesses to the 21st century digital economy. The City's approach to these critical challenges, while tailored to Chicago's requirements, will be replicable across the U.S. SmartChicago PCCs are uniquely positioned to assist with that replication through their relationship to the Smart Chicago Trust Fund, which

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will support program-level resources and assess the impact, viability, sustainability, and scalability of Federal broadband investments.

Underserved and Unserved Areas: Cost is the primary barrier to at-home adoption, according to the Digital Excellence in Chicago study, and the largest gap in home access is based on a respondent's family income. The majority (over 70%) of the PCCs are located in areas where 50% of the households are at low/moderate income levels.

Statutory Purposes: SmartChicago PCCs propose to increase access to computers, broadband, and technology training at community anchor institutions/support organizations, and other job-creating facilities, including libraries, community colleges, public housing sites, workforce centers, senior centers, and youth and community service centers. 58 centers are in or within 1 mile of an Enterprise Community/Zone, Empowerment Zone, or Renewal Community. Through its Get SmartChicago! Campaign, the SmartChicago PCCs will promote awareness of the benefits of free broadband and training programs offered at the centers.

Recovery Act and Other Governmental Collaboration:

As of February 2010, the Federal government has provided the City with approximately $1.66 billion in ARRA awards.
Department of Housing and Urban Development
The Chicago Housing Authority (CHA) received $143M in funds for projects related to demolition, rehabilitation, safety, and security. ARRA has also enabled CHA to increase security at its sites, with a $23M initiative to install 3,000 cameras at nearly 16,000 senior and family apartments. CHA has also collaborated with the Federal government on HUD-ROSS funds of $999,593 that have been applied to digital literacy training; and Federal funds of $1,535,952 have been applied to the CHA's transitional jobs program. These programs can now be extended to the 8 new SmartChicago PCCs at CHA sites.

The Department of Family and Support Services (DFSS) received $3.75M in an ARRA-funded Community Development Block Grant (CDBG) for the Neighborhood Clean-Up Initiative, which provides year-round jobs and job-training services to hard-to-employ populations and the formerly incarcerated. DFSS, with Chicago Public Schools (CPS), will utilize $3 million in CDBG to support the Homeless Student Support Initiative and $34.3M to support the City's Homelessness Prevention and Rapid Rehousing Program (HPRP). Many DFSS locations will be SmartChicago PCCs, providing Internet access to vulnerable populations.

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Department of Labor

The City has received $34.6M in Workforce Investment Act (WIA) ARRA funds, in addition to the approximately $17M "regular" WIA allocation received each year. The funding supports Workforce Center contracts, which results in increased funding to all WorkNet Chicago delegate agencies. The funding will allow more customers to leverage the WIA program at these agencies, and helps individuals obtain the skills they need to enter new industries, including Green Jobs, Healthcare, and Information Technology. As SmartChicago PCCs, the additional DSI training programs will complement the existing opportunities at these locations.

DFSS received $17,390,077 in ARRA WIA Youth dollars for the 2009 Youth Ready Chicago: Summer Employment for Youth program. The City and its partners funded nearly 20,000 youth summer jobs, and stimulus funds added an additional 7,800 jobs for youth. The YCDCs, also SmartChicago PCCs, are points of entry to the program and provide soft skills and job training to prepare them for a summer job.

Daley College, one of the City Colleges of Chicago (CCC), has received $375,000 from the Cook County Board to provide training in computer technology skills. Malcolm X College, another CCC, in conjunction with CPS and Rush University Medical Center, has received funding of $1,611,567 for Rx: Prescription for a Career in Healthcare. The additional equipment at these SmartChicago PCCs will allow CCC to better support these programs, and the additional DSI training will complement the existing opportunities at these locations.

Technology Strategy:

The City will use a phased approach / just-in-time deployment strategy to insure the smooth and timely implementation at SmartChicago PCCs. The project managers or coordinators at each site will manage the deployment, with program oversight and support delivered by the City's Department of Innovation and Technology. Coordinators will work with vendors and on-staff technicians to create and test images for each PC configuration well in advance of the project implementation deadline. After testing is complete, the image is shared with the PC vendor so that all the purchased equipment can be imaged according to the tested configurations. While the PCs are being built, a roll-out plan is shared with the whole project team, including vendors, and communication and timelines are distributed to all locations and staff. The roll-out process is established, and a detailed step-by-step procedure document is created and tested. For each location the project team will execute the procedure and report any issues to the project managers. The project managers from the sponsoring departments or agencies will also manage

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and mitigate risks throughout the deployment. At the community college sites, the City Colleges of Chicago will enhance its work study program to engage their IT students to assist with workstation and laptop set-up along with the monitoring of our computer labs at each of our 7 colleges. This opportunity will provide these students with hands-on experience and an opportunity to gain marketable skills, supporting a successful transition from school into the workforce.

Hardware, Software and Peripherals
New Computers
The City will deploy 3,495 new computers, including 2,829 workstations and 666 laptops across 156 public computer centers. 8 laptops will support program-level staff.

Software
The City will primarily roll-out PCs running Windows XP or 7, and Microsoft Office Suite will be installed on most PCs. In addition, public housing sites will install Microsoft Money, Mavis Beacon Teaches Typing, and Mavis Beacon Teaches Microsoft Office for training purposes. Each workstation will be protected from viruses, worms, and spyware with Norton Anti-Virus, Trend Version 3 Anti-Spyware, and other relevant security software as identified. At library locations, Deep Freeze is employed, restoring PCs to their original image on a daily basis.

Assistive Technology
The SmartChicago PCCs will make all sites more accessible to persons with disabilities by deploying assistive hardware, including 154 large monitors, 308 alternate keyboards, 308 alternate mice, and 308 headphones. At least one large monitor will be deployed at each PCC, 2 alternate keyboards and 2 alternate mice at each PCC. Assistive software including 308 JAWS Professional licenses, 308 Dragon NaturallySpeaking licenses, and 308 ZoomText licenses will deployed across all locations, with at least 2 licenses deployed at each PCC.

Other Hardware
Group printers will be purchased and deployed at Community Service Centers, Sulzer and Woodson Regional Libraries. Projectors and screens will be used for technology training courses held at all 8 public housing labs and all libraries.

Network Connectivity

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Network equipment will be installed at all new or expanded public computer centers, including routers, switches, connectors, and cables. The public housing labs will also acquire and deploy 8 servers, 200 Cisco Series PCI Adapters, 24 PC Cards w/dual MMCX (CHA), 8 Cisco Networking Bundle for T1 line for 24 ports, and 8 Smarthome NETIP 4 Channel TCP/IP Transmitters.

Wireless Access
Wireless access points will be deployed at each of the 8 public housing labs. Wireless infrastructure will also be deployed at the community college locations.

Broadband Speed
If SmartChicago Infrastructure is funded, network broadband speeds will increase from an average of 9.4 MBps to an average of 33.7 MBps at many SmartChicago PCCs.
Ongoing Maintenance and Support
Ongoing maintenance and support will be provided by City staff and its partners, Unisys and TEC Services. Unisys is the City's current support vendor on contract, and TEC Services will supervise IT support transitional jobs at each of the 8 public housing labs. The transitional jobs will be filled by public housing residents that have completed more advanced workforce technology training and are looking to enter the IT field.

Security and Privacy
User Workstations
As previously mentioned, each workstation will be protected from viruses, worms, and spyware with at least Norton Anti-Virus and Trend Version 3 Anti-Spyware. Privacy screens are included in the project budget for Sulzer and Woodson Regional Libraries, but are used at all library locations.

Laptop Storage and Security
At each location where laptops will be deployed, a Datamation Systems, Inc.5 Module Tabletop Notebook PC Security Safe Model# DS-NSS-5 will be used to store the computers and prevent theft. Workstation locks will be deployed at all locations.

Facilities
At each of the 8 new public housing labs, many security measures will put in place, including asset tracking systems, cameras, locks, fingerprint locks, door intercoms, and other tools to

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ensure the safety of residents using the labs and to prevent theft. Security measures will also be implemented in the minor build-out of the community service centers and at both Sulzer and Woodson Regional Libraries.

Public Availability:

All SmartChicago PCCs aim to provide free and accessible access to broadband and DSI technology training. The City's decision to select departments and agencies that have specific population-foci was intentional and serves two purposes: 1) it allows for more specificity in reaching these vulnerable populations; and 2) provides Internet in a familiar and trusted setting, which is key to community integration. Further, the sheer number of partner institutions provides the overall project with a wide breadth of diversity and depth of population penetration.
"General Public Availability"
Chicago Public Library locations are open between 40 and 56 hours per business week and between 8 and 12 hours on weekends. Currently, users may sign up for two one-hour Internet sessions per day. WorkNet sites are open a minimum of 40 hours per business week and are free and fully accessible. All individuals may use the technology resources and services, including the broadband access that this funding will in part support, with no limitations. Sign-in lists or time limits are sometimes implemented when computer-time is at critical demand.
The 6 new PCCs at the Community Service Centers will be available to all members of the general public. The centers are open at least 40 hours per business week and are free and fully accessible.
"Population-Specific Availability"
Public Housing Residents: CHA computer centers were established for the exclusive use of CHA residents to access technology and training programs that lead to employment opportunities. Public housing residents in Chicago are an underserved population, as the Digital Excellence Study shows that only 38.79% have broadband connections at home. Labs operate during the business week from 9:00 a.m. and 5:00 p.m and for four hours each weekend.
Seniors: The 3 Senior Centers will serve the age group of 60 and over.
Youth: The 6 Youth Career Development Centers cater to residents ages 14 to 21, but are open to the general public.

Restrictions on Center Use:

All SmartChicago PCCs aim to provide free and accessible access to technology resources and services. Some centers, in particular, some Department of Family and Support Services client service centers, limit access to youth or seniors because the programs, equipment, and personnel

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provided at these sites are designed to maintain a safe, secure, and accessible environment for those vulnerable populations. Senior centers serve residents aged 60 and older. Youth Career Development Centers cater to residents aged 14 to 21. Computer centers at Chicago Housing Authority sites may only be accessed by public housing residents. Due to demand, users are limited to two one-Hour Internet sessions per day at SmartChicago PCC library locations.

Involvement of Community College:

8 of the SmartChicago PCCs are located at community colleges. The City Colleges of Chicago (CCC) operates 7 main campuses, 10 satellite campuses, a public television station (WYCC), and a Center for Distance Learning that offers TV, Internet, and blended courses.

By locating SmartChicago PCCs at all the main campuses, students will have more opportunities to improve their math, writing, digital skills, and overall performance in the classroom. The community and student body are often the same, with many students attending their local college location to complete English as Second Language (ESL), GED, and credit courses, in addition to attending public or community programs at CCC. For example, the Center for Economic Progress, which provides free tax preparation to low income families through the Tax Counseling Project (TCP), relies on CCC computer labs to deliver programming. In the past, the labs' availability has been limited due to scheduled college classes, but expansion through BTOP will help better serve those in need of tax assistance. The CCC Financial Aid Office also provides free instruction on filing the FAFSA online every Friday during the Spring Semester and Summer Term, regardless of the potential students desire to enroll at the College, and have run into similar availability issues. If access is expanded at CCC through BTOP, new similar programs will be added over time, allowing CCC to better meet community needs.

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

> No

Is the applicant deliquent on any federal debt?

> No

> If Yes, justification for deliquency:

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

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  ➢ No

C. Partners

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

If YES, key partners are listed below:

Project Role: Sub-recipient
Name: Linenberger, Kathy
Email: KLinenberger@ccc.edu
Address 1: 226 W. Jackson Blvd.
Address 2:
Address 3:
City: Chicago
State: Illinois
Zip Code: 60606
Organization: City Colleges of Chicago
Organization Type: Other
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
Name: Kaiser, Linda
Email: LKaiser@thecha.org
Address 1: 60 E. Van Buren
Address 2:
Address 3:
City: Chicago
State: Illinois
Zip Code: 60605
Organization: Chicago Housing Authority
Organization Type: Other
Small business: No
Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
Name: Sutton, Patricia
Email: psutton@tecsinc.com
Address 1: 1620 Pebblewood Lane
Address 2: Suite 270

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Address 3:
City: Naperville
State: Illinois
Zip Code: 60563
Organization: TEC Services
Organization Type: For-profit Entity
Small business: Yes
Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient
Name: Mazany, Terry
Email: tmazany@cct.org
Address 1: 111 E. Wacker Dr.
Address 2: Suite 1400
Address 3:
City: Chicago
State: Illinois
Zip Code: 60601
Organization: The Chicago Community Trust
Organization Type: Non-profit Foundation
Small business: No
Socially and economically disadvantaged small business concern: No

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

The City of Chicago Department of Innovation and Technology is coordinating the SmartChicago PCCs project on behalf of the key partners.

DoIT's mission is to enhance the delivery of City services through easy, reliable, cost-effective, and secure access to information and to promote Chicago's advancement through technology. As the City's central organization for IT strategy, architecture and systems, DoIT is involved with virtually all technology projects undertaken by public agencies, and coordinates technology-related public policy in areas like community development, education, and healthcare. DoIT will coordinate program efforts across SmartChicago PCC partners, manage program auditing/reporting, maintain TechLocator, and assist with equipment purchasing and deployment.

Chicago Public Library (CPL)encourages lifelong learning by welcoming all people and offering equal access to information, entertainment and knowledge through materials, programs and

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cutting-edge technology at more than 70 locations. In addition to a rich collection of books and other media, all locations provide free access to Internet and Wi-Fi, online research databases, and technology training. CPL staff will manage the deployment of equipment, outreach efforts, and Digital Skills Initiative (DSI) training courses at all library PCC sites.

Department of Family and Support Services (DFSS)supports a continuum of coordinated services to enhance the lives of Chicago residents, particularly vulnerable populations. DFSS offers youth opportunities to learn and explore their talents outside of the classroom through job training at Youth Career Development Centers (YCDCs). It provides direct services and referrals for specialized assistance to residents and families in need through its six Community Service Centers (CSCs). DFSS' administers a variety of programs through its Senior Centers that address the diverse needs and interests of older Chicagoans. Chicago's five Workforce Centers and community-based affiliate WorkNet organizations offer a range of services to help Chicagoans find and keep good-paying jobs. DFSS staff will manage the deployment of equipment, outreach efforts, and DSI training courses at PCCs located at these sites.

Mayor's Office for People with Disabilities (MOPD)promotes total access, full participation and equal opportunity for people with disabilities through a multi-faceted approach that includes systemic change, education and training, advocacy and direct services. MOPD will work with the project team to ensure that SmartChicago PCCs are fully accessible to people with disabilities, and will also assist with outreach efforts and training.

Office of Budget Management (OBM)prepares and implements the City of Chicago's annual budget, evaluates the efficiency of City operations, and drives management reforms to enhance the City's financial condition and increase taxpayer value. OBM staff will manage and allocate project funds, including both federal grant and matching funds. OBM will provide matching funds that will support personnel, equipment and other project activities.

Chicago Housing Authority (CHA)is the largest owner of rental housing in Chicago, providing homes to more than 50,000 families and individuals, while supporting healthy communities in neighborhoods all across the city. CHA has almost 9,500 apartments in buildings designated for seniors and more than 7,000 units of family housing. It also oversees the administration of 35,000 Housing Choice vouchers that allow low-income families to rent in the private market. CHA staff will manage the deployment of equipment, outreach efforts, and workforce and DSI

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training courses at all public housing PCC sites. CHA will provide matching funds to support telecommunications and electrical installation at each site.

City Colleges of Chicago (CCC)is the largest community college system in Illinois and one of the largest urban community college systems in the nation, operating 7 main campuses, 10 satellite campuses, a public television station (WYCC), and a Center for Distance. CCC's mission is to deliver exceptional learning opportunities and educational services for diverse student populations in Chicago and to enhance knowledge, understanding, skills, collaboration, community service and life-long learning by providing a broad range of quality, affordable courses, programs, and services to prepare students for success in a technologically advanced and increasingly interdependent global society. CCC staff will manage the deployment of equipment, outreach efforts, and Digital Skills Initiative training courses at all CCC PCC sites. CCC will also provide matching funds that will support the personnel needed to execute the project.

Smart Chicago Trust Fund
The Chicago Community Trust, the MacArthur Foundation, and the City of Chicago partnered to create the Smart Chicago Trust Fund, an innovative public-private partnership, unique to this project and housed at the Chicago Community Trust, which supports the local sustainability of ARRA investments, BTOP opportunities, ensures transparency, expedites program execution, and promotes private investment. The Trust will house and support the PCC program staff that will manage both the Digital Skills Initiative and the Get Smart Chicago! campaign. The Trust will provide matching funds to support equipment needed by new staff and will be responsible for ensuring sustainability of program efforts beyond BTOP.

TEC Services
As the primary project trainer at public housing sites, TEC Services brings 19 years of experience in providing information technology industry solutions and designing, implementing and supporting innovative, large scale, state-wide workforce development projects. Through BTOP, TEC Services will employ public housing residents that have successfully completed workforce training programs in transitional jobs as IT trainers and support technicians.

D. Congressional Districts
Applicant Headquarters

- ➢ Illinois

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Project Service States
Illinois

Project Service Areas
Illinois - 1

Illinois - 2

Illinois - 3

Illinois - 4

Illinois - 5

Illinois - 7

Illinois - 9

Illinois - 11

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

> ➢ No

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

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

> ➢ No

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E. Demographics

Demographics

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

➢ Yes

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

English as Second Language (ESL)

Disabled

Low Income

Unemployed

Senior Citizen (55 and over)

Youth

Other:

Vulnerable Populations

The SmartChicago PCCs service area includes the entire city of Chicago, which has a population of 2,896,016 residents (2000 Census). 42.0% of the population are Caucasian, 36.8% are African American, 26.0% are Hispanic or Latino, 4.3% are Asian, 0.4 are American Indian or Alaskan Native, and 0.1 are Hawaiian or Other Pacific Islander. 30.93% of public housing residents are 62 years of age or older; 36.99 % of residents are 20 years of age or younger. 79% of residents are African American, 16% are Caucasian, 11% are Hispanic, and 4% are Asian.

Low-income and unemployed individuals and families:
About 20% (556,791 individuals and 105,752 families) of the population lives at or below the federal poverty level compared to 12.4% nationally (2000 Census). The Illinois Department of

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Employment Security reports that the Unemployment Rate for Chicago for December 2009 was 11.4% (149,742 unemployed individuals). For the same month, the Unemployment rate for the nation was 9.7%. 8 PCCs are located at public housing sites where the median income is $11,854. 30 PCCs are located at workforce centers, 8 PCCs are located at public housing sites. 8 PCCs are located at community colleges where the median income is $24,052. 110 centers are located in census tracts where 50% of the households are at low or moderate income levels. Employment-focused technology training will be delivered at all 156 centers and outreach will be customized.

English as Second Language (ESL:)
952,076 speak a language other than English at home (approximately 35.5% of the City's population in comparison to 17.9% nationally) and 628,903 people are foreign-born (Census 2000). All 156 PCCs will be able to deliver training in multiple languages, tailored to the needs of the audience. Outreach and marketing will be conducted in multiple languages.

People with Disabilities:
604,676 people with disabilities reside in Chicago (approximately 22.8% of the City's population in comparison to 19.2% nationally) (Census 2000). All 156 PCCs will be better equipped to serve these individuals through the addition of new assistive technologies and outreach and training will be customized.

Seniors:
298,803 are 65 years of age or older (Census 2000). 17 PCCs are located at Senior Centers spread across the city and outreach and training will be customized.

Youth and Students:
461,037 are 17 years of age or younger (Census 2000). In fiscal year 2008, 113,277 students were enrolled at Chicago's community colleges in over 240 programs of study. Students had a median household income of $24,052. 28% of students were under 22 years of age, 22% 22-30 years of age, 19% 30-41 years of age, and 18% were 41 and up. 34% of enrolled students were African American, 39% Hispanic, 17% Caucasian, and 7% Asian. 8 PCCs are located at community colleges and 6 PCCs are located at Youth Career Development Centers. Outreach and training will be customized.

Accessibility

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The City will not only make SmartChicago PCCs fully accessible as mandated by the Americans with Disabilities Act of 1990 (ADA); it will ensure that all aspects of the program encourages participation by the more than 600,000 people with disabilities in Chicago. Guided by the City's Mayor's Office for People with Disabilities (MOPD) (a cabinet-level department that promotes total access, full participation, and equal opportunity for people with disabilities of all ages and in all aspects of life) the SmartChicago work will impact four areas: facilities, hardware and software, training, and outreach.

Physically accessible facilities: All SmartChicago PCCs will be fully accessible. Expert building inspectors from MOPD will survey each site to ensure that accessible exterior routes and parking spaces, bathrooms with turning radiuses for wheelchairs, furniture, hallways, lobbies and any other common use areas, and signage are in place. If any deficiencies are identified, the City and its partners will incorporate necessary modifications into the renovations planned as part of this program. Inspectors will return to each site throughout the life of the program to ensure these standards have been maintained.

Assistive technology tools: All PCCs will have free workstations with assistive hardware and software to accommodate users with a range of visual, auditory, and physical disabilities, including large monitors, screen readers, screen magnifiers, on-screen keyboards, and amplified headphones. These tools will be evaluated on an annual basis to ensure that the most widely used versions are deployed; tools will be refreshed as necessary to keep pace with technological advancements.

Disability-sensitive training: All program staff will be trained to allow them to address the needs of people with disabilities. Accessible technology experts from the ADA Great Lakes Center at the University of Illinois at Chicago will conduct in-depth, weeklong workshops for Master Teachers and shorter sessions for CCT apprentices and other agency staff on assistive technology tools and disability culture. ADA Center staff will also work with Master Teachers and other staff to ensure that accessibility is incorporated into all digital education curricula.

Outreach to disability community: Program staff and partners will conduct outreach and marketing tailored to members of Chicago's disability community. Program staff will work with the Accessible Technology Advisory Committee (a group of people with disabilities and disability rights advocates created to advise the City on inclusive technology practices), to develop culturally appropriate marketing materials promoting new computing resources and

Broadband Non-Infrastructure Application
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training programs. Groups such as the Chicago Lighthouse for People Who are Blind or Visually Impaired and Access Living (an independent living center for people with disabilities) will share materials with their members and constituents.

Other Languages

In Chicago, 952,076 speak a language other than English at home (approximately 35.5% of the City's population in comparison to 17.9% nationally) and 628,903 people are foreign-born (Census 2000).

Training
SmartChicago PCCs will provide technology training to the public in non-English languages, including Spanish, Polish, Chinese, and other languages where need is indicated. Printed or digital materials will be translated and provided to these participants. All locations will support access to online ESL education.

Outreach
Targeted print materials in multiple languages will also be developed through the Get SmartChicago! outreach campaign; agency staff will use these materials when explaining the impact of technology to non-English speaking clients. Barriers specific to these populations will also be addressed through these materials. For example, according to the Digital Excellence in Chicago study, Latinos stand out as perceiving many barriers to home Internet access. Latinos are significantly more likely than non-Hispanic whites to cite lack of time and privacy concerns. Latinos are also prevalent in the 19 % of respondents without home access who mention language barriers online. Affordability, technical support, and training are all disparities that need to be addressed for Latinos. Therefore, any materials developed in Spanish will address these issues.

Outreach

Public Computing Centers Outreach

"Get SmartChicago!" will be the public education and awareness campaign designed to drive residents to resources/programs deployed through BTOP. The campaign will leverage existing delivery channels as well as an array of new media and methods, acting at 3 levels: targeted

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outreach to vulnerable populations, engagement of trusted social networks in digitally underserved areas, and citywide marketing.

Case Work and Referrals: Get SmartChicago! will communicate the value of technology and newly-available digital resources to vulnerable individuals on a one-on-one basis, leveraging a citywide network of hundreds of public facilities and affiliated non-profit delegate agencies. Frontline staff directly interacting with clients at these sites are already using TechLocator, www.cityofchicago.org/techlocator, a tool created by the City to direct residents to free computers, Wi-Fi hotspots and technology training, which will be updated with new BTOP-funded centers and expanded to include details on training at each site. Based in part on the SmartChicago SBA program, print materials will be developed in multiple languages and Braille for agency staff to use when explaining the impact of technology to clients. For example, FamilyWorks (FW), the CHA's program, connects residents to services and resources. They will promote the centers to all public housing residents via open houses, service fairs, newsletters, door-to-door outreach, and family meetings.

Community Networks: The campaign will expand relationships with trusted CBOs in neighborhoods with low broadband adoption rates. These relationships will be developed by existing partner staff at sites in each neighborhood. For example, CPL's libraries are located in nearly every neighborhood. Staff at each location engages in significant and diverse outreach activities to local schools, parks, businesses, houses of worship, and other institutions to publicize library resources. Get SmartChicago! will also partner with businesses to promote center use to job seekers. For example, DFSS delegate agencies join State of Illinois staff in outreach to companies that are announcing layoffs. At these events, individuals are directed to the WorkNet sites for further services, including technology resources.

Citywide Marketing: The campaign will complement personal outreach and engagement methods with more traditional marketing to reach other potential users. Digital assets will be placed on partner websites, social media sites, etc. Information will also be geared towards family, friends and coworkers of potential users, encouraging them to help connect the digitally-underserved people in their lives. Using the same branding and visual identity, partners will deploy physical signage at each program site describing the available resources and encouraging residents to come in and sample technologies. Existing print channels, like brochures and direct mail, and advertising on public transit will also be used.

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

   ➢ 869853

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Training and Education

Peripherals and equipment

Workstations: The majority of 3,495 end-user workstations will be either Dell 360 desktops or HP DC5700 desktops with the following minimum specifications: Core 2 Duo, 2GB RAM, 80GB Hard Drive. Each workstation, with the exception of laptops, will be equipped with USB keyboards and mice, and 19" LCD monitors, will be directly connected to network access through Ethernet cables, and will come with a 5-yr warranty. Laptops will be Dell Latitude or HP with the same minimum specifications as workstations and 3 yr-warranties. At least 2 workstations per site will be equipped with alternate keyboards and mice. At least one large monitor will be deployed at each site to accommodate low-vision users. Libraries will employ privacy screens. 88 BENG DLP Projector # PB6200 HDTV projectors and 8 Draper Silhouette 72" Gray Screen will be added to library and public housing sites to accommodate class-based training courses. 6 Dell and 6 HP B/W 3005 DN group printers will be deployed at sites regional libraries and community service centers.

Networking: At public housing sites, 1 server will be deployed per site to support the local network. Wireless access points will be deployed at public housing and community colleges and laptops and other workstations will be equipped to connect wirelessly. 22 Cisco routers and 37 switches and 6 Nortel switches will be deployed at libraries and community service centers.

Workstation software

Web Browsing and Desktop Productivity
* Microsoft Windows XP or 7 (All locations)
* Microsoft Office (public housing, community service, senior, workforce, and youth centers)
* Microsoft Internet Explorer (All locations)
* Adobe Flash (All locations)

Training and Education
* Mavis Beacon Teaches Typing (public housing)
* Mavis Beacon Teaches Microsoft Office (public housing)
* Microsoft Money (public housing)
* Online digital literacy training software (public housing)

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* ESOL training software (public housing)
* GED training software (public housing)

Security and Maintenance
* Norton or MacAfee Antivirus(All locations)
* Trend Version 3 Anti-Spyware (public housing)
* Net Nanny 5 (public housing)
* Deep Freeze (libraries)
* Alteris (libraries)
* VNC (libraries)

Accessibility
* JAWS Professional (All locations)
* Zoom Text (All locations)
* Dragon Naturally Speaking (All locations)

Training and education programs

The City and partners will leverage BTOP to resolve a widespread tension in digital education: developing basic technology skills consistently across all populations while also providing learning experiences targeted to users' diverse needs and goals.   SmartChicago will achieve this through a new citywide technology training program that builds on current successful approaches, fosters collaboration, and ensures performance and accountability.
Cross-cutting Training to Support Employment
SmartChicago will leverage the deployment of new public computing resources to change the way that the City and CBOs work together to increase the digital literacy of Chicagoans. These entities currently provide technology training, mentorship and informal assistance to thousands of residents across the city. However, no central capacity exists to evaluate performance, share best practices, develop cutting-edge curricula, or provide resources across all groups to maximize investments and impact.
With BTOP support, the City and its partners will address this challenge by creating a new Digital Skills Initiative (DSI) aimed at improving coordination and capacity of technology training in Chicago. The core of the DSI will be a group of 6 Master Teachers – all with at least master's degrees in technology education – serving two-year fellowships. Working with an experienced Director, local training organizations, community leaders, and experts from the private sector and academia, the Master Teachers will develop curriculum.

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The curriculum will cover basic technology skills required for all residents to identify and maintain employment, use e-government services, and participate in online social and economic spheres. Courses will range from Basic Mouse and Computer Skills to more advanced skills including, Website Design/Creation, etc. Employment-focused training courses may include: Local Resources for Job-Seekers, Company Research for Job-Seekers, Resume Writing/Interviewing Skills, Online Job Applications, etc.. The Master Teachers will also develop or identify metrics and tools for tracking students' mastery of the curriculum.

Deploying this new curriculum to SmartChicago PCCs would also be strengthened through a potential collaboration with Chicago Career Tech (CCT), a job training program aimed at putting displaced Chicagoans back to work in technology jobs. Participants receive fast-track technology training from local colleges/training organizations and complete a service learning assignment and an employer based learning experience. This potential partnership with CCT would provide participants with an opportunity to complete their 16-hour per week service learning requirements at PCCs supported by BTOP. The vision would be for the participants to serve as ambassadors for the curriculum, under the direct supervision of teaching staff at each site. Master Teachers will serve as mentors for the CCT participants, ensuring meaningful service learning experiences through regular site visits and check-ins with local agency staff. Collectively, the CCT apprentices and existing staff will deliver 200,000 additional hours of training, increasing their own confidence/technical skills in the process.

To ensure long-term sustainability and leverage of outside resources, the DSI will be housed at the Smart Chicago Trust Fund. In collaboration with staff at the City and the Trust Fund, the Director will help expand the curriculum to other CBOs not directly involved in BTOP-financed elements, manage broad deployment of private-sector contributions (such as Microsoft Unlimited Potential vouchers) and coordinate training to support other BTOP and Recovery Act programs in Chicago.

In-Depth Education Targeted to Users' Needs

DSI will strengthen the capacity of PCCs to deliver customized training programs. Each Master Teacher will be assigned a user group: community college students, job seekers, public housing residents, public library patrons, seniors, or youth. Tailored curricula will leverage existing training:

Public Library: CPL's librarians are expert in helping patrons find information/resources and provide on-the-fly technology training. CyberNavigators provide one-on-one and class-based training to new users, which has been translated into other languages. Trained/accredited

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teachers provide after school homework help to address the individual needs of children through the Teacher In The Library program.

Public Housing: CHA, through a partnership with TEC Services, Inc., provides free online and instructor-led computer classes for all CHA residents. TEC Services provides qualified instructors with a minimum of 2 staff per site to teach over a dozen courses that lead to 2 certifications. TEC Services also coordinates to provide job skills training opportunities to CHA residents.

Community Colleges: CCC is the largest provider of Adult Education in Illinois, accounting for 29% of the state's enrollment and offers courses in occupational training, personal development, leisure activities, health information technology and green technology.

Seniors: Technology training is provided at many DFSS sites and includes courses in computer basics, Microsoft Office, and email/Internet usage. SeniorNet computer classes are delivered by volunteers, run between 4 and 8 weeks.

Workforce: WorkNet sites provide services to Chicago job-seekers and businesses. Each site has a Resource Center that provides training and public access to digital resources for job search, career exploration, basic skills (reading/math) testing and remediation, skills upgrades, etc. Under WIA, customers of the workforce system can qualify for training vouchers to CCC and private training firms, and placement/job-retention activities.

Youth: Technology training and education is provided at many DFSS sites and includes courses in computer basics, Microsoft Office, and email and Internet usage.

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

> 40000

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

> 5

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

> 6

F. Project Budget

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Project Budget	
Federal Grant Request	$9,142,997
Total Match Amount	$3,947,940
Total Budget	$13,090,937
Match Percent	30.2%

Projects Outside Recommended Funding Range:

➢ This project is not outside of the recommended funding range.

Sustainability:

The City and its partners have made continuous investments in Chicago's public computing capacity for years and will likewise ensure that the technological and programmatic resources initiated by BTOP will be sustained for decades to come. The City will ensure this long-term sustainability through its selection of partners, governance model, and evaluation approach.
City and sister agencies: established service delivery channels
The City and its partners have a demonstrated ability to provide computing services beyond the grant period. The City, CHA, and CCC have 345 years of combined experience in providing public services, housing, and education to Chicago residents and have received billions in federal grants and private funding to do so. The project will create new computer centers at existing government or delegate agency facilities and expand capacity of existing centers, leveraging existing management and financial arrangements to ensure performance and sustainability. Currently, the partners maintain a staff of technicians who manage and operate the telecommunications networks, enterprise systems and end-user computer equipment. Parnters will continue to deliver high-quality service to support new equipment and programs funded through BTOP.
Smart Chicago Trust Fund: long-term sustainability
The Chicago Community Trust, the MacArthur Foundation and the City of Chicago partnered to create The Smart Chicago Trust Fund, an innovative public-private partnership unique to this project, which supports the local sustainability of ARRA investments, BTOP opportunities, ensures transparency, expedites program execution, and promotes private investment. Smart Chicago Trust Fund is a vehicle to promote program sustainability and the management of funds for local implementation of both BTOP objectives and goals set forth in The City That Networks

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and the Digital Excellence Action Agenda for the betterment of Chicago residents. Funds allocated to the SmartChicago, Sustainable Broadband Adoption and the Public Computer Centers as well as matched funds by the MacArthur Foundation (and other sources), will be housed at the Fund.

Recovery Partnership: evaluating for maximum impact

Another element of sustainability is the evaluation component, which will include process evaluation during the implementation period, and outcome evaluation afterward, to guide decision-making about maintaining and expanding programs. The evaluation of broadband is part of the Recovery Partnership collaboration to assess the impacts of ARRA investments across areas such as infrastructure, health, education, environment, and more. The Recovery Partnership is led by the City and the Chicago Community Trust, and includes 40 foundations. Specific plans for evaluating the SmartChicago efforts are described in the SBA proposal.

Matching Funds	
Applicant is providing matching funds of at least 20% towards the total eligible project costs?	Yes
Describe the matching contributions	The cost of two-year SmartChicago PCC project is $13,090,937; $9,142,997 in requested BTOP funds and $3,947,940 in matching funds, 30.15% of total project cost provided by the City and its partners. City of Chicago (Applicant) $1,136,996 | 8.7% of total budget | Cash match Personnel costs support 7 existing City FTEs. Calculations based on current salaries and assume that between 5 and 25% of each positions' time will be spent on program duties. $196,586 are cash match from the Applicant and $14,527 are in-kind match from the Applicant. In-kind match accounts to the staff time expended to prepare the BTOP application. Funding applied toward equipment for community service, senior, workforce and youth centers, and funds toward the Public Building Commission's Construction budget to support build-out at Sulzer and Woodson Regional Libraries. 80 SmartChicago PCC

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locations are libraries. 140 SmartChicago PCC locations.

$19,352 | 0.15% of total budget | In-kind match
Fringe benefits were calculated at 33% of base salaries noted in personnel expenses with no federal request in this category. $63,614 are cash match from the Applicant and $4,805 are in-kind match from the Applicant. In-kind match accounts to the staff time expended to prepare the BTOP application.

Chicago Housing Authority
$222,410 | 1.7% of total budget | Cash match
Funding covers personnel and contractual costs to deploy network and electrical at sites. Calculations based on current salaries and assume 25% of positions' time will be spent on program duties. 8 SmartChicago PCCs will be located at CHA public housing sites.

City Colleges of Chicago
$982,090 | 7.5% of total budget | Cash match
Funding applied toward personnel and contractual services, which will be deployed at community college locations; 8 SmartChicago PCCs will be located at the main community college campuses.

Smart Chicago Trust Fund
$13,280 | 0.1% of total budget | Cash match
Funding will be used to secure computer equipment for SmartChicago PCC program staff, who will be housed at the Trust. The Trust Fund also supports the local sustainability of the American Recovery and Reinvestment Act, BTOP opportunities, ensures transparency, expedites program execution and promotes private investment. Smart Chicago Trust Fund is a vehicle to promote program sustainability and the management of funds for local implementation of both BTOP objectives and goals set forth in The City That Networks and the Digital Excellence Action Agenda for the betterment of Chicago residents.

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	State of Illinois $1,573,812 | 12% of total budget | Cash match If funding is provided by the State, it will be used for bondable capital project expenditures. The State of Illinois has been a long supporter of our efforts to expand broadband and technology access in Chicago and Illinois. Many of the SmartChicago PCC locations are also Illinois WorkNet sites and support a variety of workforce-related initiatives.
Unjust enrichment	The State of Illinois is a major partner in SmartChicago and is expected to submit a proposal for expansion of public computer centers at libraries and community colleges in Illinois to BTOP. If both the City's and State's proposals are selected for funding, the two entities will coordinate to ensure that there is no redundancy. Aside from the State, none of the SmartChicago partners are submitting additional applications for BTOP funding.
Disclosure of federal and/or state funding sources	The Chicago Public Library receives approximately $800,000 annually for E-Rate funding for data and voice circuits. The Chicago Housing Authority receives funding from a variety of Federal sources for their overall technology program, including HUD (see Recovery Act and Other Governmental Collaboration section of this proposal for more details). Chicago has received over $18 million of Workforce Investment Act (WIA) Adult and Dislocated Worker funds through the Recovery Act. This is in addition to an approximately $17 million regular WIA allocation each year, thus essentially doubling our capacity. These funds are being used primarily for direct customer services in the form of case management, assessment, basic skills training, skills training through training vouchers to City Colleges and private training firms, and placement/job-retention activities. One critical gap, that increased service needs leaves, is the technology for computer and Internet/broadband access that these additional staff and job-seekers require. Thus, the WIA resources are leveraged into this project and equally demand the resources being proposed here in order to be fully successful in their functions.

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Budget Narrative	
Budget narrative	PERSONNEL $211,113 (Federal: $0. Match: $211,113) Personnel costs support 7 existing City FTEs. Calculations based on current salaries and assume that between 5 and 25% of each positions' time will be spent on program duties. $196,586 are cash match from the Applicant and $14,527 are in-kind match from the Applicant. FRINGE BENEFITS $67,614 (Federal: $0. Match: $67,614) Fringe benefits were calculated at 33% of base salaries noted in personnel expenses with no federal request in this category. $63,614 are cash match from the Applicant and $4,805 are in-kind match from the Applicant. TRAVEL $1,740 (Federal: $0. Match: $1,740) Travel for two persons one time each to the 58 SmartChicago PCCs located at community service, senior, workforce, and youth centers by City personnel at $15 per trip. EQUIPMENT $4,025,141 (Federal: $2,729,882. Match: $1,295,259) Equipment includes 1,867 computers, 699 Office licenses, 276 licenses for assistive tech software, 276 alternate keyboards and mice, and 1,311 pieces of furniture and other networking and computer equipment for libraries, community service, senior, workforce, and youth centers. Cash match from Applicant. SUPPLIES $0 The Applicant is not charging any supply costs to the program. CONTRACTUAL $44,550 (Federal: $44,550. Match: $0)

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Contractual costs cover imaging, deployment, and installation of networking and end-user workstations at community service, senior, workforce, and youth centers.

CONSTRUCTION
$638,750 (Federal: $0. Match: $638,750)
Construction costs cover minor renovations, electrical, and build-out needed at community service centers and regional libraries.

OTHER
$6,911,924 (Federal: $5,178,480. Match: $1,733,444)
All sub-recipient costs are accounted for in this category. The matching funds include $222,410 (cash) from Chicago Housing Authority, $982,090 from the City Colleges of Chicago, $13,280 (cash) from Smart Chicago Trust Fund, and $1,573,812 (cash) from the State of Illinois.

TOTAL DIRECT
$11,900,852

TOTAL INDIRECT
$1,190,085 (10% of project subtotal)

TOTAL FEDERAL REQUEST
$9,142,997

MATCH
A total match of $3.9 million, which is 30% of the total budget and is comprised of $3,928,588 (30%) in cash match and $19,352 (0.15%) in-kind match:
Applicant: $1,136,996 (cash) and $19,332 (in-kind)
Chicago Housing Authority: $222,410 (cash)
City Colleges of Chicago: $982,090 (cash)
Smart Chicago Trust Fund: $13,280 (cash)
State of Illinois: $1,573,812 (cash)

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	TOTAL MATCH: $3,947,940 TOTAL PROJECT BUDGET $13,090,937
Budget reasonableness	Utilizing Enterprise Standards and Contracts The SmartChicago PCC budget primarily focuses on the addition of equipment to support public computer center services and was calculated using standard rates for equipment purchased by the City and its agencies. The numbers of workstations or laptops were estimated based on available space. Standard procurement procedures and bulk ordering will be followed to ensure the most cost-efficient purchasing. Training staff costs are based on current contractual instructor fees. Construction costs are based on estimates received from the Public Building Commission. Leveraging Existing Delivery Channels Program management costs have been added to support oversight, project management related-activities, and reporting over the period of the grant. The costs are eligible, based on SmartChicago's understanding of the NOFA guidelines. The requested budget is sufficient to carry out the project as described in this application. All other related expenses, such as supplies, will be managed by the department or agency and provided in-kind.
Demonstration of need	The Recovery Act's top-level goal to "stabilize state and local government budgets" is a recognition that municipal governments have been hit particularly hard by the recession and are struggling to maintain basic services, much less make major capital investments. The City is no exception: sales tax revenue has plummeted, and income generated from the real estate transaction tax and income tax has declined dramatically. The severity of the impact from the recessionary national economy will continue to challenge Chicagoans for the next several years, as well as city government's ability to provide the services our residents need. This particular program cannot be implemented without federal support.

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Funds to States/Territories

States	Amount of Federal Grant Request
Illinois	9,142,997

Funds to States/Territories Total: $9,142,997

G. Historical Financials

Matching Funds			
	2007	**2008**	**2009**
Revenue	6,998,600,000	7,052,700,000	6,753,000,000
Expenditures	7,740,100,000	7,827,100,000	7,675,000,000
Net Assets	2,346,000,000	1,604,500,000	682,500,000
Change in Net Assets from Prior Year	741,500,000	774,000,000	922,000,000
Bond Rating (if applicable)	Moody's Aa3, Standard & Poors AA-, Fitch AA	Moody's Aa3, Standard & Poors AA-, Fitch AA	Moody's Aa3, Standard & Poors AA-, Fitch AA

H. Public Computer Center Summary

Jobs	
How many direct jobs-years will be created from this project?	320
How many indirect jobs will be created from this project?	1130
How many jobs will be induced from this project?	522

Methodology used to estimate jobs:

Job creation is based on the Council of Economic Advisors' guide to job creation methodology. Each direct job-year is calculated based on the amount of jobs directly created by the Federal

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BTOP Grant, excluding matching funds. The total job years is based on each year the employee will be hired (e.g. 2 job years for one employee over each of two years). Jobs include:
1 FTE Program Director for 2 years or 8 quarters, for 8 direct jobs, to oversee the SmartChicago PCCs project, including the Digital Skills Initiative, complete quarterly project reports, chair the project Steering Committee, and manage 6 master teachers. 6 FTE master teachers for 2 years or 8 quarters, for 48 direct jobs, to develop training curricula; train and mentor agency staff and Chicago Career Tech (CCT) program participants; and deliver training, 1 Program Assistant for 2 years or 8 quarters, for 8 direct jobs, to support the program director and master teachers with their duties, 64 transitional information technology jobs for 1 year or 4 quarters, for 256 direct jobs, at public housing labs. For a total of 320 Direct Jobs. Indirect Jobs were calculated by subtracting the cost of the direct jobs and any matching jobs from the total project cost. Assuming that $92,000 in spending results in 1 job-year, then 1130 direct jobs will be created. Using the Council of Economic Advisors' methodology, thirty-six percent of the total job-years are induced effects, equivalent to 363 job-years.

Proposed # of Public Computer Centers	
Schools (k-12)	0
Libraries	80
Medical and Healthcare Providers	0
Public Safety Entities	0
Community Colleges	8
Public Housing	8
Other Institutions of Higher Education	0
Other Community Support Organization	30
Other Government Facilities	30

Total Proposed Public Computer Centers	156
Current Total Persons	2896016

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in Service Area

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

Weekly Usage Summary	
Total Current # of Persons Served per 120-hour Business Week	558788
Total Proposed # of Persons Served per 120-hour Business Week	716762
Total Current # of Persons Served per 48-hour Weekend	110750
Total Proposed # of Persons Served per 48-hour Weekend	153091

Broadband Workstation Summary	
Number of Current Workstations proposed to be	1096

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upgraded	
Total Current # of Broadband Workstations	9407
Total Proposed # of Broadband Workstations	12606
Average Current Facility Broadband Connection Speed	9.40 Mbps
Average Proposed Facility Broadband Connection Speed	33.70 Mbps

I. Project Readiness

Licenses and Regulatory Approvals

SmartChicago PCC will abide by the same rules and regulations applicable to private entities in Chicago. In the project timeline, the City has accounted for all approval necessary permits, including: 1) Permits required for renovations and build-out at Sulzer and Woodson Regional Libraries and the 6 community service centers. 2) Electrical permits required for electrical service installations at Sulzer and Woodson Regional Libraries and the 6 community service centers.

Organizational Readiness

The City provides services to residents across various departments and agencies. Facilities are open to the public and many provide free technology services. City staff manages and maintains these citywide resources. Based on this expertise and breadth of service, the City is well-positioned to expand public computing services to Chicago residents.
Funds allocated to SmartChicago Sustainable Broadband Adoption and Public Computer Centers and matched funds from the MacArthur Foundation and other sources will be housed at the Smart Chicago Trust Fund. The Fund, housed and managed by the Chicago Community Trust, allows for faster program implementation by ensuring expedited allocation and oversight. The Trust, for more than 94 years, has worked with local residents and donors to address our region's challenges and opportunities, providing critical charitable resources in the arts, community and economic development, education, health and wellness, hunger and homeless alleviation.
CHA will partner with TEC Services to manage the implementation and support for the technology labs. TEC Services has assisted CHA in renovating and supporting two computer

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labs and has also been delivering training courses to CHA residents. TEC Services has installed and supported over 20 public computer labs throughout the Chicago area and has almost 20 years of experience in providing technology solutions and workforce development programs. CHA/TEC Services will train CHA residents to assist in daily oversight and support.

Since 1989, CPL has built or renovated 41 new branch libraries. Since 2003, the Library team has planned, budgeted, designed and built an enterprise grade network with 99.9% uptime. In a 2 month project in 2007 and a 7 month project in 2008, the Library refreshed all its end user technologies, deploying 3,200 PCs and laptops, and adding power, cabling, furniture and a software rebuild. CPL initiated YOUmedia, a teen-oriented space with technology components.

CCC's network engineers manage the network and are supported by onsite consultants. The team worked on design, installation and configuration of the current network in 2000, and has maintained and improved its features and redundancy. In 2008 they successfully oversaw the design and installation of the distributed LAN network at the Kennedy-King College campus and adjusted the network assuring the new campus fit into the global CCC design and LAN/WAN configuration.

DFSS serves its clients via its own facilities and a network of delegate facilities. DFSS staff currently manages several public technology centers and has successfully deployed technology services at these locations to meet the needs of its diverse client base.

WorkNet sites serve job-seekers at approximately 30 locations across the city. Each center is equipped with technology resources and staff to assist job-seekers with online job searches.

Project Timeline and Challenges

Project Timeline
The following timeline assumes that funding would be allocated by Q4 1010. SmartChicago PCCs equipment deployment will be substantially complete within 12 months. Training through the Digital Skills Initiative will start in Q2 2011 and will run the length of the project and beyond, as well operational activities, including management and reporting.
Project Planning Phase (Q4 2010 – Q1 2011)
* Allocate funding
* Hire new staff
* Conduct procurement processes to obtain contractual services
* ADA site surveys
* Procure licenses and permits
* Hardware/software configuration testing
* Order equipment

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* Develop and test training curricula
* Train the trainers

Project Implementation (Q1 2011 – Q3 2011)
* Complete minor renovations at select sites
* Complete in-building networking and electrical work
* Deploy equipment at locations
* Open 19 new center locations
* Launch Get Smart Chicago! campaign
* Begin conducting training courses at all sites
* Conduct audits
* ADA site surveys
* Collect participant feedback
* Refine training and other services

Project Close (O3 2011 – Q4 2012)
* Close contracts
* Conduct lessons learned
* Complete formal evaluation
* Prepare final reports

Project Challenges
Risk: Delay in on-boarding of new staff and contractors
Probability: Medium
Mitigation Strategy: No new staff will be hired at the City. The Smart Chicago Trust Fund will be able to on-board staff quickly and efficiently. The City will leverage existing contracts with technology equipment and support/maintenance vendors, which will mitigate this issue.

Risk: Delay in equipment deployment
Probability/Impact: Low
Mitigation Strategy: Create and test a step-by-step implementation with input from as many team members as possible. Test the implementation plan both in the lab and on selected test site before committing to the whole project. All of the partners in this program have experience conducting similar projects. As a result, the key partners can immediately start implementation and have streamlined processes to ensure quick and successful deployments.

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Risk: Rapid development of training programs could result in lower quality programming
Probability: Medium
Mitigation Strategy: Train the trainer session feedback will be collected to fine tune curricula. Participant feedback will be collected after every training session and master teachers will regularly fine tune the curricula in response.

Risk: Low SmartChicago PCC site usage
Probability/Impact: Low/Medium
Mitigation Strategy: Wait time data and uptake of existing training programs at existing centers indicate that the probability that new equipment and services will go unused is low; however, appropriate outreach activities will be conducted in order to ensure maximum usage.

SPIN Number

J. Environmental Questionnaire

Does this PCC application have construction or ground disturbing activities?

No

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

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

Yes

 Networking and electrical cabling, furniture, carpeting, counters.

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

Yes

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

Yes

Drywall, carpeting, finishings (paint and molding, ductwork), installation of permanent furnishing including counters, ensuring ADA compliance, upgraded electrical service to facility to handle increased computer usage and safety, interior electrical work.

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

Yes

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

Yes

Digital Skills initiative classes will be held at all locations.

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

No

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

No

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K. Environmental Questionnaire – Part 2

Project Description

Minor interior renovations will be required at the two large regional libraries, Sulzer and Woodson Regional Libraries, and at the Community Service Centers. The Public Building Commission will handle all construction activities.

At Sulzer and Woodson Regional Libraries, interior renovations will be executed that will require some demolition of interior walls. Other construction activities include, putting up drywall, laying carpeting, completing finishings (paint and molding, ductwork) installation of permanent furnishing including counters, ensuring ADA compliance, upgraded electrical service to facility to handle increased computer usage and safety, interior electrical work for both power and low voltage wiring for networking, and upgraded air conditioning service and ductwork. In addition, some minor roof repair may be required.

The 6 SmartChicago PCCs located at the City of Chicago's Community Service Centers will require minor interior renovations including at an average of 100 square feet of renovation per Center which would include, paint and molding, ductwork, permanent furnishing, such as counters, ADA compliance, security, upgraded electrical service to facility to handle increased computer usage and safety, interior electrical work for both power and low voltage wiring for networking, and upgraded air conditioning service and ductwork.

Property Changes

No property will be cleared, excavated, fenced, or otherwise disturbed by the minor interior renovations. The King Community Service Center and South Chicago Community Service Center are in B1-1 and B1-2 zones, a neighborhood Shopping district intended to accommodate a broad range of small-scale retail and service uses. The Garfield Community Service Center and Woodson Regional Library, North Area Community Service Center, and Sulzer Regional Library are in B3-1, B3-5 and B3-2 zones, respectively which indicate a Community Shopping district that accommodates a very broad range of retail and service uses, often in the physical form of shopping centers or larger buildings. The Englewood Community Service Center is in an RS-3 zone, which accommodates the development of detached houses on individual lots. The Trina Davila Community Service Center is in a C1-1 zone, a Neighborhood Commercial district that accommodate a very broad range of small-scale, business, service and commercial uses. The dash 1, 2, or 3 indicates bulk and density designations.

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Buildings

At each community service center site, approximately 250 square feet will be renovated in order to accommodate public computing at the existing site. At Sulzer and Woodson Regional Libraries, approximately 5000 square feet will be renovated.

Wetlands

None of these sites are with 650 ft of a wetland. The review consisted of a 650-foot buffer around the project locations as is typical for a NEPA review.

Critical Habitats

The following report contains Species that are known to occur in Cook County, where the city of Chicago is located:

Birds   Arctic Peregrine Falcon (Falco peregrinus tundrius)   Recovery

Birds   Piping Plover (Charadrius melodus) Great Lakes watershed   Endangered   East Lansing Ecological Services Field Office   Recovery Plan for the Great Lakes population of Piping Plovers View Implementation Progress   Final
Clams   catspaw (Epioblasma obliquata obliquata)   AL; Free-Flowing Reach of the Tennessee River below the Wilson Dam, Colbert and Lauderdale Counties, AL   Experimental Population, Non-Essential   Office Of The Regional Director
Clams   Tubercled blossom (Epioblasma torulosa torulosa) AL; Free-Flowing Reach of the Tennessee River below the Wilson Dam, Colbert and Lauderdale Counties, AL   Experimental Population, Non-Essential   Office Of The Regional Director
Flowering Plants   Eastern Prairie Fringed orchid (Platanthera leucophaea)   Threatened   Chicago Ecological Services Field Office   Eastern Prairie Fringed Orchid View Implementation Progress   Final
Flowering Plants   Leafy prairie-clover (Dalea foliosa)   Endangered   Cookeville Ecological Services Field Office   Leafy Prairie-clover   View Implementation Progress   Final

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Flowering Plants   Mead's milkweed (Asclepias meadii)   Threatened
Chicago Ecological Services Field Office   Approved Recovery Plan for the Mead's Milkweed
(Asclepias meadii)   View Implementation Progress   Final
Flowering Plants   Prairie bush-clover (Lespedeza leptostachya)   Threatened
Twin Cities Ecological Services Field Office Prairie Bush-clover   View Implementation
Progress   Final
Insects Hine's Emerald dragonfly (Somatochlora hineana)   Endangered   Chicago
Ecological Services Field Office   Hine's Emerald Dragonfly   View Implementation
Progress   Final
Mammals   Indiana bat (Myotis sodalis)   Endangered   Bloomington Ecological
Services Field Office   Indiana Bat (Myotis sodalis) Draft Recovery Plan: First Revision   View
Implementation Progress   Draft Revision 1
Reptiles   Eastern Massasauga (Sistrurus catenatus catenatus)   Candidate
Chicago Ecological Services Field Office

Floodplain

None of these sites are in a 100 year or 500 year flood plain.

Protected Land

National Historic Places and Landmarks
A review of the National Register of Historic Places has been completed. Please see
supplemental information, which provides locations of the sites that are listed or eligible on the
National Register of Historic Places and their distance from the PCC sites.

Aged Buildings and Structures
No significant, large-scale construction activities that would threaten the integrity of any
building constructed more than 50 years ago. Further, the City commits that should any such
issue arise during construction, the network design element or construction activity will be
modified accordingly. All interior renovations will meet the requirements of the municipal
building code and will be carried in a manner that maintains the integrity and aesthetics of the
site.

Tribal Lands
The project is solely located within the city of Chicago within Cook County, Illinois. There

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

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are no tribal lands located within this boundary.

State Historic Places
The supplemental information file provides locations of Federal, State, and local registered and/or eligible historic properties. Per area shown, addresses are also provided for these records to clarify if any of these properties would be affected during construction activities.

Coastal Area

The project is not located within a coastal zone management area.

Brownfield

According to the definition of the term "brownfield site" per 72 U.S.C. 9601, the entire city of Chicago is a brownfield site based on the Chicago Fire of 1871, historical industrial activities, historic urban practices and current urban activities.

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Uploads

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

Upload Name	File Name	Uploaded By	Uploaded Date
Management Team Resumes and Organization Chart	4523_ManagementTeam.pdf	Bhatt, Hardik	03/13/2010
Government and Key Partnerships	4523_Partners.pdf	Bhatt, Hardik	03/13/2010
Historical Financial Statements	4523_Historical_Financial_Statements.pdf	Bhatt, Hardik	03/11/2010
Public Center Detail	4523_SmartChicago_PCC_Details.xls	Bhatt, Hardik	03/13/2010
Detailed Budget	4523_SmartChicago_Detailed_Budget.xls	Bhatt, Hardik	03/13/2010
BTOP Certifications	4523_BTOP_Certifications.pdf	Bhatt, Hardik	03/11/2010
SF424 Budget (A or C)	4523_SF424.pdf	Bhatt, Hardik	03/13/2010
SF424 B and D Assurances	4523_SF-424B Assurances.pdf	Bhatt, Hardik	03/11/2010
Supplemental Information	4523_Supplemental_Information.xls	Bhatt, Hardik	03/12/2010

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