



**Broadband Technology Opportunities Program  
Public Computer Centers Program – Sustainable Adoption Program**

<b>Submitted Date:</b> 8/19/2009 8:11:21 PM	<b>Easygrants ID:</b> 2166
<b>Funding Opportunity:</b> Public Computer Centers and Sustainable Broadband Adoption	<b>Applicant Organization:</b> SmartChicago Sustainable Broadband Adoption
<b>Task:</b> Submit Application - Non-Infrastructure Programs	<b>Applicant Name:</b> Mr. Hardik V Bhatt

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**A. General Application Information**

<b>1. Applicant Information</b>	
<b>1-A. Name, Address, and Federal ID for Applicant</b>	
<b>i. Legal Name:</b>	SmartChicago Sustainable Broadband Adoption
<b>ii. Employer/Taxpayer Identification Number (EIN/TIN):</b>	366005820
<b>Street 1:</b>	50 W. Washington St., Suite 2700
<b>Street 2:</b>	
<b>City:</b>	Chicago
<b>County:</b>	Cook
<b>State:</b>	IL
<b>Country</b>	United States
<b>Zip/Postal Code:</b>	60602

<b>1-B. Name and Contact Information of Person to be Contacted on Matters Involving this Application:</b>	
<b>Prefix:</b>	Mr.
<b>First Name:</b>	Hardik
<b>Middle Name:</b>	V
<b>Last Name:</b>	Bhatt
<b>Suffix:</b>	
<b>Telephone Number:</b>	312-744-2601
<b>Fax Number:</b>	
<b>Email:</b>	hbhatt@cityofchicago.org
<b>Title:</b>	CIO

**1-C. Other Required Identification Numbers**

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<b>i. Organizational DUNS:</b>	140652640
<b>ii. CCR # (CAGE):</b>	5K8H5
<b>iii. Funding Opportunity Number:</b>	2
<b>iv. Catalog of Federal Domestic Assistance Number:</b>	<b>BTOP CFDA Number:</b> 11.557 <b>BTOP CFDA Title:</b> Broadband Technology Opportunities Program

**1-D. Organization Classification**

Local, State, or Other Government Entity

**1-E. Applicant Federal Debt Delinquency Explanation**

Is the Applicant Delinquent On Any Federal Debt?

No

**Federal debt delinquency Explanation:**

**1-F. Congressional Districts of:**

**Applicant:** Illinois - 7

<b>Program/Project</b>
Illinois - 1
Illinois - 2
Illinois - 3
Illinois - 4
Illinois - 7



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**2. Project Title and Project Description**

**2-A. Project Title :** SmartChicago Sustainable Broadband Adoption

**2-B. Project Description:** One of three SmartChicago projects, Sustainable Broadband Adoption will drive broadband use through street-level outreach and user-friendly trainings including

- Enhanced access at FamilyNet and Business Centers
- Grassroots promotion by tech-savvy organizers
- Everday Digital and Civic 2.0 workshops
- Digital Youth Networks
- Neighborhood portals
- Hardware incentives
- Business assistance

**3. Project Type**

Classify the particular project type for which you are seeking federal funding.

**Project Type:** Sustainable Broadband Adoption

**Project ID:** 2

**4. Application ID for Multiple Submissions for Identified Service Areas**

The City of Chicago will maximize the opportunities that BTOP provides through SmartChicago, a three-tiered approach to broadband infrastructure, access, adoption and sustainability.

Three integrated proposals will work with and support each other:

- 1) SmartChicago Broadband Infrastructure provides the fiber backbone, service to public facilities and access points.
- 2) SmartChicago Public Computer Centers provides underserved and vulnerable populations with critical public access to broadband, equipment, education, training and support.





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3) SmartChicago Sustainable Broadband Adoption makes use of the infrastructure, supplements the Public Computing Centers and drives demand for broadband—transforming underserved communities into Smart Communities.

The ability to scale these efforts citywide, through the Smart Chicago Trust Fund and a vast network of public, private, non-profit and academic partners, will ultimately lead to a SmartChicago.

**5. Estimated Funding (\$):**

<b>Estimated Funding (\$):</b>	
Federal	7,475,600
Applicant	
State	175,000
Local	
Other	1,350,716
Program Income	
<b>Total</b>	<b>9,001,316</b>

**B. Eligibility Factors**

**6. Eligibility Factors.**

<b>The application must be completed fully, and all required supplemental documentation must be attached.</b>
<b>Applicants must commit to substantially completing their Project (as defined in the NOFA) within two years of the award date, and completing the Project within three years of the award date.</b>
<b>Applicants must credibly demonstrate that their Project advances at least one of the five statutory purposes for BTOP.</b>



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<b>Applicants must demonstrate that but for Federal funding they would not have been able to complete their project during the grant period.</b>
<b>The budget for the project must be reasonable and all costs must be eligible.</b>

6-d. Applicant is providing matching funds of at least 20 percent towards to the total eligible project costs or is requesting a waiver of the matching requirements.  
Yes

**Matching Fund Waiver Request Explanation**

**C. Executive Summary**

**7. Executive Summary of Overall Proposal:**

The City of Chicago created SmartChicago as three integrated proposals that will work with and support each other. SmartChicago Broadband Infrastructure provides the fiber backbone, service to public facilities and access points; SmartChicago Public Computer Centers provides critical public access to broadband, equipment, education, training and support; and SmartChicago Sustainable Broadband Adoption drives demand for broadband, transforming underserved communities into Smart Communities. The ability to scale these efforts citywide, through the Smart Chicago Trust Fund and partners, will ultimately lead to a SmartChicago.

SmartChicago Sustainable Broadband Adoption will use grassroots outreach and user-friendly trainings to change the mindset among vulnerable populations—primarily low-income and minority residents—and empower communities to be proficient users of broadband resources.

The campaign will be managed by community organizations with strong existing programs and trusted relationships with residents. Tech-savvy organizers in each of the five Smart



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Communities (Auburn Gresham, Chicago Lawn, Englewood, Humboldt Park and Pilsen) will promote trainings at “FamilyNet Centers” and other locations. The trainings will help people learn Everyday Digital skills, access culturally relevant content, read and contribute to neighborhood web “portals,” and earn refurbished computers and netbooks. Topics and methods will be tailored for families, youth, seniors, business owners, ex-offenders and leaders.

The goal: more than 11,000 residents will directly experience the power of broadband and will begin using it daily. They in turn will teach friends, neighbors and family members, creating a culture of digital excellence.

All five neighborhoods are low- to moderate-income communities with large African-American and/or Latino populations. With a total population of 267,000, they are representative of neighborhoods across America where broadband usage is below average. Lessons learned will have wide use in Chicago and across the nation.

**OVERVIEW**

The community-run campaign will provide trainings to 5,456 potential broadband subscribers; serve an additional 5,704 through FamilyNet Centers and other free-access points; and reinforce the value of broadband through an awareness campaign and portals that reach 200,000 residents. Over the two-year program, an estimated 11,386 households will become new broadband subscribers, representing growth of about 38,592 individuals. Institutional subscribers will also grow with 11 non-profits and 90 businesses adding or upgrading broadband service.

**INNOVATIVE APPROACH**

The campaign will help residents discover the benefits of digital tools and broadband. By offering many types of programs, in local settings, thousands of individuals will begin using tools that are useful to them.

- Enhanced public access – FamilyNet Centers will be established at six locations with at least 10 desktop stations and three child-friendly computers each. Access will be free, hours expanded to evenings and Saturdays, and a full calendar of trainings will take place. FamilyNet Centers are co-located with established Centers for Working Families that provide financial assistance, training and employment services.



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• Trainings will include:

-Everyday Digital workshops will help residents learn tools such as on-line bill-paying and financial software, social networks (Facebook), on-line commerce, office software including Google docs, photo sharing (Flickr), video (YouTube), blogging, supervision of internet use by children, and use of Skype for free long-distance calls.

-Civic 2.0 programs will help leaders use sites related to safety, services, schools, legislation, zoning and libraries.

-Business technology assessments will help businesses upgrade their systems.

-Business technical trainings will cover accounting, databases, graphics and certification programs.

-A Digital Youth Network will teach multimedia skills, blogging and graphic arts, and YouMedia centers at three libraries will train youth in media creation.

• Portals – Interactive portals for each neighborhood will encourage residents to post and read neighborhood news, events and business listings. See beta at [pilsenportal.org](http://pilsenportal.org).

• Incentives – Refurbished laptop and desktop computers will be distributed to those completing multi-session trainings, adding to the base of broadband users.

• Job creation – Business development groups will promote broadband access to attract new companies. Small disadvantaged technology firms will be contracted to provide tech services for the Smart Communities programs and household users.

By boosting the computer skills of more than 11,000 residents, the program will have a strong positive impact on employment prospects, earning power and educational achievement.

**PARTNERS**

The program will support broadband-intensive programming by partners including the University of Chicago Medical Center (online health); Commonwealth Edison (smart electric meters); Chicago Public Libraries; Chicago Public Schools (on-line education); Chicago



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Transit Authority (maps, BusTracker); and Chicago Police (crime data at [chicagopolice.org](http://chicagopolice.org)).

**QUALIFICATIONS**

This program was designed by the City of Chicago with partners in the five Smart Communities. It will be managed by Local Initiatives Support Corporation/Chicago, which has long-standing neighborhood relationships. The plan is based on six months of work by residents in each neighborhood.

**JOBS**

A total of 312 jobs will be created across eight quarters, based on 17 FTE jobs for trainers, organizers, technical services providers and content creators and editors; and an additional 32 jobs created or saved through technology training for small businesses.

**COST**

Project cost is \$9.0 million, including this request for \$7.45 million and \$1.53 million in cash and in-kind contributions, a 20% match.

**D. Project Purpose**

**Project Purpose: Recovery Act & BTOP Objectives**

**8. Project Purpose**

Four out of every 10 Chicagoans face barriers to broadband access and therefore are limited users of the internet or never use it, according to a July 2009 study, Digital Excellence in Chicago, commissioned by the Chicago Department of Innovation and Technology. The study found particularly low levels of internet usage among older, Latino, African-American and low-income or less-educated residents, all of which are well-represented in the five Smart Communities.

**CURRENT USAGE LEVELS**

Each of the Smart Communities is well below the city-wide average for broadband use and includes census tracts that fit the federal definition of underserved (less than 40% broadband adoption).



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Auburn Gresham, 55,928 residents, 38% usage  
 Chicago Lawn, 61,412 residents, 51% usage  
 Englewood, 40,222 residents, 56% usage  
 Humboldt Park, 65,836 residents, 43% usage  
 Pilsen, 44,031 residents, 38% usage

These percentages are for residents who do not have any home access. Since broadband would benefit dial-up users as well, estimates of the population that would benefit by the Smart Communities initiative are conservative.

The study found that barriers to internet usage are higher than average in the Smart Communities because households in these communities typically have lower incomes and lower educational attainment. Internet use for work is also low in the Smart Communities, ranging from 29 to 37 percent of employed residents, in comparison with 63 percent city-wide.

**BARRIERS TO USAGE**

The study identified three primary barriers to regular broadband use: cost, lack of interest and difficulty of use.

**COST** – An estimated 75,045 residents in the five neighborhoods do not use broadband because of its high cost. The highest percentage on this barrier was in Pilsen, at 62% of residents.

**LACK OF INTEREST** – In the five neighborhoods, 55,885 people are estimated to have “no interest” in using broadband. Responses across neighborhoods were fairly uniform in this category, ranging from 33 to 41 percent.

**DIFFICULT TO USE** – An estimated 47,027 residents don’t use broadband services because they are “difficult to use.” Only 18% cited difficulty of use in Englewood, but in Pilsen it was 41%.

The Broadband Adoption Campaign will address all three barriers by providing aggressive outreach by skilled and tech-savvy organizers, a marketing campaign to promote the benefits of broadband, incentives and free access points to bring more people on line, and training

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programs to de-mystify the use of common digital tools.

Additionally, the Chicago study showed that technology use for health information, education and training, and access to government services (e-government) is consistently lower in the target communities than in the Chicago as a whole. According to national research, less experienced users, those who lack home access, and those who lack high-speed connections typically are less likely to engage in activities online that can enhance their life chances. Technology use and skill can also help to improve employability and mobility in the job market for residents of these communities.

Smart Communities will improve internet use in area businesses and promote job creation and job placement using new technologies. Outreach and assistance will extend the range of online activities by residents, and multiple points of access have been found to yield additional benefits for skills and activities online.

Also working to reduce the barriers are the programs by City partners, which use internet and broadband access to bring benefits to residents, such as better health information (University of Chicago Medical Center), smaller electric bills (through effective use of ComEd smart meters), or at-home learning (via the Chicago Public Schools' CPS On Demand and Virtual High Schools).

**ADDRESSING STATUTORY PURPOSES**

The proposed program, along with the City of Chicago's related proposals, address four of the five BTOP statutory purposes, as follows:

1. Provide broadband access to consumers in unserved areas – NO – Target neighborhoods have broadband service now, though at high cost.
2. Provide improved broadband access to consumers in underserved areas – YES – FamilyNet Centers will provide free access in a familiar setting. Related City of Chicago proposals cover creation of fiber backbone and additional free access at Community Computer Centers.
3. Provide broadband education, awareness, training, access, equipment, and support to community anchor institutions, job-creating strategic facilities, and vulnerable populations. – YES – Awareness campaign and trainings provide numerous opportunities for residents to use broadband for personal, professional and civic purposes, both in the home and at community facilities. Campaign also supports broadband services by City partners.



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- 4. Improve access to and use of broadband by public safety agencies – YES – Chicago Police Department will use backbone capabilities (see related infrastructure proposal).
- 5. Stimulate demand for broadband – YES – Organizing, culturally appropriate trainings and other programs expose residents to power of broadband.

**REINFORCING OTHER OBJECTIVES**

The three proposals are integrated and designed to work with and support each other. SmartChicago Broadband Infrastructure provides the fiber backbone, service to public facilities and access points for neighborhood services. SmartChicago Public Computing Centers enhances the city’s capabilities at libraries, senior centers and workforce development centers. This proposal, SmartChicago Sustainable Broadband Adoption, makes use of the infrastructure improvements, supplements the Public Computing Centers and drives demand for broadband.

**9. Recovery Act and Other Governmental Collaboration.**

The SmartChicago Sustainable Broadband Adoption campaign is directly supportive of other programs that have received federal Recovery Act funding or expect to apply for Recovery Act funding, including:

- Neighborhood Stabilization Program #1 – Four of the five pilot Smart Communities are targeted by the City of Chicago’s \$55 million Neighborhood Stabilization Program. Increased use of broadband and the internet will support existing information campaigns in those neighborhoods focused on returning abandoned properties to use and preventing further foreclosures.
- Neighborhood Stabilization Program #2 – The City of Chicago has applied for \$98 million from the NSP2 program for use in 12 community areas, three of which are Smart Communities. Improved communications and broadband capabilities will be of immediate use in the NSP2 program.
- Youth Ready Chicago, funded by \$1.7 million in Federal Stimulus Funds, is a workplace-training and mentoring program in four of the Smart Communities. The 350 youth who trained in Youth Ready Chicago – all of them very low income – will be candidates for the Digital Youth Network and other programs for content creation and organizing.
- Commonwealth Edison is investing \$71 million in its Advanced Metering Infrastructure



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program that will include broadband connections to 29,000 metered households in the area that includes Humboldt Park, one of the Smart Communities. It is working on a proposal for Federal Stimulus Funds.

- The University of Chicago Medical Center is implementing multiple programs that will drive demand for broadband use (see Question 10). The University’s South Side Health and Vitality Studies program has submitted three proposals (total \$3 million) to the National Institutes of Health Challenge Grant Opportunities program, funded by the Recovery Act. LISC/Chicago is a partner on one of these applications.
- LISC/Chicago has applied for \$1 million in support from the Strengthening Communities Fund of the DHS Office of Community Services, to support its Centers for Working Families (part of this proposal) and other organizations that offer comprehensive employment services and household financial assistance.

The awareness campaign and related training activities in the Smart Communities will lead to greater efficiencies for all of these projects because 1) more people will know about and understand how to access the programs and 2) more people will be comfortable with using digital tools in general, and thus more likely to fully engage in the broadband-related aspects of these programs.

**10. Enhanced Services for Health Care Delivery, Education, and Children**

The Sustainable Broadband Adoption Campaign will enhance the effectiveness of major initiatives by the City and its partners by alerting residents to these services or information sources and by providing training, access and “keyboard time” to help parents, teachers, students and health-care professionals become comfortable with software and user-interfacés. The awareness campaign will help these programs reach thousands of users in the predominantly low- and moderate-income target neighborhoods. Activities below are illustrative of how services will be enhanced.

**HEALTH CARE DELIVERY**

The University of Chicago Medical Center is implementing programs that will drive demand for broadband use and benefit from increased bandwidth to households, medical clinics and doctor offices. Three projects underway are the South Side Health and Vitality Studies, the



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Center for Community Health and Vitality, and the Urban Health Initiative. Projects include creation of Electronic Medical Records systems; telemedicine and videoconferencing with health centers; health education outreach including diabetes education; community asset mapping; and an on-line Health Justice Library that will use a “cybrarian” (web-based knowledge management specialist), literacy consultant and community outreach coordinators to help residents access health information.

The Greater Humboldt Park Community of Wellness will do similar work in its area, spreading information, promoting programs and providing health data via digital tools and broadband.

#### EDUCATION

Students, teachers and parents will gain greater access and familiarity with two programs of the Chicago Public Schools:

- Virtual High Schools offer 100 online courses through 70 schools and have shown an 80 percent completion rate with over 6,500 students enrolled. Smart Communities will provide additional points of access for students including the FamilyNet Centers.
- CPS On Demand is a digital media distribution system with more than 10,000 educational segments available to students and teachers. The broadcast-quality media resources are fully aligned with state standards and available through 400 schools thanks to a \$5 million investment. A goal of the program is to increase digital content creation by youth, including multimedia presentations.

Three of Chicago’s five Elev8 middle schools are in the Smart Communities and will contribute to the viral uptake of broadband services. Funded by an \$18 million investment by Atlantic Philanthropies, the Elev8 schools use extended days, on-site health centers and social supports to transform the lives of their students. All Elev8 schools have active computer-center programs that will be enhanced by improved broadband service.

#### CHILDREN

The Smart Communities program will provide child-sized computer work stations and age-appropriate software at each of the six FamilyNet Centers to encourage families to learn computer skills together.

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**11. Small and Disadvantaged Business Involvement**

Partnering with socially and economically disadvantaged businesses – including those certified in accordance with section 8(a) of the Small Business Act (SDBs) – is at the core of the way local government entities in Chicago do business, and the same will be true for SmartChicago. The City of Chicago and its agencies are committed to achieving high participation of minority- and women-owned businesses in its projects. Many of these City-certified MBE and WBE firms are also federally-certified SDBs.

To ensure that concrete opportunities are reserved for SDBs, the City of Chicago will meet the federal government’s own standard for participation: at least 5% of all SmartChicago work will be undertaken by SDBs. As it does for MBE and WBE goals, the City will closely monitor the project to ensure compliance with the SDB goal.

**E. Project Benefits**

**E-1 – Expanding Broadband Public Computer Center Capacity**

**Public Computer Center Capacity, Including Areas and Populations Served**

**12. Public Computer Centers Availability**

See related SmartChicago Public Computer Centers proposal for details on availability of additional Public Computer Centers, which are distinct from the FamilyNet Centers described in this proposal.

**13. Restrictions on Public Computer Center Use**

The FamilyNet Centers are open to residents of all ages without restriction. For information about other Public Computer Centers, see related SmartChicago Public Computer Centers proposal.

**14. Public Computer Centers Accessibility**

In 1990, Mayor Richard M. Daley created the Mayor’s Office for People with Disabilities (MOPD) to better meet the diverse needs of the more than 600,000 individuals with disabilities who live and work in Chicago. MOPD promotes total access, full participation and equal opportunity for people with disabilities of all ages in all aspects of life.

The FamilyNet Centers and Business Resource Centers referenced in this proposal must



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comply with all laws and regulations relating to disability, including the Americans with Disabilities Act of 1990.

For details of additional assistive technologies available through Chicago Public Libraries and other Public Computer Centers, see the related SmartChicago Public Computer Centers proposal.

**15. PCC - Center Locations, PCC - Center Capacity, PCC - Size and Scope of Target Audience.**

<b>PCC - Center Locations &amp; Center Capacity &amp; Size and Scope of Target Audience.</b>
Public Computer Center: Association House FamilyNet Center Address Line 1: 1116 N. Kedzie Address Line 2: City : Chicago State: IL Zip: 60651  Computer Center Name /Type: Association House FamilyNet Center Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 17830  Hours Open to Public: Average Hours Open to Public Per 120-hour Business Week: 17 Proposed Hours Open to Public Per 120-hour Business Week:53 Average Hours Open to Public Per 48-hour Weekend: 0 Proposed Hours Open to Public Per 48-hour Weekend:4  Broadband Workstations: Current # of Broadband Workstations: 10 Proposed # of Broadband Workstations: 18  Facility Broadband Connection Speed (MBps): Current Facility Broadband Connection Speed (MBps): 1.50 Proposed Facility Broadband Connection Speed (MBps): 100.00  # of Persons Served: # of Persons served per 120-hour business week (current): 38 # of Persons served per 120-hour business week (proposed target): 130 # of Persons served per 48-hour weekend (current): 0 # of Persons served per 48-hour weekend (proposed target): 33



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<p>Public Computer Center: Instituto del Progreso Latino FamilyNet Center          Address Line 1: 2570 S. Blue Island          Address Line 2:          City : Chicago          State: IL          Zip: 60608</p> <p>Computer Center Name /Type: Instituto del Progreso Latino FamilyNet Center          Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 12797</p> <p>Hours Open to Public:          Average Hours Open to Public Per 120-hour Business Week: 40          Proposed Hours Open to Public Per 120-hour Business Week:55          Average Hours Open to Public Per 48-hour Weekend: 0          Proposed Hours Open to Public Per 48-hour Weekend:5</p> <p>Broadband Workstations:          Current # of Broadband Workstations: 10          Proposed # of Broadband Workstations: 18</p> <p>Facility Broadband Connection Speed (MBps):          Current Facility Broadband Connection Speed (MBps): 1.50          Proposed Facility Broadband Connection Speed (MBps): 100.00</p> <p># of Persons Served:          # of Persons served per 120-hour business week (current): 26          # of Persons served per 120-hour business week (proposed target): 61          # of Persons served per 48-hour weekend (current): 0          # of Persons served per 48-hour weekend (proposed target): 15</p>
<p>Public Computer Center: Greater Southwest FamilyNet Center          Address Line 1: 6155 S. Pulaski          Address Line 2:          City : Chicago          State: IL          Zip: 60629</p> <p>Computer Center Name /Type: Greater Southwest FamilyNet Center</p>



**Broadband Technology Opportunities Program  
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Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 17077

**Hours Open to Public:**

Average Hours Open to Public Per 120-hour Business Week: 29  
 Proposed Hours Open to Public Per 120-hour Business Week: 49  
 Average Hours Open to Public Per 48-hour Weekend: 0  
 Proposed Hours Open to Public Per 48-hour Weekend: 4

**Broadband Workstations:**

Current # of Broadband Workstations: 10  
 Proposed # of Broadband Workstations: 18

**Facility Broadband Connection Speed (MBps):**

Current Facility Broadband Connection Speed (MBps): 1.50  
 Proposed Facility Broadband Connection Speed (MBps): 100.00

**# of Persons Served:**

# of Persons served per 120-hour business week (current): 22  
 # of Persons served per 120-hour business week (proposed target): 118  
 # of Persons served per 48-hour weekend (current): 0  
 # of Persons served per 48-hour weekend (proposed target): 29

**Public Computer Center:** St. Sabina FamilyNet Center

Address Line 1: 1210 W. 78th Street

Address Line 2:

City : Chicago

State: IL

Zip: 60620

**Computer Center Name /Type:** St. Sabina FamilyNet Center

Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 12619

**Hours Open to Public:**

Average Hours Open to Public Per 120-hour Business Week: 30  
 Proposed Hours Open to Public Per 120-hour Business Week: 53  
 Average Hours Open to Public Per 48-hour Weekend: 0  
 Proposed Hours Open to Public Per 48-hour Weekend: 4

**Broadband Workstations:**

Current # of Broadband Workstations: 10  
 Proposed # of Broadband Workstations: 18



**Broadband Technology Opportunities Program  
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Facility Broadband Connection Speed (MBps):  
Current Facility Broadband Connection Speed (MBps): 1.50  
Proposed Facility Broadband Connection Speed (MBps): 100.00

# of Persons Served:  
# of Persons served per 120-hour business week (current): 71  
# of Persons served per 120-hour business week (proposed target): 77  
# of Persons served per 48-hour weekend (current): 0  
# of Persons served per 48-hour weekend (proposed target): 19

Public Computer Center: Chicago Commons FamilyNet Center  
Address Line 1: 3441 W. Chicago Avenue  
Address Line 2:  
City : Chicago  
State: IL  
Zip: 60651

Computer Center Name /Type: Chicago Commons FamilyNet Center  
Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 17830

Hours Open to Public:  
Average Hours Open to Public Per 120-hour Business Week: 20  
Proposed Hours Open to Public Per 120-hour Business Week:36  
Average Hours Open to Public Per 48-hour Weekend: 0  
Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:  
Current # of Broadband Workstations: 10  
Proposed # of Broadband Workstations: 18

Facility Broadband Connection Speed (MBps):  
Current Facility Broadband Connection Speed (MBps): 1.50  
Proposed Facility Broadband Connection Speed (MBps): 100.00

# of Persons Served:  
# of Persons served per 120-hour business week (current): 51  
# of Persons served per 120-hour business week (proposed target): 201  
# of Persons served per 48-hour weekend (current): 0  
# of Persons served per 48-hour weekend (proposed target): 50



**Broadband Technology Opportunities Program  
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Public Computer Center: Teamwork Englewood FamilyNet Center  
 Address Line 1: 6301 S. Halsted St.  
 Address Line 2:  
 City : Chicago  
 State: IL  
 Zip: 60201

Computer Center Name /Type: Teamwork Englewood FamilyNet Center  
 Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 12619

Hours Open to Public:  
 Average Hours Open to Public Per 120-hour Business Week: 0  
 Proposed Hours Open to Public Per 120-hour Business Week:40  
 Average Hours Open to Public Per 48-hour Weekend: 0  
 Proposed Hours Open to Public Per 48-hour Weekend:4

Broadband Workstations:  
 Current # of Broadband Workstations: 0  
 Proposed # of Broadband Workstations: 12

Facility Broadband Connection Speed (MBps):  
 Current Facility Broadband Connection Speed (MBps): 1.50  
 Proposed Facility Broadband Connection Speed (MBps): 100.00

# of Persons Served:  
 # of Persons served per 120-hour business week (current): 0  
 # of Persons served per 120-hour business week (proposed target): 38  
 # of Persons served per 48-hour weekend (current): 0  
 # of Persons served per 48-hour weekend (proposed target): 9

**16. PCC- SBA Population Demographics**

<b>Age Distribution</b>
Age Distribution: 0-4
Age Distribution: 5-19
Age Distribution: 20-29





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Age Distribution: 30-39
Age Distribution: 40-49
Age Distribution: 50-59
Age Distribution: 60-69
Age Distribution: 70 and above

<b>Ethnicity or ethnicities</b>
Ethnicity: Hispanic
Ethnicity: Non-Hispanic White
Ethnicity: Non-Hispanic Black
Ethnicity: Non-Hispanic American Indian
Ethnicity: Non-Hispanic Asian
Ethnicity: Non-Hispanic Hawaiian or Pacific Islander
Ethnicity: Non-Hispanic Other
Ethnicity: Two or More Races

<b>Gender</b>
Gender: Female
Gender: Male

<b>Median Household Income</b>
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Median Household Income: Less than \$9,999
Median Household Income: \$10,000 - \$14,999
Median Household Income: \$15,000 - \$24,999
Median Household Income: \$25,000 - \$34,999

<b>Educational Levels</b>
Educational Levels: Nursery school - Preschool
Educational Levels: Elementary - Kindergarten - Grade 5
Educational Levels: Middle - Grade 6 to Grade 8
Educational Levels: Secondary - Grade 9 to Grade 12
Educational Levels: College

<b>Disabilities status</b>
Disabilities status : Not Applicable

<b>Unemployment Rate</b>
Unemployment Rate: 22.00

<b>Language</b>
Language : English - Primary
Language : English - Second Language
Language : Non-English Speakers



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**17. Public Computer Centers Outreach**

See related SmartChicago Public Computer Centers proposal for outreach above and beyond that described in Section 21: Innovative Approach to Sustainable Broadband Adoption, and Section 34: Sustainable Broadband Adoption Awareness Campaign Methods.

**Public Computer Center Capacity: Training and Educational Programs**

**18. Public Computer Centers Peripherals and Equipment**

The SmartChicago Sustainable Broadband Adoption program will help community lead agencies and partners install needed equipment to take full advantage of broadband technologies, and will distribute refurbished or new equipment as incentives to individuals who complete longer training programs.

Total equipment needs for FamilyNet Centers and community agencies are 16 servers, 16 routers, 66 new desktop computers, 18 kid-friendly desktops and 20 laptop computers. Training incentives will be 1,250 refurbished desktop/laptop computers, and 250 netbooks. See Supplemental #1 for detailed breakdown.

a. Neighborhood use

New computers will be added at the six FamilyNet Centers and will be heavily used by participants in classes and workshops.

b. Community organization use

To support heavier use of the internet and high-bandwidth tools, additional equipment and laptops will be deployed at lead agencies and other community partner organizations.

c. Free distribution of refurbished desktop and laptop computers will be used by community groups to encourage youth and adults to participate in and graduate from multiple-session training programs. They will be distributed only after participants have completed a series of trainings and shown a sustainable interest in use of broadband tools or services.

d. Business use



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Graduates of rigorous business training programs will receive a mid- to high-end refurbished laptop or desktop capable of core business functions.

**19. Public Computer Centers Workstation Software**

FamilyNet Centers and other public computer centers will have standard operating system and office software installed on all computers. The Sustainable Broadband program has a verbal commitment from Microsoft Corporation for \$1 million worth of software for this purpose. Microsoft has already provided a \$1.1 million donation of software to Chicago community organizations.

Additional specialized software will include accounting and database programs for business and family use; Adobe Creative Suite for graphics, video and web applications; audio and video editing programs such as Audacity and Final Cut; and educational programs for children.

FamilyNet Centers and other major participants will be provided with site licenses for Efforts to Outcomes software, which will be used to support detailed data collection about program participants and their broadband usage. ETO is already in use at the Centers for Working Families where the FamilyNet Centers will be housed.

**20. Public Computer Centers Training and Education Programs**

Training programs that are part of the Sustainable Broadband Adoption program are detailed in Supplemental #1. Additional training and education will be provided through the related Public Computer Centers proposal.

**E-2- Project Benefits – Sustainable BroadBand Adoption**

**21. Innovative Approach to Sustainable Broadband Adoption**

Unlike conventional top-down advertising campaigns, the SmartChicago awareness campaign will be managed by local organizations that have strong experience in reaching residents in low-income, minority neighborhoods. The campaign is designed to avoid challenges encountered in previous unsuccessful efforts to increase digital adoption in urban areas. The outreach will respond to known interests in the neighborhoods (as defined during the Smart Communities planning processes) and break down barriers identified in the Digital Excellence in Chicago report (Question 8).



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Each neighborhood will have at least one “tech organizer” who will tap into existing networks to promote the many broadband adoption opportunities:

- Workshops in Everyday Digital tools and Civic 2.0 activities.
- Free broadband access at libraries, community technology centers and FamilyNet Centers.
- Information on the community portal and how to post your own.
- Business assistance, technology assessments and tech training for small businesses.
- Incentive programs such as free netbooks and refurbished laptop or desktop computers to reward completion of longer training programs.
- Youth programs that teach video, audio and other broadband-intensive skills.

This approach is culturally appropriate and focused around opportunities offered by trusted, community-based partner organizations, from schools and community centers to advocacy and housing organizations. Residents know about these organizations and may have benefited from their programs or services in the past, so they are more likely to participate than if a “corporate” salesperson came to their door and began “selling” a program.

The approach is viral. It uses “high-touch” personal interaction to connect interested individuals, community leaders and youth with internet tools that they find useful. As they become proficient, they will bring along their peers, family members, grandparents and others who would be much harder to reach through a corporate-style advertising or promotion campaign. For instance:

- A teenager learns to shoot video and post it on YouTube at her library’s YouMedia center. She shows her friends the video and they start shooting their own videos.
- A mother and leader at a local school learns how to use web sites for public safety (CLEARPath), Chicago Public Schools and local organizations. She shows other parents.
- A small business owner posts a directory listing on the community portal and offers coupons as a download. It brings in business; other businesses join in.

The program will directly reach more than 11,000 people through trainings and free broadband access. It is conservatively assumed that these “change agents” will directly influence at least



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one other person each, bringing the total “conversion” population to 22,000 people. This is about 15 percent of the population without broadband at home, a critical mass that will lead the shift to digital excellence.

**22. Sustainable Broadband Adoption Household Subscribers.**

How many total new home subscribers (household accounts) to broadband do you expect to generate through use of BTOP funds over the entire life of the program funded? **11,386**

**23. Sustainable Broadband Adoption Institutional Subscribers.**

How many total new business and/or institutional subscribers to broadband do you expect to generate through use of BTOP funds over the entire life of the program funded? **101**

**24. Sustainable Broadband Adoption Users of Public Access Facilities.**

How many total users of broadband in public computer centers or users of broadband outside the home (e.g., in a community college) do you expect to generate through use of BTOP funds over the entire life of the program funded? **5,704**

**25. Sustainable Broadband Adoption Population Demographics.**

Please refer to PCC – SBA Demographics section (Section E1- Question 17)

**26. Sustainable Broadband Adoption People Trained/Educated.**

If you intend to provide training or education, how many people in total will your program(s) reach? **5,456**

**27. Sustainable Broadband Adoption - Scope of Training/Education Programs.**

How many hours of training do you expect to provide *per person on average* for each participant in your training program(s), through completion of training for that individual? If you will offer multiple programs, provide estimates for each program. **40**

**28. Sustainable Broadband Adoption Instructor Qualifications.**

How many (FTE) instructors/facilitators will you employ for broadband and digital literacy training purposes, and what are their qualifications (training and experience)?

The program will employ 6 full-time FamilyNet Program Coordinators and 3 FTE positions for facilitators and trainers, using part-time staff and contractual trainers who may work at multiple centers. All will have excellent relationship skills with all types of people, and add additional technical skills and experience appropriate to the type of training, as follows:

- FamilyNet Center coordinators – These employees will have strong interpersonal skills, bilingual Spanish capabilities (in some neighborhoods) and strong knowledge of hardware and software including use of the internet, office programs and educational programs for children.
- Everyday Digital – These contractors will be “power users” with knowledge of all aspects of



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web use and common software programs ranging from browsers and search engines to office suites and multimedia programs such as Adobe Creative Suite. They will follow development of new tools and pass on their knowledge to residents through short, fast-paced workshops.

- Portal content creation – Experienced web editors, photographers and writers from LISC/Chicago’s “scribe team” will train community members in how to create top-notch materials from calendar and directory items to news stories, slide shows and video. Most members of the contracted scribe team are former journalists with deep web experience.
- Business technical skills – Business trainers with strong technical skills will be contracted to teach multi-session courses in use of business software, accounting software, databases, video conferencing and other on-line tools. The same or different trainers will lead hands-on sessions in business hardware, including selection and setup of servers, networks, secure wi-fi routers and broadband-based telephone services.
- Technical certifications – Some instructors will have specialized certifications such as CompTIA CTT+, Certified Microsoft Application Specialist Instructor and Internet and Computing Core Certification (IC3).
- Civic 2.0 – Experienced community organizers with web and social-networking skills will teach these courses designed for community leaders, covering how to use web tools for civic engagement and community building. The leaders in turn will pass on the skills at the block club and community organization levels. Topics will include use of: transit maps and BusTracker (including mobile applications); CLEARPath, the Chicago Police safety information database; City of Chicago web services; and local portals and organization web sites.
- Digital Youth Network – These instructors will have experience working with local youth on spoken word, written, video, multimedia and social networking content, and will know how to use the latest software or techniques to showcase student work in a variety of on-line venues. They will be trained by the University of Chicago team that originated the Digital Youth Network at North Kenwood Oakland Charter School.

**29. Sustainable Broadband Adoption Equipment Purchased.**



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How many broadband-related equipment units (e.g. computers, wireless devices) do you intend to purchase overall? **1,620**

**30. Sustainable Broadband Adoption Cost of Devices.**

What is the total up-front cost of this equipment? **819,349**

**31. Sustainable Broadband Adoption Loan Program Participants.**

If you are providing an equipment purchase or loan program, for how many households, businesses and/or institutions do you expect to provide equipment or computers?

**Number of Households: 1,000**

**Number of Businesses: 500**

**Number of Institutions: 60**

**32. Sustainable Broadband Adoption Loan Cost to Borrower.**

If you are employing a loan program for purchases of service or equipment, what will be the total cost to the typical customer you assist over the life of the loan, including all interest and fees?

**33. Sustainable Broadband Adoption Target Population, Awareness Campaign.**

If you are conducting an awareness campaign, how many people do you expect your campaign will reach? **200,000**

**34. Sustainable Broadband Adoption Awareness Campaign Methods**

Raising awareness about broadband will be primarily a grassroots, one-on-one and group-process approach that uses the organizing strategies, workshops, drop-in FamilyNet Centers and computer incentives described in Questions 7 through 20. Backing up this person-to-person approach will be several powerful and pervasive reminders that residents have many ways to participate as members of a “Smart Community.”

**ORGANIZING, TRAINING AND DROP-IN CENTERS.** Organizers in the Smart Communities will reach an estimated total of 8,000 people in Year One and 6,000 more in Year Two (the campaign will be “front-loaded” to do more organizing and outreach in the first year and more training and other programming later). Trainings, workshops and FamilyNet Center orientations will reach a projected 5,456 people across the two years. FamilyNet Centers and other neighborhood sites that offer free computer access, including libraries and other computer centers, will reach an additional 5,704 people who use the computers but do not participate in a training.

**PEOPLE REACHED:** More than 16,000 residents will be reached by direct programming or outreach, and more than 11,000 of those residents will participate in training and/or use free-broadband-access programs.





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**COMMUNITY PORTALS.** These neighborhood-created and -managed web sites provide an on-line place for residents, business owners and others to post calendar items, directory listings, photos, stories and comments about their community (the first portal is live in beta at <http://pilsenportal.org>). Because these sites encourage all organizations and residents to post material and comment on it, they are likely to attract substantially more unique visitors than existing web sites created by single organizations in the neighborhoods. Those sites, in Pilsen, Englewood and Auburn Gresham, attract from 3,000 to 6,000 unique visitors per quarter (Google Analytics, May through July 2009).

**PEOPLE REACHED:** Traffic to the five portals is projected to reach 10,000 unique visitors per quarter per portal: a total of 50,000 unique visitors.

**MARKETING.** A community-focused marketing firm will provide ongoing services to expand awareness of the campaign through local media including community newspapers, radio stations, television, newsletters, web sites and, for major events, larger newspapers. In Pilsen, Chicago Lawn and Humboldt Park, where Spanish is spoken by many residents, Spanish-language media such as the newspaper Hoy and local radio stations will be targeted.

**PEOPLE REACHED:** Publicity via newspapers, radio, ethnic and mainstream television and other media is projected to reach more than 150,000 people in the target neighborhoods over the life of the program.

**ADVERTISING ON BUSES AND ELSEWHERE.** The lead agency in Auburn Gresham has been very successful in raising awareness of its annual Renaissance Festival by purchasing large advertisements on the sides and backs of Chicago Transit Authority buses that drive routes in the neighborhood. The SmartChicago campaign will use ads tailored to each of the five neighborhoods, providing highly visible messages encouraging participation in the trainings, workshops, portals and other program elements.

**PEOPLE REACHED:** Because buses are highly visible and will run on major streets in all five target communities, this approach is projected to reach more than 200,000 residents in the target communities alone. Far more people will be reached beyond the target neighborhoods. Bus advertisements at one bus depot in Auburn Gresham, for example, reach more than 3 million riders per month, not including passers-by that will see the bus. By spreading the word to adjoining neighborhoods, the advertising will stimulate visits to the community portals and



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lead to economic development as viewers check out local attractions and businesses that they learn about on the portals.

These methods are expected to produce 11,386 new broadband subscribers during the two-year life of the program, with further growth in the following year as residents become more proficient (and more dependent) on broadband tools.

**APPLICABILITY TO OTHER PLACES**

The methods described above are very appropriate for reaching the target audience of urban, low- to moderate-income residents in the five Smart Communities. They are based on more than seven years of similar outreach and organizing work conducted as part of LISC/Chicago’s New Communities Program, which includes all five of the target neighborhoods. The neighborhood partners have successfully used one or more of the methods for other purposes and have the expertise, local knowledge and partnerships necessary to make the campaign effective.

The approach is broadly replicable in similar communities in Chicago and other cities that have neighborhood organizations with skills in organizing, community development and coalition building. A background in technology projects is beneficial but not necessary. At least as important is knowledge and practice in grassroots communications including neighborhood-oriented web sites and content creation.

**SUMMARY: PEOPLE REACHED**

**OUTREACH:** 16,000

Trainings for families, youth and community leaders: 4,936  
 Trainings and technology assessments for businesses: 520  
**TOTAL TRAININGS:** 5,456

Drop-in users of on-line services: 5,544  
 Drop-in users at Business Resource Centers: 160  
**TOTAL DROP-IN USERS:** 5,704

Community portal contributors (20 avg. per community): 100



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Community portal users (unique visitors, includes contributors): 50,000  
TOTAL PORTAL USERS: 50,000

People reached through marketing: 150,000  
People reached through transit ads: 200,000  
TOTAL MARKETING AND TRANSIT: 200,000

NOTES: Totals include duplication because those reached by marketing and portals may be the same individuals, who may also participate in trainings.

**35. Measuring Campaign Impact for Sustainable Broadband Adoption**

The SmartChicago program will include evaluation of participation and outcomes to understand what is needed to sustain the effort over time, and for replication in Chicago communities and nationally. LISC/Chicago will measure program participation with data collection systems adapted from those already used in the neighborhoods. Also contributing will be the Recovery Partnership, a collaboration between the city and 40 Chicago foundations to ensure third-party evaluation of Smart Chicago and other ARRA investments. Chicago’s evaluation partnership is a unique strength, offering information about outcomes, sustainability and replication.

A primary data-tracking tool will be web-based Efforts to Outcomes (ETO) software developed by Social Solutions and used by all 12 Centers for Working Families affiliated with LISC/Chicago. ETO is also used by Girl Scouts of America, United Way and many other organizations.

The sites will use ETO to capture snapshot data about a client's circumstances at a specific moment in time, and service and outcome-level information that reflects what services were provided and any new skills or benefits gained. ETO will track:

- Participation in training and workshops, by type of training and type of user (business owner, family, job-seeker, Civic 2.0, Everyday Digital, etc.)
- Drop-in participation for computer use, by number of people, age and hours of use
- Skills and types of uses at points in time, to measure change in broadband uses.

Growth in households that pay for broadband services will be another core measure of the campaign’s impact, using data from cooperating broadband services providers and from a city-



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wide survey in 2011 that will compare against the 2008 baseline. The study will include both a panel (repeat surveying of respondents from 2008 where possible) and the addition of randomly-selected new respondents (hierarchical linear models).

Web portals – Google Analytics data will be collected for the five portals, tracking unique visitors, geographic location, search terms, referring links, top content, and page views.

Marketing exposure – LISC/Chicago will use circulation and “impressions” data from news and advertising outlets to estimate total reach via press releases, marketing and advertising.

Interviews and focus groups with FamilyNet participants will also be performed to understand whether or how their technology use has changed as a result of their participation, and to understand further needs or remaining barriers. Skill surveys will be administered to a randomly selected group of participants to track changes in technology knowledge and skills.

Citywide surveys will also track student use, knowledge and skill; increases in technology use at libraries; increase in broadband use by local businesses and increases in technology leadership in community organizations.

**36. Sustainable Broadband Adoption Total Cost Per New Subscriber.**

What is the total cost of your project per new subscriber (household, individual, or institutional) or new end-user? 233.24

**F. Project Viability**

**Technical Viability**

**37. Technology Strategy**

**37 - A. Public Computer Center Technology Strategy**

A separate technology strategy is described in the related Public Computer Centers proposal. The Broadband Adoption strategy follows in question 37B.

**37 - B. Sustainable Broadband Adoption Technology Strategy**

‘High-Touch,’ Research-Based Approach Will Overcome Barriers

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Public Computer Centers Program – Sustainable Adoption Program**

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As detailed throughout this proposal, the City and LISC/Chicago will use an innovative grassroots approach that engages a diverse network of partners to drive demand for broadband usage. In contrast to a top-down advertising and sales model, this approach will use trusted local institutions and peer-to-peer, sidewalk-level marketing to expose residents to the power of broadband and ultimately convert them to regular users and subscribers.

This approach directly responds to the three principle barriers to broadband use among non-users, as identified in the 2009 study, Digital Excellence in Chicago:

“HAVE NO INTEREST” – By promoting varied programs about internet tools to people of all ages and interests, and providing user-friendly trainings in a comfortable neighborhood environment, the program will help non-users see the value of broadband for everyday purposes, from personal and recreational use to tools that help them gain a better job or use their money more efficiently.

“COSTS TOO MUCH” – Expanded free access at FamilyNet Centers, local libraries, business resource centers and other locations (including community workplaces and local businesses offering free wireless) will help residents use the internet more frequently and ultimately convert them to daily users with a household broadband subscription. Low-cost subscriptions offered through the related City of Chicago infrastructure proposal will further reduce the cost barrier.

“TOO DIFFICULT” – Multiple forces will work to erode this barrier: trainings in simple tools show that the internet is not difficult at all; people show their family members or friends (and children show their parents) how to access broadband services like video or photo sharing; and partner programs by ComEd, University of Chicago Medical Center, Chicago Sister Agencies and others expose residents to internet uses that are valuable to them and user friendly.

These solutions are widely applicable in other communities because they are based on proven methods and best practices of community development. LISC/Chicago’s New Communities Program, the nation’s largest experiment in comprehensive community development, uses exactly the methods outlined in this proposal, starting with community planning (already conducted in the five communities), “early-action” projects that create momentum and show success (also underway, with pilsenportal.org as an example), and long-term build-out of the community-planned program via trusted ongoing partners.

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After seven years of operation, the New Communities Program has provided tangible quality-of-life benefits for tens of thousands of residents and hundreds of local organizations. The Smart Communities program is built on that platform of successful work in neighborhoods and has excellent prospects of success.

**Organizational Capability**

**38. Management Team Resumes.**

Please refer to upload section at the end of document.

**39. Organizational Readiness**

The City of Chicago and its sister agencies, including the Chicago Public Libraries and Chicago Public Schools, have been creating a culture of “digital excellence” since the 1990s. They have created heavily used internet-access centers in all 79 libraries, installed hundreds of school computer labs and launched an ambitious effort to bridge the digital divide, culminating in the May 2007 plan, The City That Networks: Transforming Society and Economy through Digital Excellence.

Over the same period, LISC/Chicago and its neighborhood partners have built a path-breaking program of digital communications to support development of healthier communities. LISC/Chicago put digital tools at the center of its strategy seven years ago when it launched the New Communities Program in 16 low- and moderate-income neighborhoods. It has built or helped build 18 web sites, blogs and multi-media sharing sites that serve the neighborhood programs, and provided trainings in e-newsletters, video/audio production, web site management and interactive mapping. The “ecosystem” of web sites related to NCP programs attracts 26,000 visits per month.

The City and LISC/Chicago began working together in January 2008 to develop the Smart Communities approach presented here. Each of the five communities convened stakeholders and developed digital adoption programs that responded to local needs and desires. Each plan was built around local partnerships and culturally appropriate methods.

At all three levels – City of Chicago, LISC/Chicago and Smart Communities – the organizations are well prepared to implement and manage this project. They worked closely together to develop the approach in this proposal and have already begun implementing their



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plans using funding from the MacArthur Foundation and the Illinois Department of Commerce and Economic Opportunity.

This project is similar or smaller than other multi-neighborhood projects implemented by LISC/Chicago with strong City of Chicago involvement. Examples:

- Elev8 is a \$37.5 million project in five NCP neighborhoods including three of the Smart Communities. The program has built five in-school health centers and dramatically expanded after-school and parent programming. It will be a local partner in three Smart Communities. LISC/Chicago secured the 1:1 match required by Atlantic Philanthropies to leverage the initial \$18 million investment.
- YouthReady Chicago is an eight-week summer program of training and employment for low-income youth that has grown in each of the last three years thanks to leadership by LISC/Chicago, its neighborhood partners and the City of Chicago. In 2009 it engaged youth in four of the five Smart Communities.

Additional support will be provided by the Smart Chicago Trust Fund housed and managed by The Chicago Community Trust. The Trust provides charitable resources in the arts, community and economic development, education, health and wellness, hunger and and other areas.

**40. Organizational Chart.**

Please refer to upload section at the end of document.

**Community Involvement**

**41. Key Partners**

SmartChicago will drive broadband adoption through multiple partners at the citywide and local levels:

**NEIGHBORHOOD LEAD AGENCIES**

(coordinate program, outreach and organizing in each area)

Greater Auburn-Gresham Development Corp., Carlos Nelson, Executive Director



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Greater Southwest Development Corp., Donna Stites, Deputy Director  
Bickerdike Redevelopment Corp., Christy Prahl, NCP Program Manager  
The Resurrection Project, Raul Raymundo, Executive Director  
Teamwork Englewood, Rev. Rodney Walker, Executive Director

**FAMILYNET CENTERS**

(provide free access, Everyday Digital and Civic 2.0 trainings, link to employment and financial services)

St. Sabina Employment Resource Center (Auburn Gresham), Lisa Ramsey  
REACH Center (Chicago Lawn), Livia Villareal  
Kennedy King College Hull House (Englewood), Rev. Rodney Walker  
Instituto del Progreso Latino (Pilsen), Tom Dubois or Yesenia Cervantes  
Association House (East Humboldt Park), Miguel Palacio  
Chicago Commons (West Humboldt Park), Don Valliere

**NEIGHBORHOOD PARTNERS**

(outreach, specialized trainings, organizing, youth, ex-offenders)

Safer Foundation, Jodina Hicks  
Southwest Organizing Project, David McDowell, NCP Organizer  
Inner City Muslim Action Network, Veronica Zapata, Career Development Coordinator  
ProsArts, Elvia Rodriguez, Director of Community Programs  
Casa Michoacan, Alheli Herrera  
Gads Hill Center, Barbara Castellan, CEO  
San Jose Obrero Mission, Israel Vargas, Executive Director  
One-stop Re-entry Service, Rev. Rodney Walker  
Puerto Rican Cultural Center, Raul Echevarria

**BUSINESS RESOURCE CENTERS**

(trainings, technology assessment referrals, business attraction)

63rd Street Growth Commission & Special Service Areas #2 and #3, Nick Kollias, Commercial Director  
Special Service Area #32, Cheryl Johnson  
Illinois Hispanic Chamber of Commerce, Rafael Barreda  
Eighteenth Street Development Corp., Hector Saldana  
West Humboldt Park Family and Community Development Council, Tom Otto





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**LIBRARIES**

Rudy Lozano Branch, Amy Eshleman, Asst. Commissioner, Chicago Public Library  
(New) West Humboldt Park Branch, Amy Eshleman  
Thurgood Marshall Branch, Amy Eshleman

**SCHOOLS**

Marquette School  
Gage Park High School  
Orozco School  
Perspectives Charter School  
Humboldt Park School (TBD)  
Englewood School (TBD)

**DEMAND GENERATION PARTNERS**

Commonwealth Edison (electric utility)  
University of Chicago Medical Center

**42. Partnering with Disadvantaged Businesses**

Partnering with socially and economically disadvantaged businesses– including those certified in accordance with section 8(a) of the Small Business Act (SDBs) – is at the core of the way local government entities in Chicago do business, and the same will be true for SmartChicago. The City of Chicago and its agencies are committed to achieving high participation of minority- and women-owned businesses in its projects. Many of these City-certified MBE and WBE firms are also federally-certified SDBs.

To ensure that concrete opportunities are reserved for SDBs, the City of Chicago will meet the federal government’s own standard for participation: at least 5% of all SmartChicago work will be undertaken by SDBs. As it does for MBE and WBE goals, the City will closely monitor the project to ensure compliance with the SDB goal.

Also, the program will provide direct support to hundreds of the small businesses in the Smart Communities commercial districts, many of which are owned by minorities and/or women. They will be primary targets and beneficiaries of business technology assessments and training programs.



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**Ability to Start Promptly & Timeline**

**43. Project Timeline and Challenges**

The implementation plan will cover 30 months (because programs will continue into Year 3) and be broken into seven overlapping categories. A detailed quarterly work plan is provided in Supplemental #1.

Major categories of work include:

**PROGRAM STARTUP AND MANAGEMENT**

- Meeting of management team
- Hiring of key staff
- Build out and set up of ETO, data systems
- Training for new staff and consultants
- Bidding and finalizing of key contracts
- Partner grants made
- Curricula development
- Equipment purchase for nonprofit partners
- Develop computer refurbishment incentive programs
- Compliance/reporting visits by LISC to partner sites
- Quarterly reporting to NTIA
- Program evaluation

**ORGANIZING CAMPAIGN**

- Asset mapping
- One-on-one campaign
- Connect youth/schools to Digital Youth Network
- Connect residents to FamilyNet Centers
- Connect businesses to Business Resource Centers

**MARKETING CAMPAIGN**

- Develop branding and marketing campaign



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Field test marketing  
Develop collateral materials and distribution plan  
Run bus, radio, newspaper ads  
Evaluate and refine message

**FAMILYNET CENTERS**

Facility build out  
Field testing curriculum  
FamilyNet orientations  
Everyday Digital and Civic 2.0 classes  
Computer incentives  
Evaluate and refine curriculum

**DIGITAL YOUTH NETWORK AND YOUMEDIA**

Work with U of C to adapt DYN for new schools  
Set up MOAs with target schools for summer program  
Recruit summer youth and teacher/trainers  
Conduct summer program  
Computer incentives  
Set up MOAs with schools for after-school program  
Recruit/train students and mentors  
Conduct Digital Youth Network after-school program  
Adapt YouMedia program for three new libraries  
Provide YouMedia programming

**PORTALS**

Refine beta portal at pilsenportal.org  
Train local content managers and contributors  
Deploy scribes to assist in core local content  
Integrate youth content from Digital Youth Network

**BUSINESS DEVELOPMENT AND ATTRACTION**

Develop business technology assessment tool  
Conduct business technology assessments  
Conduct business technology trainings



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- Computer incentives
- Help small tech-services firms develop business plans
- Connect firms to partners/residents via service plans
- Develop business attraction program
- Launch business attraction program
- Bring broadband-intensive businesses to communities

NOTE: Programs continue into Year 3 at local schools (Digital Youth Networks) to coincide with school year. Training, workshops and free broadband access continue into Year 3 at FamilyNet Centers as sustainable component of the program.

**PROGRAM STARTUP AND MANAGEMENT:** Includes screening/hiring of staff and consultants; buildout of FamilyNet Centers; technology acquisitions; development and pilot testing of curricula; asset mapping by organizers to identify leaders and organizations; development of computer refurbishment and tech services partnerships; development of compliance/reporting systems.

**ORGANIZING, MARKETING AND TRAINING:** Includes initial marketing of Smart Communities; organizing campaign; rollout of training programs; advanced training in later quarters; incentive programs; buildout of portals; and rollout of business attraction campaign.

**BROADBAND ADOPTION PROGRAMS:** User base begins growing by Q3 with growth in broadband usage initially at the FamilyNet Centers, Business Resource Centers and other public access points. By Q4, growth begins for household, business and institutional subscriptions.

**CHALLENGES:** Key challenges will include development of an adequate pool of technical and managerial resources; oversight of the work across five Smart Communities to maintain quality; and conversion of new broadband users to household subscriptions if economic conditions do not improve or rollout of affordable broadband services is delayed. Another potential challenge is that equipment purchased through the program could be lost, stolen or used for illegal purposes.

**MITIGATION:** LISC/Chicago has extensive experience in managing complex, multi-neighborhood programs through its New Communities Program, which has leveraged more



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than \$500 million in investment in the 16 participating neighborhoods over the past seven years. LISC uses a rapid-feedback system to monitor programs and respond to keep programs on track. It has successfully intervened in dozens of situations to keep programs moving forward and making their goals. LISC will ensure that the program secures the professional resources needed to develop and implement solid oversight including procurement, inventory and reporting procedures to mitigate against mismanagement or potential misuse of grant dollars.

**44. Non-Infrastructure Projects - Licenses and Regulatory Approvals**

None

**45. Legal Opinion.**

Please refer to upload section at the end of document.

**G. Project Budget & Sustainability**

**Project Profile: Budget and Budget Narrative**

**46. Budget Narrative**

The SmartChicago Sustainable Broadband Adoption Campaign has a total budget of \$9.0 million to support its core activities including startup and management; organizing, marketing and training; and broadband adoption programs. That includes this \$7.48 million request and an in-kind and cash match of \$1.53 million.

**PERSONNEL**

\$1,883,947

Supports 14 new FTEs and partial support for 8 positions (3 FTE) at LISC and across 11 community-based organizations. Base salaries align with current market salaries and assume 3% salary increases per year.

1.5 FTE at LISC/Chicago and 1 FTE at LISC NY to manage program, government contract, grants and compliance issues.

6 FTE FamilyNet Center coordinators and 6 FTE Tech Organizers are new staff added across the 5 target communities.



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Year 2 support for 3 Smart Communities Program managers who lead the local programs (1.5 FTE).

.25 support of 4 FTE Center for Working Families Directors who will oversee the FamilyNet Center program.

**FRINGE BENEFITS**

\$565,184

Calculated at 30% of base salaries noted in personnel expenses.

**TRAVEL**

\$24,200

Supports 11 community organizations' local travel to be documented per mile at federal rate (.55/mile) and/or public transit allowance, plus conference travel airfare to appropriate trainings and conferences for staff development around issues related to technology, community-based outreach, etc.

**EQUIPMENT**

\$819,349

Includes purchase of new and refurbished equipment for public computing, neighborhood partners and a residential/business broadband adoption incentive program.

Total equipment needs are 16 servers, 16 routers, 66 new desktop computers, 18 kid-friendly desktops, 20 notebook computers, 1,250 refurbished desktop and notebook computers, and 250 netbooks. Procurement procedures will ensure most cost-efficient purchasing.

Additional equipment includes furniture, computer security equipment and specialized software and licenses including Adobe Creative Suite (graphics, video), accounting and database programs.

**SUPPLIES**

\$67,000

Includes annual allocation for 11 community organizations directly engaged in broadband adoption campaign and printing costs for collateral materials.



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**CONTRACTUAL**

\$3,260,850

Contractual work will support core program development, management and implementation of broadband adoption campaign. Consultants will be on direct contract to LISC/Chicago or to a set of community partner organizations. LISC/Chicago will contract directly for the following activities:

1. An experienced federal government compliance consultant to support LISC and community partners.
2. Curriculum development for Everyday Digital and Civic 2.0 and business technology tool assessments.
3. University of Chicago Urban Education Institute to replicate its Digital Youth Network across 5 public schools, and Chicago Public Library to bring YouMedia program to three branch libraries.
4. Professional team of journalists/scribes for portal content creation.
5. Marketing firm to develop broadband adoption branding campaign and collateral material design.
6. Effort To Outcomes – client tracking database enhancements
7. Business plan development for local technology firms to take on new business tied to increased tech support demand.

Community organizations will contract directly on the following:

1. Part-time technology trainers at FamilyNet Centers to provide trainings and other programming.
2. Youth summer program to pay youth stipends and summer instructors.
3. Local web portal managers.
4. Local business resource centers for business tech assessments, classes and management of computer incentive programs.
5. Paid local advertising to support broadband awareness campaign.
6. Technology service plan contracts to maintain equipment and support development of local technology firms.

**CONSTRUCTION**

\$108,000

Modest build-out and physical enhancements will be made across the six existing sites that will



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be expanded to become FamilyNet Centers. Build-out will allow for more computer work stations, kid-friendly environments, and adequate A/C and electrical systems to support the expanded computer resource rooms.

**OTHER**

\$0

Meeting and hospitality expenses will be provided as a match by LISC/Chicago.

**DIRECT**

\$6,728,530

Total direct expenses

**INDIRECT**

\$747,070

LISC's approved federal indirect rate is .2256 and it is applied as follows:

1. Direct operations and expenses are calculated at 100%
2. Grants over \$25,000 are calculated at the # of grants X \$25,000 X .2256.
3. Of the total direct expenses, \$2,161,481 are classified as direct operational expenses for LISC = \$487,630.
4. LISC projects that the remainder, \$4,567,049, will be re-granted to 23 nonprofit partners annually (46 grants) average amount of \$99,285 = \$259,440.

Based on the above formula the allowable indirect amount charged is \$747,070.

**TOTAL REQUEST**

\$7,475,600

**MATCH**

- LISC/Chicago: \$653,632
- MacArthur Foundation: \$605,000
- State of Illinois: \$175,000
- Program design and development: \$92,084
- TOTAL MATCH: \$1,525,716**

Almost \$4 million will be expended in 2010 for personnel, program start-up, marketing and





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equipment purchase and the remainder of \$2.97 million expended in 2011 to support personnel and direct program expenses.

The Broadband Adoption Campaign will provide training and workshops to 5,456 people; serve an additional 5,704 through FamilyNet Centers and other free-access points; and reinforce the value of broadband through an awareness campaign and neighborhood portals that reach 200,000 residents. Institutional subscribers will also grow with 11 non-profits and 90 small businesses adding or upgrading broadband service. An estimated 11,386 households will become new broadband subscribers, representing growth in the user base of about 38,592 individuals. The \$9.0 million budget efficiently translates into an investment of \$233 per new individual user.

**47. Non-Infrastructure Projects - Budget Reasonableness**

LISC/Chicago has more than ten years experience developing complex, cross-community programs, including budget development, researching expenses and managing to budget. The New Communities Program, upon whose experience the Smart Communities builds, has an annual budget of \$7.6 million, which is managed by LISC through an array of direct operation expenses, grants and contracts.

LISC/Chicago is also currently managing an ARRA-funded contract of \$1.68 million with the City of Chicago’s Department of Family Support Services through which it is managing direct costs, grants and consultant contracts within budget.

As noted in Question 37 (SBA), personnel expenses are based on current market salaries for similar positions. Equipment and technical consultant agreements were priced after consultation with local industry leaders and research.

The budget is based on industry experience, recent community planning, real-time research and feedback from related industry leaders; it is reasonable given the complexity of the tasks and the expenses tied to solid program management as well as federal requirements for contract reporting and compliance.

The two-year budget of \$9 million across five communities equates to approximately \$900,000 invested in each community annually to support a network of community partners, businesses

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and grassroots leaders as they mount an innovative campaign that increases public computing access and delivers new trainings, new equipment and new services.

The \$7.48 million Federal investment represents a significant, yet sufficient, commitment for the projected work plan and will leverage considerable new investment and uptake in broadband usage.

**48. Demonstration of Financial Need**

The City of Chicago expects a budget shortfall of \$517 million for 2010. This program cannot be implemented without Federal support.

LISC/Chicago has been unable to raise funds for several components of this project despite repeated efforts over the past three years. The community portals and related communications support, for instance, were the subject of three consecutive proposals to the Knight News Challenge program. The program was refined and improved between proposal submittals but continued to be unfunded.

Lack of funding has meant that LISC/Chicago was unable to respond to neighborhood requests for additional trainings in digital skills despite strong success at earlier trainings for e-newsletters, web site management, video, audio and digital mapping.

**49. Historical Financial Statements.**

Please refer to upload section at the end of document.

**Project Profile: Long Term Sustainability**

**50. Sustainability.**

**51 - A. Public Computer Center Sustainability**

See below for the sustainability plan for Sustainable Broadband Adoption. A separate and related sustainability strategy for public computer centers is described in the SmartChicago Public Computer Centers proposal.

**51 - B. Sustainable Broadband Adoption Sustainability**



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To support sustainability of broadband adoption, ensure transparency and promote private investment, the Chicago Community Trust, the MacArthur Foundation and the City of Chicago have entered into an agreement to create the SMART CHICAGO TRUST FUND. The Fund will support local implementation of SmartChicago initiatives, which were originally conceived by the Digital Excellence Plan of the City of Chicago for the purpose of eliminating the digital divide between residents and communities in metropolitan Chicago.

The Smart Chicago Trust Fund will house and distribute all funds, including the Federal BTOP grants, that are allocated to the SmartChicago, Sustainable Broadband Adoption Program and the Public Computer Centers, as well as matched funds from the MacArthur Foundation and other sources. Smart Chicago Trust Fund is a vehicle to promote program sustainability and the management of funds for programs that address BTOP objectives and the goals set forth in the City of Chicago documents, The City That Networks and the Digital Excellence Action Agenda. The Fund will provide oversight of funds for the SmartChicago Project, specifically sustainable adoption and public computer centers.

The programs outlined in this proposal will live beyond the two-year grant period because they will be integrated with and bring value to existing long-running programs affiliated with LISC/Chicago, including the New Communities Program and the Centers for Working Families.

The nature of broadband adoption is that it creates value and efficiencies for users, whether they are households, local institutions or businesses. The training, marketing and affordable broadband rates created under this and related proposals will provide the learning time needed for users to value the higher speeds and capabilities that broadband brings.

They will continue to subscribe, even as rates climb, beyond the program period.

Also, the households, small businesses, technical services firms and local organizations will have a stronger base of technical skills and experience after the two-year program, and will continue to create additional broadband adoption among their peers, friends and colleagues.

LISC/Chicago and its partners will continue to support some aspects of the program beyond the grant period, including the community portals and communications training and assistance to the neighborhood agencies. Advertising planned for the portals will provide basic revenue to



**Broadband Technology Opportunities Program  
Public Computer Centers Program – Sustainable Adoption Program**

<b>Submitted Date:</b> 8/19/2009 8:11:21 PM	<b>Easygrants ID:</b> 2166
<b>Funding Opportunity:</b> Public Computer Centers and Sustainable Broadband Adoption	<b>Applicant Organization:</b> SmartChicago Sustainable Broadband Adoption
<b>Task:</b> Submit Application - Non-Infrastructure Programs	<b>Applicant Name:</b> Mr. Hardik V Bhatt

cover hosting and other costs for the portals, and LISC/Chicago will work with neighborhood groups to seek new sources of funding from foundations, businesses and non-traditional funders.

**Project Profile: Outside Leverage**

**51. Matching Funds.**

Please refer to upload section at the end of document.

**52. Unjust Enrichment**

SmartChicago is submitting three separate applications, for Broadband Infrastructure, Public Computing Centers, and Sustainable Broadband Adoption. Each of these has a separate budget, and there is no “double dipping” between the applications. Items funded via one application will not be requesting funding for the same item in another application.

Chicago has not applied for Federal funding for these same items in any other process.

**53. Disclosure of Federal and/or State Funding Sources**

SmartChicago Sustainable Broadband Adoption benefits from the following sources of match funding:

- \$653,632 - LISC
- \$605,000 - MacArthur Foundation
- \$175,000 - State of Illinois Department of Commerce and Economic Opportunity
- \$92,084 - Program design and development

\$1,525,716 - TOTAL MATCH

**54. Buy American.**

Is the applicant seeking an individual waiver of the Buy American provision?  
No

**Buy American Waiver Request Explanation**



**Broadband Technology Opportunities Program  
Public Computer Centers Program – Sustainable Adoption Program**

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**H. DOC Environmental Checklist**

55. **SECTION 1** – Please refer to upload section at the end of document.

**I. Compliance and Certification**

56. **Certification and signature.**  
Please refer to upload section at the end of the document.



**Broadband Technology Opportunities Program  
Public Computer Centers Program – Sustainable Adoption Program**

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**Uploads**

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

<b>Upload Name</b>
02. Q24 PCC; Q29 SBA - Management Team Resumes
03. Q26 PCC; Q31 SBA - Organization Chart
04. Q27 PCC; Q32 SBA - Key Partners
05. Q28 PCC; Q33 SBA Partnering: Disadvantaged Bus
06. Q35 PCC; Q40 SBA - Historical Financial Statem
06. Q35 PCC; Q40 SBA - Historical Financial Statem
08. Environmental Checklist
09. Compliance and Certifications*
10. CD-511 Certification - Lobbying, Upper Tier*
12. SF-424A Budget Information Non-Construction**
13. SF-424B Assurances Non-Construction



**Broadband Technology Opportunities Program  
Public Computer Centers Program – Sustainable Adoption Program**

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17. Legal Opinion*
18. Authentication*
19. Supplemental Information 1
20. Supplemental Information 2

To preserve the integrity of the uploaded document, headers, footers and page numbers have not been added by the system

**MANAGEMENT TEAM RESUMES**  
**for SmartChicago Sustainable Broadband Adoption**

**JULIA STASCH**

Julia Stasch is Vice President of the Program on Human and Community Development of the John D. and Catherine T. MacArthur Foundation. She is responsible for all aspects of the Foundation's grantmaking in the U.S., particularly related to issues of people and place – community and economic development, affordable housing and urban and regional policy – as well as system reform in public education, juvenile justice and mental health; and policy research on cross-cutting social and economic issues.

Prior to joining the Foundation, she worked for the City of Chicago, first as Commissioner of the city's Department of Housing and most recently as Chief of Staff to Mayor Richard M. Daley. As Commissioner she led a process resulting in the city's commitment to a \$1.3 billion five-year plan for affordable housing. As Chief of Staff, one of her significant accomplishments was the design and negotiation of the \$1.5 billion plan for transformation of public housing in Chicago.

From 1996 to 1997 she was President and Chief Executive Officer of Shorebank Chicago Companies where she was responsible for Chicago operations of Shorebank, including South Shore Bank, the nation's first community development bank. In 1977 Stasch was one of the first four employees of the Chicago-based real estate development firm Stein & Company. When she left in 1996 as President and Chief Operating Officer, the staff numbered 220 and projects included the Metcalfe Federal Building, Chicago's United Center, and expansion of McCormick Place. While at Stein and Company, she became known nationally for her work to include women and minorities in the construction industry.

During the first Clinton Administration, Stasch served as Deputy Administrator of the General Services Administration in Washington, a 20,000-person agency responsible for management of government-wide building construction, leasing, and management. Earlier in her career, she was a Vista volunteer and a teacher in the Chicago public school system. Stasch was the founding President of the Board of the Women's Issues Network, and previously served on the Board of Directors of the Women's Business Development Center and Leadership Greater Chicago. She also served as the chair of the Mayor's Advisory Council on Closing the Digital Divide. Stasch is a summa cum laude graduate of Loyola University, and has a master's degree from the University of Illinois at Chicago.

**TERRY MAZANY**

Terry Mazany is president and CEO of The Chicago Community Trust. Mr. Mazany was selected as just the fifth executive in The Chicago Community Trust's ninety-year history in 2004. In preparation for this appointment, he served as the Trust's chief operating officer in October 2003. Terry Mazany joined the Trust in 2001 as director and senior program officer for the Education Initiative of The Chicago Community Trust. In this capacity he led the design and implementation of the Trust's \$50 million, five-year commitment to supporting literacy, teacher and principal quality, and new school creation in Chicago. The Education Initiative has contributed to the significant and continuous improvement of student achievement in the Chicago Public Schools over the past five years. Based on this success the Trust has committed to a second five-year \$50 million commitment focused on expanding system wide and across all curriculum content areas, developing more high quality principals, and supporting innovation at the local school level.

Before joining the Trust, Terry Mazany served a distinguished career in public school administration, leading improvement efforts in school districts in Michigan and California. Fundamental to this work was a commitment to equity and opportunity for all students. He served as the associate superintendent for curriculum and instruction for the Oakland Unified School District. In this capacity he had responsibility for the transformation of the District's 85 schools to create a system of uniformly excellent



schools benefiting 53,000 students. This transformation was guided by three principles: high standards, equity of opportunity, and accountability for results. He was selected for this position in Oakland after working three years for the State of California's acclaimed California School Leadership Academy—a State agency providing leading edge training and development to administrators and public schools throughout California.

Terry earned a masters degree in Anthropology and a masters degree in Business Administration, with an emphasis on organizational change, from the University of Arizona. He applied this knowledge of organizational change and continuous improvement first in the Detroit Public Schools, and then in districts throughout the country including Chicago, Baltimore, and San Francisco, as well as many smaller school districts. He consulted directly with hundreds of schools and teachers, developing powerful models of curriculum and assessments within classrooms and pioneering models for whole school change. His work in public education was an extension of his experience in a national project for public sector performance improvement that was the precursor to what became known as re-inventing government.

#### **TOM IRVINE**

Tom Irvine is chief information officer and vice president for The Chicago Community Trust. Prior to joining the Trust in 2008, Mr. Irvine served as vice president in worldwide operations and technology at The Northern Trust Company, managing application development for client and employee applications. Mr. Irvine managed the development of The Northern Trust Company's award-winning client portal, Private Passport. Mr. Irvine has more than 20 years of experience in providing technology vision leadership and direction. His previous positions have included Quaker Oats, Stone Container and Rand McNally. A graduate of Drake University, Irvine holds a bachelors degree in Business Management and a masters degree in Business Administration from DePaul University.

#### **DIANA N. DERIGE**

Diana N. Derige is a program officer for the Health program at The Chicago Community Trust. Derige provides program expertise, program management and grant making in for the Trust's health portfolio as well as both the Nuestro Futuro initiative and Will County Community Foundation. She serves as a liaison to the community and provides support to donors who want to give strategically to make the greatest impact on the needs of the region.

Before joining the Trust in 2006, Ms. Derige worked with several Chicago area not-for-profit organizations, including managing the Ready by 21 initiative for the Ounce of Prevention Fund, working as a program manager for the Illinois Public Health Institute, project coordinator for the NorthEast District Health Council and youth outreach worker for the Howard Brown Health Center. She was a 2006 Fellow of the National Hispana Leadership Institute, a 2004 Fellow for the Mid-America Regional Public Health Leadership and a Principal Fellow for HIV/AIDS Intervention in South Africa in 2000.

Ms. Derige is a behavioral and social science volunteer with the American Psychological Association Office of AIDS, and also is a member of MANA de Chicago, and the Latino Caucus American Public Health Association. Ms. Derige received her Bachelor of Arts in sociology and women's studies from the University of Michigan and her Masters of Public Health in health behavior and health education from the University's School of Public Health.

#### **HARDIK BHATT**

**Chief Information Officer, City of Chicago; and Commissioner of Department of Innovation and Technology, Feb 2006 – Present**

- Managed strategic technology investments of \$100 Million annually in OPEX and CAPEX for the City of Chicago while leading a dynamic team of 300+ employees and consultants.



government and external stakeholders; launching a new online clearinghouse of technology resources provided to residents by City departments, sister agencies and non-profit organizations. Responsibilities also include leading the City's Innovation Center – first program in a major American city focused on identifying new ways of interacting with residents and creating a culture of innovation among public servants; developing new user-centered services and processes to address public challenges; and deploying new “open innovation” tools to engage residents and front-line staff as problem solvers and sources of innovations.

- **Project Manager, Community Broadband 2007-2008**

Responsibilities included negotiating with private-sector service providers for a potential wireless project; developing local government policy and regulatory strategies to increase broadband access and adoption; and analyzing various business models for provision of broadband services to urban areas.

**Rhode Island Economic Development Corporation, Providence, RI**

- **Research Analyst, Science and Technology 2005-2007**

Responsibilities included participating in business development, marketing and communications functions for the Rhode Island Wireless Innovation Networks project; building and negotiating value-adding relationships with international and domestic business partners; and promoting the project to organizations interested in piloting new wireless technologies and services.

**University of Rhode Island, Kingston, RI**

- **Project Assistant 2005**

Responsibilities included coordinating the Rhode Island Science and Technology Advisory Council, the State of Rhode Island's primary entity for technology economic development policy planning.

**EDUCATION: Bachelor of Arts – Biological Basis of Behavior (Behavioral Neuroscience) and History, University of Pennsylvania, Philadelphia, PA**

**DANIELLE M. DUMERER**

**Project Manager, City of Chicago, Department of Innovation and Technology, (July 2008 to Present):** Manage projects under the Digital Excellence program, including the Smart Communities; conduct outreach to engage public, private, non-profit, and academic sectors in DE efforts; author and manage content for the DE website; manage the rollout of social media tools and draft related policies, processes, and training materials for the City of Chicago; manage and create DoIT's quarterly internal newsletter

**Supervising Technology Editor, McGraw-Hill Companies, McGraw-Hill Education, Chicago, IL (April 2004 to June 2008):** Manage the development and maintenance of approximately 600 audio, video, software, and Web-based products; manage and motivate team of five project managers, several rotating cross-functional team members, and developers; allocate and manage \$8 Million technology program budget by accurately tracking detailed costs and creating comprehensive RFPs and detailed business requirements; create customer-focused, issue-based marketing materials for use in the field

**Consultant, Library and Archives, C. Berger Group, Carol Stream, IL (July 2002 to April 2004):** Evaluated the archival holdings and made recommendations for document disposition for The Higher Learning Commission; supervised fieldworkers conducting a move of over 300,000 volumes at the US Naval Academy, Nimitz Library

**Preservation Department Assistant, University of Maryland Libraries**, Preservation Department, College Park, MD (July 2000 to July 2002)

**Data Specialist, Information Resources, Inc.**, Chicago, IL (July 1999 to July 2000)

**EDUCATION: Master of Library and Information Science**, Archives and Records Management, University of Maryland, College Park, MD; **Bachelor of Arts**, English Literature and Rhetoric, University of Illinois, Urbana-Champaign, IL

#### **ANDREW J. MOONEY**

Andrew J. Mooney is the Executive Director of Local Initiatives Support Corporation/Chicago (LISC). Founded thirty years ago, LISC is a not-for-profit development intermediary that provides grants, loans and equity -- as well as technical assistance -- to community organizations engaged in the revitalization of their neighborhoods. Under Mr. Mooney's leadership, LISC/Chicago has become one of the nation's leading community development agencies.

Since 1996, he has raised approximately \$120 million in grants and loans to invest in the city's neighborhoods, leading in turn to the development of approximately 23,000 units of housing, 2.5 million square feet of commercial space, and numerous community facilities, leveraging over \$2.5 billion in total investment. Mr. Mooney and his colleagues are best known for cutting-edge community development strategies that have become national models, including the New Communities Program (NCP), a comprehensive effort at neighborhood development supported by the John D. and Catherine T. MacArthur Foundation. Other initiatives include the Centers for Working Families; Elev8, a community schools program; the Chicago Neighborhood News Bureau (CNNB); the Smart Communities Program, a part of the City of Chicago's Digital Excellence Initiative; and Neighborhood Sports Chicago.

Mr. Mooney has devoted his career to community development and has held leadership positions in a number of agencies. Early in his career, he led the Chicago Housing Authority, and in more recent years, served a second term on the CHA Board, co-authoring the latter's groundbreaking "Plan for Transformation." He has been on the governing boards of a number of public and private agencies, and is currently a member of the Knight Foundation's Commission on the Information Needs of Communities in a Democracy.

A native of Chicago, Mr. Mooney is a graduate, summa cum laude, of the University of Notre Dame, and of the University of Chicago, where he was a Danforth Fellow.

#### **SUSANA L. VASQUEZ**

Susana L. Vasquez is the Director of the New Communities Program (NCP) at Local Initiatives Support Corporation (LISC/Chicago). The New Communities Program is a long-term initiative to support comprehensive community development in 16 low and moderate-income Chicago neighborhoods. Her responsibilities include developing and managing the program, providing grants and loans to several target communities, leading new cross-community initiatives and providing technical assistance to non-profit organizations and community leaders.

In addition to leading the New Communities Program, Ms. Vasquez is managing the Smart Communities Program which is working in 5 NCP neighborhoods to connect them to the information economy by supporting their adoption of meaningful digital technologies. The Smart Communities Program is a part of the City of Chicago's Digital Excellence Initiative and is being administered by LISC/Chicago. Ms. Vasquez has worked with community partners, planners, city officials, and foundations to support and shape the new program, leading to the completion of three "digital excellence" plans. During her tenure as director of NCP, \$55 million has been raised from private and public sources to support comprehensive community development in the 16 communities, including a \$26 million renewal grant from the

MacArthur Foundation and an \$18 million grant from the Atlantic Philanthropies. The program has become a model for place-based efforts. In March of 2008, Ms. Vasquez led the planning for a national conference on NCP which brought together more than 900 attendees from over 50 cities to learn from and discuss the NCP model. Ms. Vasquez has more than 15 years experience working with nonprofit community-based organizations, primarily in community organizing, fundraising and organizational development.

Prior to working at LISC, Ms. Vasquez was Deputy Director of The Resurrection Project, a community development organization in Chicago's Pilsen community. Ms. Vasquez is on the board of advisors for the Community Economic Development Law Project and has provided trainings to non-profits and foundations on board development, fundraising and partnerships/collaborations.

She has served previously on the board of directors of the Crossroads Fund and the Chicago Foundation for Women. She has a B.A. in History from the University of Illinois Champaign-Urbana and a Master in Public Administration from Harvard University's Kennedy School of Government.

### **RICKI LOWITZ**

Ricki Lowitz is Senior Program Officer for Economic Opportunities at LISC/Chicago and directs the organization's network of Centers for Working Families. Ms. Lowitz has extensive experience in workforce services and community development. Prior to launching LISC's Centers for Working Families, Lowitz crafted neighborhood-focused employment initiatives for the Comprehensive Community Revitalization Program (CCRP) in the South Bronx. Lowitz also worked with Business and Professional People for the Public Interest (BPI) in Chicago, assisting residents from the Henry Horner public housing development pursue community revitalization activities. Ms. Lowitz holds a Masters in Public Policy from Columbia University.

Lowitz launched and continues to oversee LISC/Chicago's network of 12 Centers for Working Families (CWFs). Initially funded by the Annie E. Casey Foundation, CWFs help Chicago families build household financial stability by providing three bundled services – including job placement and career advancement services, help to access public benefits, and one-on-one financial counseling. Lowitz is responsible for program design, the development of client tracking systems, grant making, and resource development (together with LISC's Director of Development) for the Centers.

Lowitz also assists Community Development Corporations (CDCs) and other LISC partners in the development and implementation of neighborhood-based employment, child care, and health care initiatives. She has helped five CDCs launch employment centers modeled on the nationally-acclaimed Project Match program; designed and implemented a matched savings program for network-affiliated licensed home-based child care providers—the program allowed providers to spend on asset purchases, such as new homes and home repairs; managed several contracts for LISC with the Mayor's Office of Workforce Development; awarded \$500,000 by the MacArthur Foundation to research the effects of network affiliation on the quality of home-based child care (final report released in partnership with the Erikson Institute in December 2008); managed a portfolio of grants and loans to employment and child care providers working in Chicago neighborhoods and; consulted with local and national foundations on the design of community-focused employment programs.

### **GORDON WALEK**

As the communications manager for LISC/Chicago, Gordon Walek manages the scribe/photographer consultants, makes assignments for newsletter and web stories, and writes and edits stories.

LISC/Chicago is a national leader in communications programs for neighborhoods and community development; it has built or helped to build 18 web sites related to its New Communities Program and

runs an ongoing program of trainings in multimedia skills, web site management, e-newsletter production and journalistic content creation for web sites.

Prior to joining LISC/Chicago in May, 2008, he was a senior communications officer for the national LISC office (based in Chicago) involved in an array of LISC-related public relations activities, including editing publications, developing national and local media outreach strategies, and linking public relations efforts at the program site level to the national LISC message. Walek, who for more than 20 years was a news reporter and critic, joined LISC in June 1999. Previously he worked on LISC and National Equity Fund projects as an account executive at MK Communications, a public relations and policy firm. He also developed communications strategies for the Chicago Police Department as it implemented a community policing philosophy.

For 17 years Walek was a reporter and critic for the Daily Herald, a suburban Chicago newspaper. His first job in journalism was as a reporter with the City News Bureau of Chicago. He graduated from The Ohio State University with a degree in liberal arts.

#### **SCOTT L. GOLDSTEIN, AICP, LEED AP**

A principal at the planning firm Teska Associates, Inc., Mr. Goldstein brings seventeen years of experience in planning, neighborhood redevelopment, fiscal analysis, and technology. With Teska he has led neighborhood planning and economic development efforts in Washington Park and various neighborhoods in Chicago with the Local Initiatives Support Corporation (LISC/Chicago); Bloomington, Highwood, and Peoria, Illinois; Fitchburg, Wisconsin, and Hammond, Indiana. He also teaches a Master's level course in neighborhood planning at Northwestern University.

Goldstein has worked on the intersection of technology and economic development since the mid 1990s, managing several projects including a research publication in 1999 with Northwestern University entitled "The Digital Network Infrastructure in Metropolitan Chicago," a four-neighborhood community technology pilot project funded by a \$100,000 AOL Foundation in 2002, co-author of "The City that Networks," in Urban Land magazine and a co-leader of a proposed design for a fiber infrastructure network in Chicago that included mapping of all underserved businesses in Chicago in 2004.

Prior to joining Teska Associates, Inc., Mr. Goldstein was vice president of policy and planning at the Metropolitan Planning Council (MPC), where he oversaw policy development and technical assistance for the organization. He designed MPC's community building initiative, which provided assistance to over two dozen communities throughout the greater Chicago region. He has chaired Urban Land Institute (ULI) Chicago's Public Policy Committee since 1999.

Through ULI, he has led over twenty technical assistance panels which have received national recognition awards and recognition, including articles in Urban Land Magazine and the subject of a Harvard University case study that profiled a ground-breaking neighborhood redevelopment project in south suburban Riverdale. Goldstein holds a B.A. in History of Art and Architecture, Political Science, from Tufts University (Massachusetts), an M.S.U.P. in Urban Planning from Columbia University (New York) and is a Lecturer for the, Master of Arts in Public Policy and Administration (MPPA) program at Northwestern University (Evanston & Chicago).

#### **KAREN MOSSBERGER**

Karen Mossberger is Professor of Public Administration at the University of Illinois at Chicago. Her 2008 book from MIT Press co-authored with Caroline Tolbert and Ramona McNeal - *Digital Citizenship: The Internet, Society and Participation*- examines the impact of technology on economic opportunity and political participation. Other work on digital inequality includes an earlier book with Georgetown University Press, *Virtual Inequality: Beyond the Digital Divide* (K. Mossberger, C. Tolbert and M.

Stansbury 2003), and “Race, Place, and Information Technology” which won the best paper award for the Public Policy Section of the American Political Science Association in 2005. Mossberger’s research on technology use and disparities has been supported by the Smith Richardson Foundation, the U.S. Department of Housing and Urban Development, and the MacArthur Foundation, among others. Her work on technology inequality and e-government has appeared in *Public Administration Review*, *Social Science Quarterly*, *Urban Affairs Review*, and the *Journal of Urban Affairs*. Mossberger has served on the national technology advisory board of the Boys and Girls Clubs of America and the Digital Opportunities Measuring Stick project on technology and youth supported by the Annie E. Casey Foundation. She is also president-elect of the Urban Politics Section of the American Political Science Association.

#### **NORMA L. SANDERS**

##### **Consultant, Edge Technological Resources (ETR) (2007-Present)**

- Leading the project management of the Smart Communities project for Auburn-Gresham, Chicago Lawn and Englewood neighborhoods.
- Organized and held three community planning meetings with 200+ residents in attendance; determined the needs of the three communities and worked to develop a joint community technology plan.
- Completed interviews and analysis of 33 partner agencies to obtain requirements and completed grants for part of the \$1.1M donated Microsoft software.

##### **Consultant - Program Management and IT Strategy Advisor**

- Project oversight of small business in resource strategy plan, as part of contract proposal for qualifying as a prime IT contractor for City of Chicago and County technology contracts.
- Created and implemented a backup plan and marketing automation solutions for a small retail business.
- Developed new IT strategy and assisted with relocation processes for retail organizations.

##### **MOTOROLA, INC. - Schaumburg, Illinois**

##### **Account Relationship Management – Principal (2005-2007)**

- Managed end-to-end implementation of new global trade compliance database and network architecture solutions to fully automate Legal and Supply Chain export processes. Negotiated.
- Generated \$350,000 in annual cost reductions by leading a cross-functional business case team for replacing the global document tracking and imaging system.

##### **Director of Information Technology, Global Strategic Initiatives (2003-2005)**

Directed all corporate-driven global IT initiatives for the global Division by contributing to investment decisions, instituting new IT strategies & processes.

Served in other positions at Motorola from 1994 – 2003 managing information technology and achieving significant savings and infrastructure solutions for the company.

**EDUCATION AND PROFESSIONAL DEVELOPMENT: Bachelor of Science** in Electrical Engineering, University of Illinois at Urbana-Champaign, IL; **Certificate in Integrity Selling**, Harper College, Palatine, IL (2006) ITIL Foundation (2006) and **CMMI Certifications** (2007)

#### **CHRISTY PRAHL**

New Communities Program Director (Humboldt Park), Bickerdike Redevelopment Corporation (January 2009-present). Participated in digital excellence community planning process; designed and developed initial content for Humboldt Park NCP website; manage electronic communications process for over 65 community partners throughout Humboldt Park; create and edit documents in Microsoft Office suite, including Word, Excel, and PowerPoint.

Program Manager, American Society for Clinical Pathology (December 2001-January 2009): Managing continuing education programs for public health nonprofit, including launching the organization's first online education program for pathologists and laboratory professionals; managed electronic manuscript review process with licensed editorial software.

Co-Chair, Logan Square Walks (2003-2005): Organized meetings, initiated and promoted special Events; built contact list-serve with community leaders and elected officials; initiated development of initial organizational website and updated website.

Project Manager, Fitzroy Dearborn Publishers (January 2000-December 2001): Managed multi-volume reference works: assessed manuscripts electronically from variety of authors, maintained timetables and budgets utilizing database software, facilitated electronic communication among remote project participants.

University Educator (Courses in writing, literature, women's studies, mass media, 1988-1997): Newberry Library (1998); Columbia College, Chicago (1997- 1998); Loyola University, Chicago (1997); Soros Foundation, Prague and Budapest (1995-1998); University of Kansas, Lawrence (1991-1997); University of Missouri, Columbia (1988-1991)

**EDUCATION:** University of Illinois-Chicago: **Masters in Urban Planning**, August 2008; University of Kansas: **PhD (English)**, August 2001; University of Missouri: **M.A. (English)**, August 1990; Indiana University: **B.A. (Telecommunications)**, May 1987

### JAIME GUZMÁN

**The Resurrection Project** *Project Manager, Digital Excellence Demonstration Communities – 2009*

- Direct, manage and facilitate projects and initiatives.
- Identify gaps in technology services and programming and recommend policy, strategy and programming.
- Develop and deliver full-scale project plans and associated communications.
- Collaborate and act as primary liaison with other organizations and staff engaged in citywide DEDC efforts.
- Manage continuing cooperation and work of all partners in DEDC projects.
- Digital Media development for communications and other projects – video development/editing.
- Facilitation of content creation for community website – [www.pilsenportal.org](http://www.pilsenportal.org).
- Conduct Technology assessments at local parishes, organizations and schools.

**Confederation of Spanish American Families**

*Media Coordinator – 2008*

- Assist in the development of promotional materials, writing, proofreading and editing newsletters, direct-mail pieces, media scripts, brochures and press releases.
- Represent CSAF in conferences, workshops and presentations as media liaison and educator as assigned.
- Maintain and keep up-to-date record of media contacts and handle media calls.
- Audio setup and stage management at all events.
- Conduct Quality Control at Partner Sites.
- Digital Media development - Video recording and editing of all events as well as picture documentation

**Little Village CDC**

*Director of Violence Prevention –2006 to 2007*

- Oversight of the *Cease Fire* Street Intervention Program in Little Village.
- Public Relations – Print and Television – live interviews on Telemundo, pre-recorded interviews include NBC and NPR.



- Fundraising/Development activities for events/recreational activities for community residents – Raised \$45,000 for programs.

**City of Chicago**

*Assistant to the Alderman of the 22<sup>nd</sup> Ward –2005 to 2006*

- Special Services: Bilingual Liaison, Elderly Liaison and People with Disabilities Liaison.

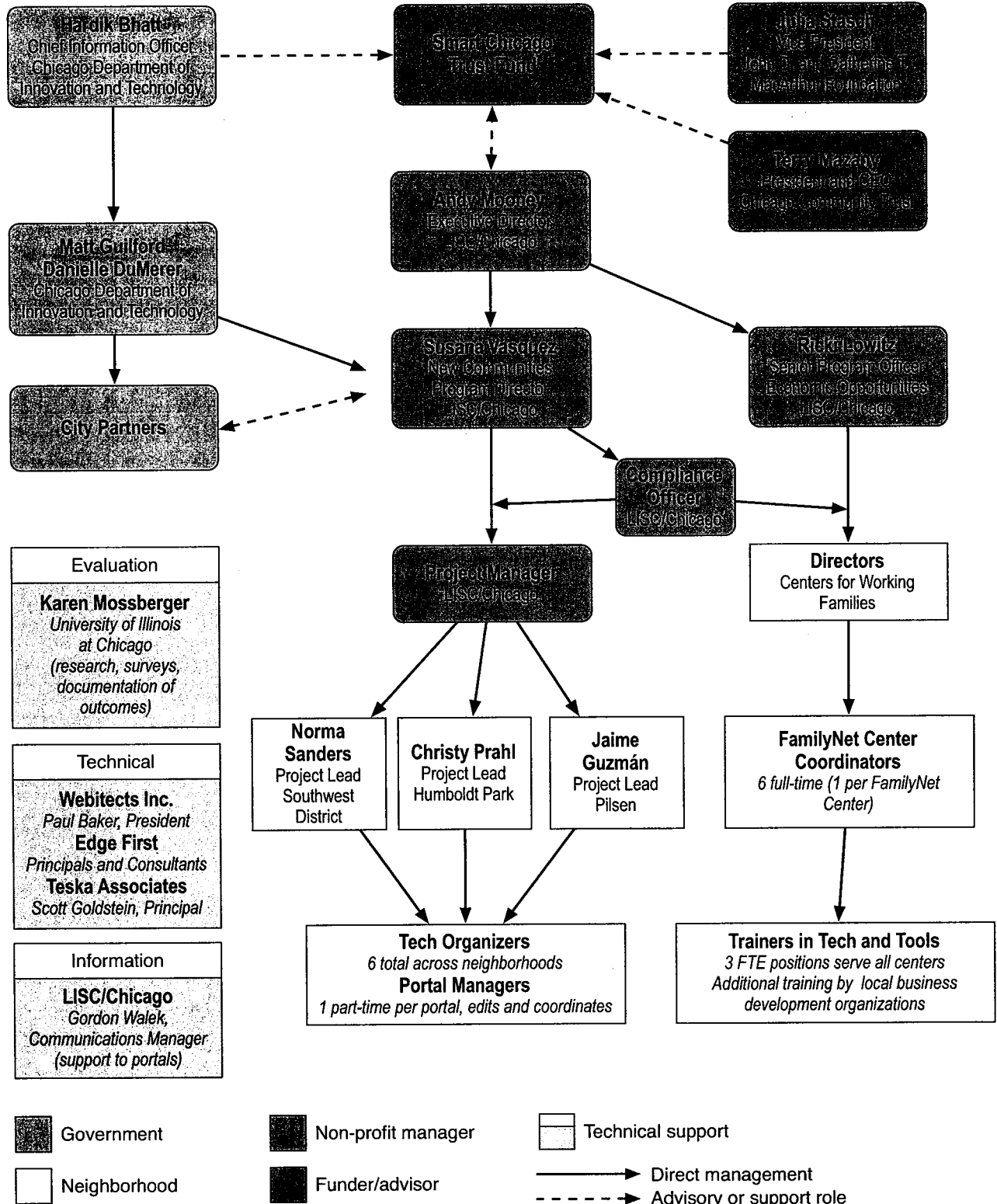
**EDUCATION:** DePaul University, *Chicago, IL*, **Bachelor of Arts** – Political Science Major/Psychology Minor - Conferred June 10, 2005; National Louis University, *Chicago, IL* **Master of Business Administration Candidate** - *Projected completion 2010*

**PAUL BAKER**

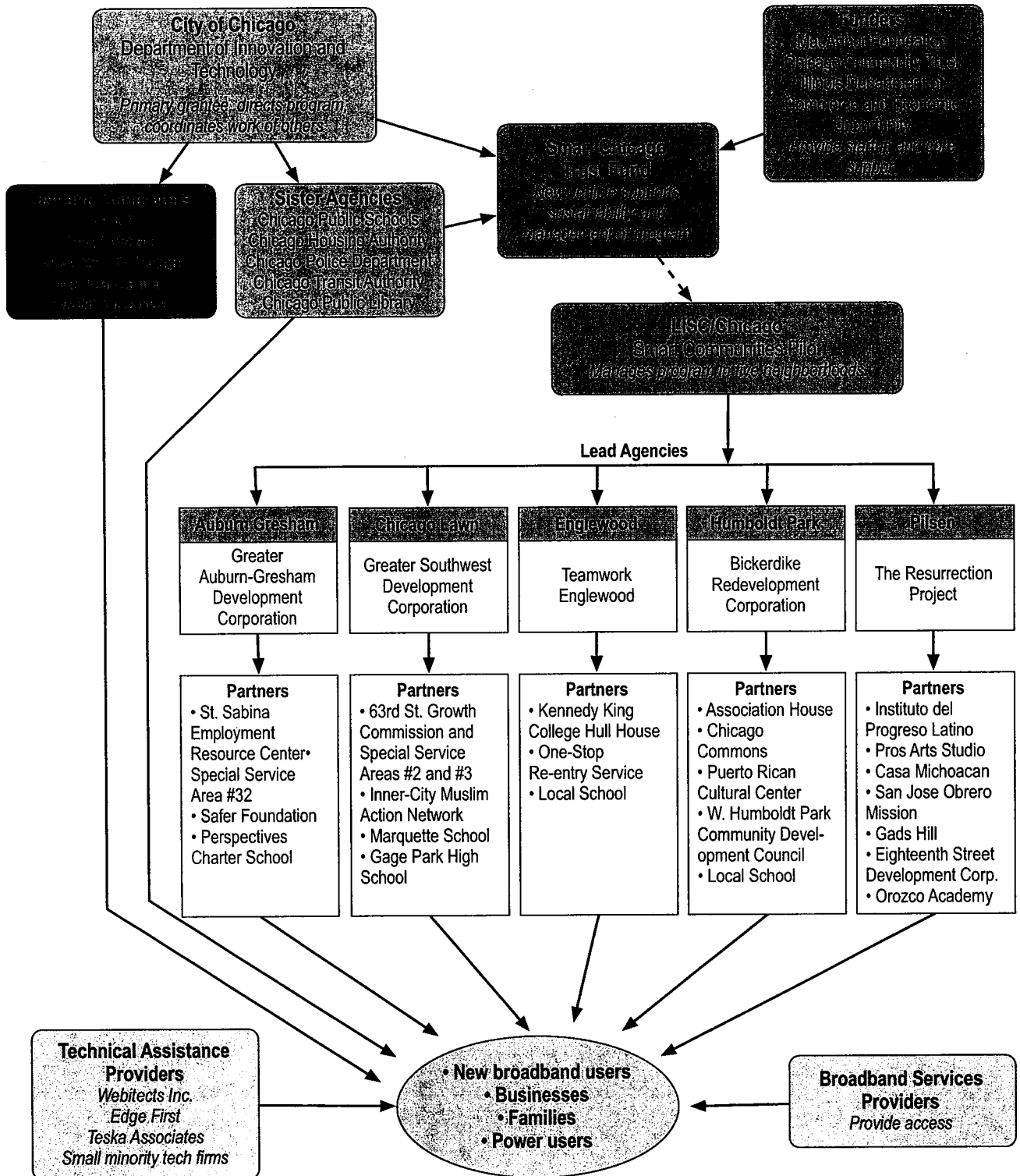
The President of Webitects, a 16-person Web design and development firm, Baker has been designing websites since 1995. Between 1981 and 1995, he was a well-known typographer, typeface designer, and print designer whose work won more than 100 design awards. One typeface design was the subject of a Newberry Library exhibition and symposium. Baker's firm designed and hosts more than a dozen web sites that support community development activities in Chicago, using a low-cost "grassroots" template designed specifically around neighborhood interests and needs.

Webitects also designed the Pilsen Portal that is in beta and will be replicated in each Smart Community. Baker has a BA from the University of Chicago. He has presented on topics of design research and usability at several conferences and meetings in the US. His most interesting recent project was a study of the software and methods used to run the ground game for the Obama presidential campaign.

# Smart Communities: Sustainable Broadband Adoption Organization Chart



# Smart Communities Broadband Adoption: Key Partners



## **SmartChicago**

### **Partnering with Socially and Economically Disadvantaged Businesses**

Partnering with socially and economically disadvantaged businesses— including those certified in accordance with section 8(a) of the Small Business Act (SDBs) – is at the core of the way local government entities in Chicago do business, and the same will be true for SmartChicago. The City of Chicago and its agencies are committed to achieving high participation of minority- and women-owned businesses in its projects. Many of these City-certified MBE and WBE firms are also federally-certified SDBs.

To ensure that concrete opportunities are reserved for SDBs, the City of Chicago will meet the federal government's own standard for participation: at least 5% of all SmartChicago work will be undertaken by SDBs. As it does for MBE and WBE goals, the City will closely monitor the project to ensure compliance with the SDB goal.

## DOC Environmental Checklist

1. **SECTION 1-** To be completed for those projects historically shown not to create significant environmental impacts to the human or natural environment. Any answer of "No" or "Not Applicable" may require additional documentation or review.

a. Is the proposed action solely a procurement action for materials intended to be installed, stored or operated in an existing building or structure?

Yes

No

Not Applicable

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

Yes

No

Not Applicable

c. Does the proposed action involve only minor interior renovations to a structure, facility, or installation?

Yes

No

Not Applicable

d. Is the proposed action solely for the production and/or distribution of informational materials, brochures, or newsletters?

Yes

No

Not Applicable

e. Does the proposed action consist solely of training, teaching, or meeting facilitation at an existing facility or structure?

Yes

No

Not Applicable

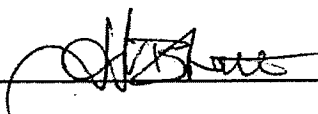
**Certifications and Signature**

(i) I certify that I am authorized to submit this grant application on behalf of the eligible entity(ies) listed on this application, that I have examined this application, that all of the information and responses in this application, including certifications, and forms submitted, all of which are part of this grant application, are material representations of fact and true and correct to the best of my knowledge, that the entity(ies) that is requesting grant funding pursuant to this application and any subgrantees and subcontractors will comply with the terms, conditions, purposes, and federal requirements of the grant program; that no kickbacks were paid to anyone; and that a false, fictitious, or fraudulent statements or claims on this application are grounds for denial or termination of a grant award, and/or possible punishment by a fine or imprisonment as provided in 18 U.S.C. § 1001 and civil violations of the False Claims Act.

(ii) I certify that the entity(ies) I represent have and will comply with all applicable federal, state, and local laws, rules, regulations, ordinances, codes, orders and programmatic rules and requirements relating to the project. I acknowledge that failure to do so may result in rejection or deobligation of the grant or loan award. I acknowledge that failure to comply with all federal and program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities.

(iii) I certify that the entity(ies) I represent has and will comply with all applicable administrative and federal statutory, regulatory, and policy requirements set forth in the Department of Commerce Pre-Award Notification Requirements for Grants and Cooperative Agreements ("DOC Pre-Award Notification"), published in the Federal Register on February 11, 2008 (73 FR 7696), as amended; DOC Financial Assistance Standard Terms and Conditions (Mar. 8, 2009), the Department of Commerce American Recovery and Reinvestment Act Award Terms (Apr. 9, 2009); and any Special Award Terms and Conditions that are included by the Grants Officer in the award.

(iv) If requesting BTOP funding, I certify that the entity(ies) I represent has secured access to pay the 20% of total project cost or has petitioned the Assistant Secretary of NTIA for a waiver of the matching requirement or received a waiver.

Signature of authorized person  Date 8/19/09

Print name of authorized person Hardik V. Bhatt

Title or position Chief Information Officer

### CERTIFICATION REGARDING LOBBYING

Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 28, "New Restrictions on Lobbying." The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of Commerce determines to award the covered transaction, grant, or cooperative agreement.

#### LOBBYING

As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into.

Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

#### Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

**As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification.**

NAME OF APPLICANT

City of Chicago

AWARD NUMBER AND/OR PROJECT NAME

SmartChicago Sustainable Broadband Adoption

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Hardik V. Bhatt Chief Information Officer

SIGNATURE

DATE

8/19/07

**BUDGET INFORMATION - Non-Construction Programs**

SECTION A - BUDGET SUMMARY						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		Total (g)
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	
1. Smart Chicago Sustainable Broadband	11.557	\$ 7,475,600	\$ 1,525,716	\$	\$ 9,001,316	
2.					0.00	
3.					0.00	
4.					0.00	
5. Totals		\$ 7,475,600	\$ 1,525,716	\$ 0.00	\$ 9,001,316	
SECTION B - BUDGET CATEGORIES						
Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)	
	(1)	(2)	(3)	(4)		
a. Personnel	2,777,671				2,777,671	
b. Fringe Benefits	639,176				639,176	
c. Travel	24,200				24,200	
d. Equipment	819,349				819,349	
e. Supplies	67,000				67,000	
f. Contractual	3,619,850				3,619,850	
g. Construction	108,000				108,000	
h. Other	199,000				199,000	
i. Total Direct Charges (sum of 6a-6h)	8,254,246	0.00	0.00		8,254,246	
j. Indirect Charges	747,070				747,070	



k. TOTALS (sum of 6i and 6j)	\$ 9,001,316	\$ 0.00	\$ 0.00	\$ 0.00	\$ 9,001,316
7. Program Income	\$ 0	\$	\$	\$ 0.00	\$

Authorized for Local Reproduction

Standard Form 424A (Rev 7-2009)

**ASSURANCES – NON-CONSTRUCTION PROGRAMS**

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

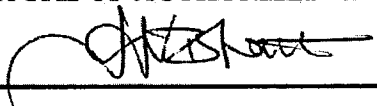
**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET.  
SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.</li> <li>2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.</li> <li>3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.</li> <li>4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.</li> <li>5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).</li> <li>6. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970</li> </ol> | <ol style="list-style-type: none"> <li>(P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. 3601 et seq.), as amended relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.</li> <li>7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.</li> <li>8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.</li> <li>9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.</li> <li>10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.</li> </ol> |
|---|--|

<p>11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).</p> <p>12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.</p> <p>13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).</p> <p>14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.</p> <p>15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.</p>	<p>16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.</p> <p>17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."</p> <p>18. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. 4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.</p> <p>19. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.</p>
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SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE Chief Information Officer
APPLICANT ORGANIZATION City of Chicago	DATE SUBMITTED 8/19/09



City of Chicago  
Richard M. Daley, Mayor

Department of Law

Mara S. Georges  
Corporation Counsel

City Hall, Room 600  
121 North LaSalle Street  
Chicago, Illinois 60602  
(312) 744-0200  
(312) 744-8538 (FAX)  
(312) 744-2963 (TTY)

<http://www.cityofchicago.org>

August 13, 2009

Assistant Secretary  
National Telecommunications and Information Administration  
U.S. Department of Commerce  
Washington, D.C. 20230

**Re: Grant Application for Broadband Technology Opportunities Program - Sustainable Broadband Adoption Project**

Ladies and Gentlemen:

I am Corporation Counsel for the City of Chicago (the "Applicant"). In such capacity, I have acted as counsel to the Applicant in connection with its ability to apply for a grant under the Broadband Technology Opportunities Program to fund a Sustainable Broadband Adoption Project, and in the review of the grant application for such project, as referenced in the Notice of Funds Availability.

I am of the opinion that:

(a) the Applicant is a duly organized and existing municipal corporation and home rule unit of government under the laws of the State of Illinois;

(b) the Applicant has the corporate power: (1) to execute and deliver the grant application; and (2) to perform all acts required to be done by it under said application, subject to passage of authorizing legislation by the City Council of the Applicant; and

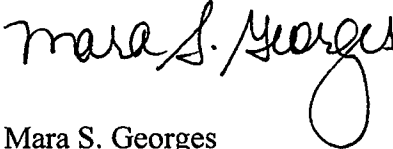
(c) no legal proceedings have been instituted or are pending against the Applicant, the outcome of which would adversely affect the Applicant's ability to perform the duties of the Applicant described in the grant application, and there are no judgments against the Applicant which would adversely affect the Applicant's ability to perform the duties of the Applicant described under the grant application.

The statements contained herein are made in an official capacity and not personally and no personal responsibility shall derive from them. Further, the only opinions that are expressed are the opinions specifically set forth herein, and no opinion is implied or should be inferred as to any other matter or transaction.



No one other than you shall be entitled to rely on this opinion.

Very truly yours,

A handwritten signature in black ink that reads "Mara S. Georges". The signature is written in a cursive style with a large, looping flourish at the end of the word "Georges".

Mara S. Georges  
Corporation Counsel

Certification Requirements for BTOP

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U.S. Department of Commerce  
Broadband Technology Opportunities Program

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I certify that I am the duly Authorized Representative of the applicant organization, and that I have been authorized to submit the attached application on its behalf. A copy of the applicant organization's authorization for me to submit this application as its official representative is on file in the applicant's office. By signing this certification, I certify that the statements contained in the application are true, complete, and accurate to the best of my knowledge, and that if an award is made, the applicant organization will comply with all applicable award terms and conditions.

8/19/09

(Date)



(Authorized Representative's Signature)

HARDIK V. BHATT

Name:

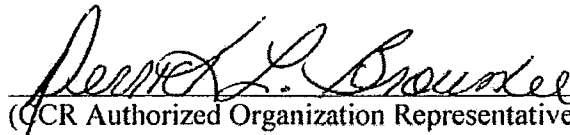
CIO

Title:

I am identified as the applicant organization's Authorized Organization Representative (AOR) in the Central Contractor Registration database.

August 19, 2009

(Date)



(CCR Authorized Organization Representative's Signature)

DERRICK L. BROWNLEE

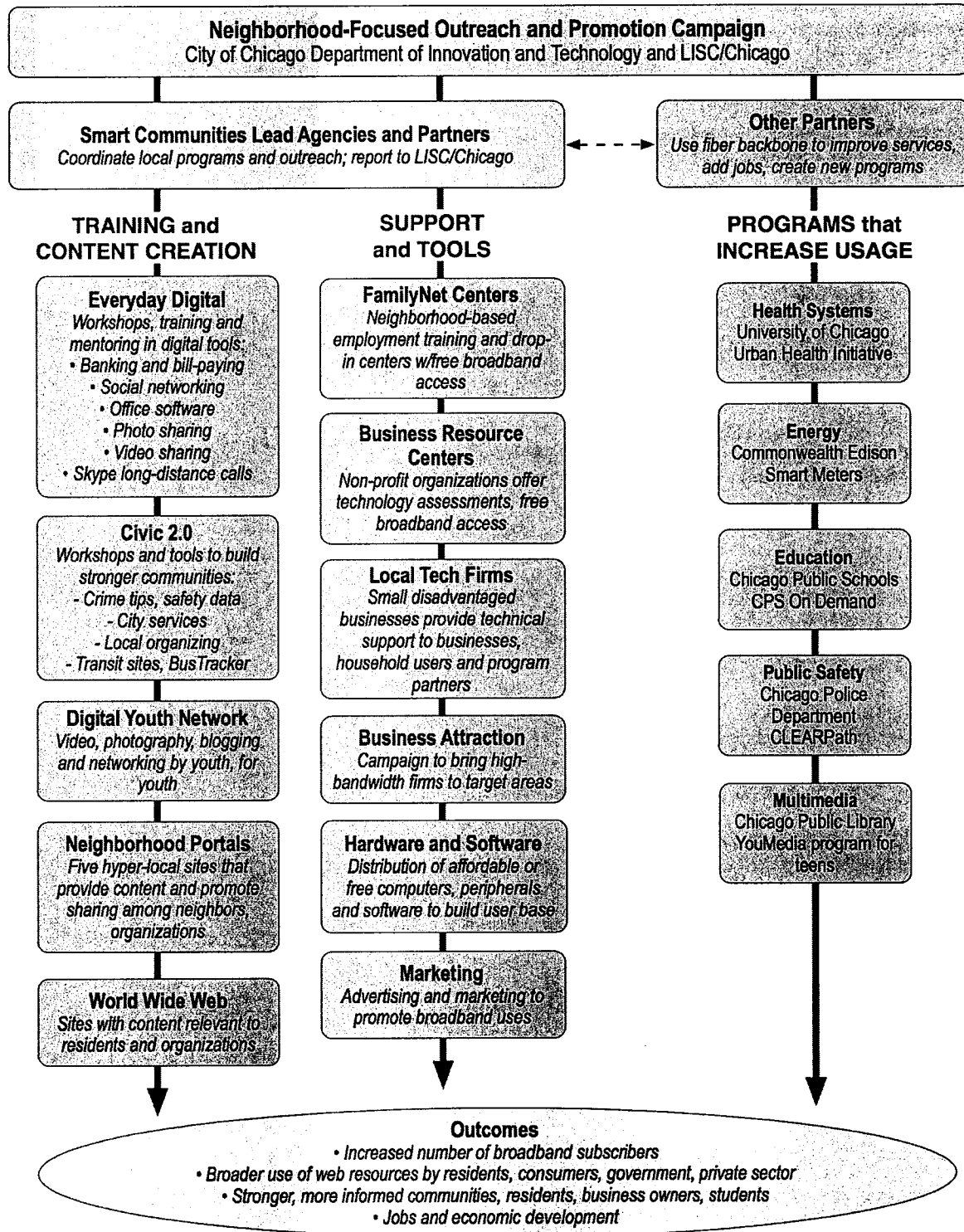
Name:

Deputy CIO

Title:

**SUPPLEMENTAL #1 – SmartChicago Sustainable Broadband Adoption**

**1. PROJECT OVERVIEW (supports narrative in Q7)**



**2. PEOPLE TRAINED AND EDUCATED** (supports narrative in Q17 and data in Sustainable Broadband Adoption Impact work sheet)

The training and education components of the program are expected to directly reach about 5,456 individuals and business participants, as follows:

Type of program	Individuals served	Calculation rationale
FamilyNet Centers (general family orientation)	1,296	1 one-hour family orientation per month x 6 centers x 18 program months x 4 families at each session x 3 members per family
Business Technical Skills	160	10 business owners or employees per center x 4 business centers x 4 workshops over 18 months
Business Technology Assessments	360	Average of 90 technical assessments x 4 business centers over life of program
Everyday Digital Classes	1,620	15 people avg. per month x 6 centers x 18 program months
Civic 2.0 Workshops	1,080	10 people avg. per month x 6 centers x 18 months
Digital Youth Network (summer)	240	20 youth each summer x 6 sites x 2 years
Digital Youth Network (after school)	600	60 youth per school x 5 schools x 2 school years
Portal Orientation Programs	100	20 individuals (initial contributors) per portal to seed content creation x 5 portals
<b>Totals</b>	<b>5,456</b>	

**NOTES:** Individuals are counted once only for each type of activity, though they are likely to participate in multiple training or educational sessions for most programs. Calculations assume 18 “program months” to account for initial lag as staff are hired and trained and reduced programming in the month of December. When individuals participate in several different types of training programs, they may be counted more than once.

**3. SCOPE OF TRAINING/EDUCATION** (supports narrative in Q22 and data in Sustainable Broadband Adoption Impact work sheet)

Training and education programs will range from one-hour family orientations at the FamilyNet Centers to multi-session trainings for business owners, as detailed below.

Type of program	Hours of training per person	Details of program
FamilyNet Centers	1	One-hour family orientations, offered 10 times/year
Business technical workshops	8	Workshops average four sessions at two hours each
Business technical assessments	2	Consultant reviews business technology needs with business owner or manager
Everyday Digital Classes	2	Two-hour sessions include keyboard time with assistance by teacher; subjects vary monthly
Civic 2.0 Workshops	6	Leaders are recruited for three sessions of two hours each
Digital Youth Network (summer)	40	5 hours/week x 8 weeks
Digital Youth Network (after school)	200	1 hour/day of instruction x 5 days/week x 40 weeks



Portal Orientation Programs	2	Workshop shows leaders and communicators how to load content to community portal
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NOTES: Individuals are expected to “graduate” from simple trainings to more involved skills development and different topics or workshops. Business owners are likely to take more than one workshop over the two-year program life.

**4. EQUIPMENT AND COSTS** (supports narrative in Q20 and data in Sustainable Broadband Adoption Impact work sheet)

Total equipment needs are 16 servers, 16 routers, 66 new desktop computers, 18 kid-friendly desktops, 20 laptop computers, 1,250 refurbished desktop and laptop computers, and 250 netbooks, as follows:

**a. Neighborhood use**

This equipment will be deployed at the six FamilyNet Centers.

- 6 servers, one for each of six FamilyNet Centers.
- 6 wireless routers to work with servers above and computers below.
- 60 desktop computers, 10 at each FamilyNet Center.
- 18 kid-friendly desktops, three for each FamilyNet Center
- Security equipment for new computers
- Dedicated computer tables and chairs as needed to support use of equipment above.

**b. Community organization use**

Additional equipment and laptops will be deployed at lead agencies and other community partner organizations.

- 10 servers to support technology growth at lead agency and partner organizations
- 10 wireless routers for the lead agencies and key partner organizations
- 6 desktop computers for new tech organizers in each neighborhood
- 20 notebook computers for program leaders and technology leaders at lead agencies and partner organizations
- Security equipment for new computers

**c. Personal use**

Free distribution of refurbished desktop and notebook computers will be used by community groups to encourage youth and adults to participate in and graduate from multiple-session training programs. They will be distributed only after participants have completed a series of trainings and shown a sustainable interest in use of broadband tools or services.

Simple, low-end machines will be incentives for basic programs. More powerful computers or laptops will be incentives for more-rigorous training programs and those that require higher processor speeds, memory and screen size, such as multimedia programs.

- 500 low- to mid-end refurbished machines, 100 for each of five communities
- 250 more-powerful refurbished desktop or laptop computers, 50 for each of five communities

An innovative pilot incentive program will provide 250 new netbook computers (50 per community) to be earned by cohorts of community leaders and program graduates who would

benefit from use of portable computers. This may include organized block clubs implementing “Civic 2.0” trainings that include research actions requiring use of online data, web-based mapping and civic-oriented social networking.

**d. Business use**

Graduates of rigorous business training programs will receive a mid- to high-end refurbished laptop or desktop capable of core business functions.

- 500 refurbished machines, 100 for each of five communities

**Cost of Devices**

<b>Equipment</b>	<b>Number of units</b>	<b>Cost per unit</b>	<b>Total</b>
Netbooks	250	\$ 350	\$ 87,500
Refurbished laptops and desktops	1,250	300	375,000
New desktop and laptop computers	86	1,000	86,000
Security equipment for computers	86	100	8,600
Servers (installed) or “cloud” services <sup>1</sup>	16	3,500	56,000
Routers	16	250	4,000
Kid friendly desktops	18	1,000	18,000
Furniture (as needed to expand/replace)			60,000
<b>Software</b>			
Software for desktops/laptops <sup>2</sup>			50,000
Software licenses and user fees <sup>3</sup>			20,000
ETO new users and licenses <sup>4</sup>			54,249
<b>Total Equipment</b>			<b>\$ 819,349</b>

**NOTES ON SOFTWARE COSTS:**

1. New servers will be installed to support heightened network activity; an alternative in some cases will be use of “cloud” (off-site) servers on contract to provide storage space and serve application programs via the broadband connection.
2. Estimated cost to provide desktop and laptop software above and beyond expected Microsoft matching grant worth \$1,000,000.
3. Site licenses for specialized software such as Adobe Creative Suite (graphics, video and web), accounting programs, database programs.
4. Additional licenses and new features for Efforts to Outcomes tracking software already used at Centers for Working Families, for use by Smart Communities partners to provide high-quality tracking of participation.

**5. HOUSEHOLD SUBSCRIBERS** – (supports data in Sustainable Broadband Adoption Impact work sheet)

The broadband adoption campaign will cause 11,386 households, representing 38,592 residents, to become new broadband subscribers at home. This will increase the percentage of households with broadband to 71% in the two-year period, approaching the subscription levels in high-income communities.

These subscription goals are based on this calculation:

**Baseline:** A random sample telephone survey of 3,453 Chicago residents was conducted in English and Spanish in 2008 by the University of Illinois at Chicago and the University of Iowa. It provides the city with unique data on broadband adoption in the city's 77 community areas and census tracts. The survey also yields information about why people are not online, use of public access, and activities online by community area and tract.

**Strategy:** Outreach, education, training and marketing will be focused on reaching the vast majority of households in the target areas to make residents aware of new affordable services and to break down the other two primary barriers to use of broadband: “no interest” and “difficult to use.” At least 10 percent of all households will be reached by direct training, workshops and broadband access programs; and an estimated 75 percent of the area population will be exposed to the Broadband Awareness Campaign through marketing, neighborhood portals and advertising.

**Results:** The marketing and outreach methods are expected to effectively influence 75 percent of the non-broadband users, or 22,772 households. Of these, one-half are expected to become subscribers, resulting in 11,386 household subscriptions, or approximately 38,592 people.

## **6. INSTITUTIONAL SUBSCRIBERS** (supports data in Sustainable Broadband Adoption Impact work sheet)

The broadband awareness campaign combined with ample opportunities for training in new skills and tools will lead to new or significantly upgraded broadband service in at least 11 non-profit organizations and 90 small local businesses.

The projection for non-profit organizations is based on the planned participation of at least 23 non-profit organizations in the delivery of trainings, outreach, marketing, business services and employment services related to the Smart Communities program. Informal technology assessments conducted during the neighborhood planning processes found that most of these organizations use outmoded computers and have inadequate network and internet capacities. After the exposure to trainings and upgraded capabilities of their peer organizations, about one-half of the groups are expected to upgrade their equipment and increase their internet capabilities through improved broadband services.

The projection for businesses is based on serving 360 small local businesses with business technology assessments (covering business needs, computers, networks, software, bandwidth and peripherals) and 160 business owners or individuals who participate in trainings on hardware, software and business technology use. Because there is likely to be overlap between these two types of service, the assumption is that 360 total businesses will be served, of which 25 percent, or 90 businesses, will find it advantageous to upgrade their broadband services.

## **7. USERS OF PUBLIC ACCESS FACILITIES** (supports data in Sustainable Broadband Adoption Impact work sheet)

By adding new computer capacity, higher bandwidth and child-friendly workstations in each of the five Smart Communities, an estimated 5,704 additional users of broadband services will be

served through this program, 5,544 through the FamilyNet Centers and 160 through the Business Resource Centers.

This is in addition to the 5,456 individuals expected to participate in training programs and workshops, as described in Question 17.

The FamilyNet total is based on current traffic to the Centers for Working Families (2,772 unduplicated quarterly visitors) that will co-host the FamilyNet Centers, plus a documented demand at those centers for public computing and longer hours. It also takes into account waiting lines at nearby public libraries that, in some cases, lack sufficient bandwidth to adequately serve broadband-intensive uses.

All of the FamilyNet Centers will expand their hours to include weekends and all but one, located in a bank, will add evening hours. With these longer hours, high-quality computers and software, and a welcoming FamilyNet Center coordinator at each location, it is assumed that the FamilyNet Centers can attract 50 percent of the visitors who come to the Centers for Working Families for other services.

A smaller number of business users are expected to use free access at the four Business Resource Centers. These 160 users may also use computers and the internet at their homes or businesses, but will be drawn to the centers by faster internet service, specialized software programs and the lack of other choices for public access (such as coffee shops with internet access) in their neighborhoods.

**Summary: Users of Public Access Centers**

Type of program	Individuals served	Calculation rationale
FamilyNet Centers	5,544	50 percent of those served at co-located Centers for Working Families will use broadband services
Business Resource Centers	160	40 business owners or employees per center x 4 business centers
<b>Totals</b>	<b>5,704</b>	

**8. PROJECT TIMELINE** (supports narrative in Q34 SBA)

The implementation plan will cover 30 months (because programs will continue into Year 3) and be broken into seven overlapping categories, as detailed below:

	2010				2011				2012	
	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2
<b>Program Startup &amp; Management</b>										
Meeting of management team										
Hiring of key staff										
Build out and set up of ETO, data systems										
Training for new staff and consultants										
Bidding and finalizing of key contracts										
Partner grants made										
Curricula development										

Equipment purchase for nonprofit partners											
Develop computer refurbishment incentive programs											
Compliance/reporting visits by LISC to partner sites											
Quarterly reporting to NTIA											
Program evaluation											
	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2	
<b>Organizing Campaign</b>											
Asset mapping											
One-on-one campaign											
Connect youth/schools to Digital Youth Network											
Connect residents to FamilyNet Centers											
Connect businesses to Business Resource Centers											
	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2	
<b>Marketing Campaign</b>											
Develop branding and marketing campaign											
Field test marketing											
Develop collateral materials and distribution plan											
Run bus, radio, newspaper ads											
Evaluate and refine message											
	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2	
<b>FamilyNet Centers</b>											
Facility build out											
Field testing curriculum											
FamilyNet orientations											
Everyday Digital and Civic 2.0 classes											
Computer incentives											
Evaluate and refine curriculum											
	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2	
<b>Digital Youth Network (DYN) and YouMedia</b>											
Work with U of C to adapt DYN for new schools											
Set up MOAs with target schools for summer program											
Recruit summer youth and teacher/trainers											
Conduct summer program											
Computer incentives											
Set up MOAs with schools for after-school program											
Recruit/train students and mentors											
Conduct Digital Youth Network after-school program											
Adapt YouMedia program for three new libraries											
Provide YouMedia programming											
	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2	Q 3	Q 4	Q 1	Q 2	
<b>Portals</b>											
Refine beta portal at pilsenportal.org											
Train local content managers and contributors											

Deploy scribes to assist in core local content											
Integrate youth content from Digital Youth Network											
<b>Business Development and Attraction</b>	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
Develop business technology assessment tool											
Conduct business technology assessments											
Conduct business technology trainings											
Computer incentives											
Help small tech-services firms develop business plans											
Connect firms to partners/residents via service plans											
Develop business attraction program											
Launch business attraction program											
Bring broadband-intensive businesses to communities											

**NOTE:** Programs continue into Year 3 at local schools (Digital Youth Networks) to coincide with school year. Training, workshops and free broadband access continue into Year 3 at FamilyNet Centers as sustainable component of the program.

### 9. MATCHING FUNDS

A total of \$1.53 million in matching funds for the Broadband Adoption Campaign have been committed or have been spent for program design, development and early implementation.

An additional \$1 million in-kind donation of software from Microsoft Corporation is expected but is not included in this total. Microsoft has already provided \$1.1 million in software donations to community organizations involved in this program and has verbally committed to a similar donation during the life of the grant.

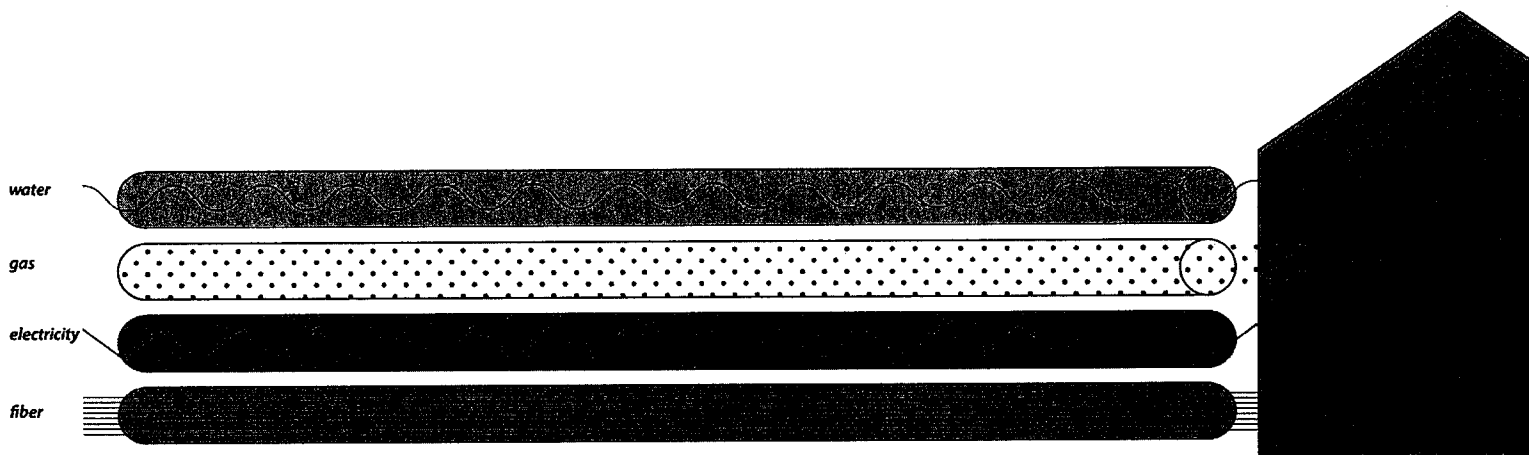
Source	Amount	% Match	Purpose
LISC/Chicago	\$ 653,632	43%	<ul style="list-style-type: none"> <li>• Consultant and staff to oversee program development and design</li> <li>• Portion of staffing (33% of Director of New Communities Program and Senior Program Officer of Center for Working Families and 50% of Program Assistant) to oversee and manage program at LISC.</li> <li>• Meeting and hospitality expenses for communities as part of campaign.</li> </ul>
MacArthur Foundation	605,000	40%	<ul style="list-style-type: none"> <li>• Salary and program grants to three Smart Communities lead agencies to oversee program in 2010</li> <li>• Support for expansion of YouMedia program to three Smart Communities libraries as enhanced access point and broadband demand generator</li> </ul>
Smart Community Lead Agencies	92,084	6%	<ul style="list-style-type: none"> <li>• Staffing and program design and development for broadband campaign</li> </ul>
State of Illinois DCEO	175,000	11%	<ul style="list-style-type: none"> <li>• Department of Commerce and Economic Opportunity grant supports "early action projects" in Pilsen (pilsenportal.org beta) and Auburn Gresham (youth digital media summer program) and Year 1 staffing.</li> </ul>

TOTAL	\$1,525,716	100%	
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# SmartChicago Sustainable Broadband Adoption

## LETTERS OF SUPPORT

City of Chicago  
August 19, 2009





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### Financial Partners

- Bickerdike Redevelopment Corporation
- Greater Auburn-Gresham Development Corporation
- John D. and Catherine T. MacArthur Foundation
- Local Initiatives Support Corporation / Chicago
- The Resurrection Project
- State of Illinois

### Health Care Delivery and Wellness

- Access Community Health Network
- Alliance of Chicago Community Health Services
- Children's Memorial Hospital
- Greater Humboldt Park Community of Wellness
- Metropolitan Chicago Healthcare Council
- Otho S.A. Sprague Memorial Institute
- Rush University Medical Center
- University of Chicago Medical Center

### Government Entities

- Chicago Housing Authority
- Chicago Transit Authority
- Chicago Park District
- Chicago Public Schools

### Education and Enrichment

- Chicago 2016
- City Colleges of Chicago
- DeVry University
- Chicago Museum Broadband Consortium
- Illinois Institute of Technology
- Illinois State Library
- Orozco Fine Arts and Sciences Elementary School
- Perspectives Charter Schools

### Community-Based Organizations

- Association House of Chicago
- Center for Neighborhood Technology
- Gads Hill Center
- Greater Southwest Development Corporation
- Inner-City Muslim Action Network

Pros Arts Studio  
The Puerto Rican Cultural Center  
Southwest Organizing Project  
Teamwork Englewood  
West Humboldt Park Family and Community Development Council

#### Economic and Technological Development

World Business Chicago  
Argonne National Laboratory  
Benton Foundation  
Chicago Council on Science and Technology  
Chicagoland Chamber of Commerce  
Chicagoland Entrepreneurial Center  
Chicago Workforce Investment Council  
Exelon  
Illinois Science and Technology Coalition  
Illinois Technology Association  
International Center for Advanced Internet Research  
TechAmerica

# Bickerdike Redevelopment Corporation

2550 West North Avenue / Chicago, Illinois 60647  
773 278 5669 phone / 773 278 5673 fax  
www.bickerdike.org



August 9, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express Bickerdike Redevelopment Corporation's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

Our organization employs approximately 80 individuals and is active in the affordable housing industry. We believe that SmartChicago offers new opportunities to increase our housing development efforts, pursue efficiencies, engage our residents, and create new jobs at a time of economic distress.

The current availability of broadband in Chicago is critically important to our organization. The advanced digital infrastructure that the City is proposing to provide would open the door to a range of innovative programs.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform our industry. In light of this unique opportunity, Bickerdike is committing \$21,250 to match the Department of Commerce's investment in SmartChicago.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,



Joy Aruguete  
Executive Director



**G A D C**

**BOARD MEMBERS**

BOARD PRESIDENT  
**CORTEZ CARTER**  
OULST DEVELOPMENT

VICE PRESIDENT  
**JAMES MILLER**  
STATEWAY ASSOCIATES, LLC

TREASURER  
**AMANDA NORMAN**  
7511 E. PARNELL BLOCK CLUB

SECRETARY  
**DEBORAH MOORE**  
NEIGHBORHOOD HOUSING SERVICES

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PROPERTY GROUP

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PROPERTY GROUP

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PROPERTY GROUP

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PROPERTY GROUP

**RETTY SWANSON**  
PROPERTY GROUP

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**BOARD ADVISOR**

**CHRIS TORICH**  
PROPERTY GROUP

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**BOARD ADVISOR**

**ALD. LATASHA THOMAS**  
17TH WARD

---

**CARLOS NELSON**  
GADC  
EXECUTIVE DIRECTOR

August 10, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express Greater Auburn-Gresham Development Corporation's (GADC) enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

Our organization employs fifteen individuals and is actively using technology to connect the Auburn-Gresham, Chicago Lawn, and Englewood communities to reduce the physical and psychological barriers that have hampered their cooperation and slowed their collective progress. In the same respect we are creating web content for a new neighborhood / community website to support our Southwest Digital Planning District.

The GADC participated in a community planning process in the Auburn Gresham, Chicago Lawn, and Englewood communities because we believe that broadband is critical infrastructure that enables the delivery of services that Chicagoans need.

In fact, the advanced digital infrastructure that the City is proposing to provide will open the door for many Chicagoans to a range of innovative programs in which our organization invests, such as: 1) expanding Center for Working Families' & Workforce Centers' computer labs and training programs, 2) developing a digital teaching youth corps to train adults and seniors in computer use, 3) expanding youth-run computer refurbishment centers, 4) supporting a digital arts youth center, 5) training small businesses in electronic bookkeeping & inventory management, and 6) developing technology training programs that meet the needs of hard to reach populations as people with criminal backgrounds, undocumented immigrants, and disabled individuals.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform our work.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

Carlos Nelson  
Executive Director

GREATER AUBURN GRESHAM CORPORATION  
1159 WEST 79TH STREET, CHICAGO, IL 60620  
PHONE: 773 • 483 • 3696 FAX: 773 • 483 • 3692  
EMAIL: greaterauburngcdc17@sbcglobal.net

# MACARTHUR

The John D. and Catherine T. MacArthur Foundation

August 7, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

**Re: SmartChicago Project**

To Whom It May Concern:

I am writing to express the John D. and Catherine T. MacArthur Foundation's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

We are one of the largest foundations in the country and we have a significant grantmaking focus on the issues of digital media and learning. We also support the notion that broadband technology is an essential element in the infrastructure that promotes individual and community competitiveness in an increasingly complex and connected world. The availability of broadband in Chicago will make it more likely the local neighborhoods in which we invest are places of choice, with the potential to provide a high quality way of life. The advanced digital infrastructure that the City is proposing to provide would open the door to a range of innovative programs that promote that goal.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – is a critical part of this city's and this region's ability to contribute to national prosperity and global competitiveness. To help realize this ambition, the MacArthur Foundation is committing \$605,000 in grants to advance activities in the proposal related to Digital Excellence Demonstration Communities and the expansion to several of

August 7, 2009  
Page Two

those communities of the YouMedia teen library facility. These funds are pledged as match to the Department of Commerce's investment in SmartChicago.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

A handwritten signature in black ink, appearing to read "Julia Stasch". The signature is stylized with a large initial "J" and "S".

Julia Stasch  
Vice President



August 10, 2009

**BOARD OF ADVISORS:**

Chair:  
Perry R. Pero  
*(RET.) The Northern Trust Company*

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David Anderson  
*New Pacific Consulting LLC*

Kevin Brookins  
*ComEd, An Exelon Company*

James Capraro  
*Greater Southwest  
Development Corporation*

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*Illinois Housing  
Development Authority*

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*The Private Bank and Trust Co.*

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Dept. of Community Dev.*

Hipolito Roldan  
*Hispanic Housing  
Development Corporation*

Ellen Sahli  
*City of Chicago  
Dept. of Community Dev.*

Scott C. Swanson  
*Charter One Bank*

David Vitale

Thomas O. Weeks  
*WeeksWeldon Dev. Co. LLC*

---

Andrew J. Mooney  
*LISC/Chicago*

Bishop Arthur M. Brazier  
*Senior Fellow*

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

LISC/Chicago is pleased to support the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

Local Initiatives Support Corporation (LISC) is a national intermediary with thirty local offices. LISC/Chicago is a recognized leader with more than 30 years experience helping to connect low and moderate income communities to the economic mainstream.

With support from the MacArthur Foundation and the State of Illinois Department of Commerce and Economic Opportunity, we have partnered with the City of Chicago on their Digital Excellence initiative. For the past seven months LISC/Chicago has worked with 5 communities to develop a Sustainable Broadband Adoption Campaign, which is a part of the SmartChicago application.

LISC/Chicago is committing \$650,092 in in-kind staff support and direct grant investment to support the City of Chicago's application and Sustainable Broadband Adoption Campaign to match the Department of Commerce's investment in SmartChicago.

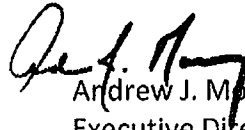
SmartChicago offers new opportunities to help connect Chicago's low and moderate income communities to the information economy and create new jobs at a time of economic downturn.

The current availability of broadband in Chicago is critically important to our community development efforts. The advanced digital infrastructure that the City is proposing would open the door to a range of innovative programs including our proposed FamilyNet Centers, Everyday Digital and Civic 2.0 classes that would help vulnerable populations to learn about the power of broadband technology.

LOCAL INITIATIVES SUPPORT CORPORATION  
1 North LaSalle Street, 12th Floor ■ Chicago, IL 60602  
Phone 312-360-0800 ■ Fax 312-360-0183  
WWW.LISC.ORG

We are confident that the model of partnership and innovation exemplified by the SmartChicago application is one that will transform our city and is one that could be replicated nationally. If you have any questions, please feel free to contact me at 312.697.6104.

Sincerely,

  
Andrew J. Mooney  
Executive Director  
LISC/Chicago





1818 South Paulina  
Chicago, Illinois 60608  
Tel. 312.666.1323  
Fax. 312.942.1123

August 7, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express The Resurrection Project's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

Our company employs 39 individuals and is active in the non-profit and community development industries. We believe that SmartChicago offers new opportunities to grow our business and create new jobs at a time of economic distress.

The current availability of broadband in Chicago is critically important to our business. The advanced digital infrastructure that the City is proposing to provide would open the door to a broader range of innovative programs.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform our industry. In light of this unique opportunity, The Resurrection Project is committing \$35,417 to match the Department of Commerce's investment in SmartChicago.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

Raul Raymundo  
Chief Executive Officer  
The Resurrection Project  
rraymundo@resurrectionproject.org



Rod Blagojevich  
Governor

Jack Lavin  
Director

**Notice of Grant Award No. 08-621105**  
**ELIMINATE THE DIGITAL DIVIDE**

This Grant Agreement (hereinafter referred to as the "Agreement") is entered into between the Illinois Department of Commerce and Economic Opportunity (hereinafter referred to as the "Department") and Local Initiatives Support Corporation (hereinafter referred to as the "Grantee"). Subject to terms and conditions of this Agreement, the Department agrees to provide a Grant in an amount not to exceed \$286,000.00 to the Grantee.

Subject to the execution of this Agreement by both parties, the Grantee is hereby authorized to incur costs against this Agreement from the beginning date of 06/01/2008 through the ending date of 05/31/2010, unless otherwise specified. The Grantee hereby agrees to use the funds provided under the Agreement for the purposes set forth herein and agrees to comply with all terms of this Agreement.

This Agreement includes the following sections, all of which are incorporated into and made part of this Agreement.

Part

- I. Budget
- II. Special Grant Conditions
- III. Scope of Work
- IV. Program Terms and Conditions
- V. General Provisions
- VI. Required Certifications

Under penalties of perjury, the undersigned certifies that the name, taxpayer information and legal status listed below are correct.

If you are an individual, enter your name and SSN as it appears on your Social Security Card. If completing this certification for a sole proprietorship, enter the owner's name followed by the name of the business and the owner's SSN. For all other entities, enter the name of the entity (as used for the entity's EIN) and the EIN.

Name: Local Initiatives Support Corporation

Taxpayer Identification Number:  
SSN/EIN: 133030229

Legal Status:

- |   |   |
|---|---|
| <input type="checkbox"/> Individual (01)                    | <input type="checkbox"/> Estate or Trust (10)   |
| <input type="checkbox"/> Sole Proprietor (02)               | <input type="checkbox"/> Pharmacy-Non-corporate (11)                                      |
| <input type="checkbox"/> Partnership/Legal Corporation (03) | <input type="checkbox"/> Nonresident Alien (13)   |
| <input type="checkbox"/> Corporation (04)                   | <input type="checkbox"/> Pharmacy/Funeral Home/Cemetery Corporation                       |
| <input type="checkbox"/> Not For Profit Corporation (04)    | <input checked="" type="checkbox"/> Tax Exempt (16) : _____                               |
| <input type="checkbox"/> Medical Corporation (06)           | <input type="checkbox"/> Limited Liability Company (select applicable tax Classification) |
| <input type="checkbox"/> Governmental (08)                  | <input type="checkbox"/> C - Corporation  |
|   | <input type="checkbox"/> P - Partnership  |

Internet Address <http://www.commerce.state.il.us>

620 East Adams Street  
Springfield, Illinois 62701-1615

217/782-7500  
TDD: 800/785-6055

James R. Thompson Center  
100 West Randolph Street, Suite 3-400  
Chicago, Illinois 60601-3219  
312/814-7179  
TDD: 800/785-6055

2309 West Main, Suite 118  
Marion, Illinois 62959-1180

618/997-4394  
TDD: 800/785-6055

Notice of Grant Award No. 08-621105  
ELIMINATE THE DIGITAL DIVIDE

Grantee:  
Local Initiatives Support Corporation

By: [Signature]  
(Signature)  
**LILY LIM**  
VICE PRESIDENT & CONTROLLER  
Print or Type Name and Title

June 30, 2008  
Date

State of Illinois Department of Commerce and Economic Opportunity

By: [Signature] 7 [Signature] 6/30/08  
Jack Lynn, Director Phil Wyatt  
Accounting Manager Date

Grantee Address:  
1 North LaSalle  
12th Floor  
Chicago, IL  
60602-3902

Authorized Signator:  
Caroline Goldstein  
Phone: 312-697-6455

Please indicate any changes below:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Authorized Signator:  
Lily Lim, Vice President and Controller  
312-455-9800

The following is designated as administrator for the Grantee:

Designated administrator  
For the Grantee:  
Caroline Goldstein  
Phone: 312-697-6455

Authorized Signator:

Phone:

In processing this grant, the Department will only accept documents signed by an Authorized Official of the grantee entity, or his or her designee, as listed above. Additional documentation will be required to verify signature authority of any other individuals.



Caring. Committed. Connected.

**Administrative Offices**  
1501 South California Avenue  
Chicago, Illinois 60608  
**phone: 773.257.8770**  
**fax: 773.257.6403**  
**accesscommunityhealth.net**

**Rogelio Lopez**  
President, Board of Directors

**Donna Thompson**  
Chief Executive Officer

**August 10, 2009**

**Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230**

**Re: SmartChicago Project**

**To Whom It May Concern:**

I am writing to express Access Community Health Network's (ACCESS) enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

ACCESS is the nation's largest Federally Qualified Health Center (FQHC) organization serving 215,000 patients in low-income and medically underserved areas at 51 health center locations across the greater Chicago area. The ACCESS approach offers two replicable strengths:

- Deploying the FQHC program to build a community health infrastructure of sufficient scale to care for hundreds of thousands of patients, and
- Building an integrated system of care through negotiated partnerships to provide access for FQHC patients to the specialty, diagnostic, and inpatient services they require.

ACCESS participated in SmartChicago's Health and Wellness working group during the project planning process because we believe that broadband is critical infrastructure that enables our delivery of telehealth services

In fact, the advanced digital infrastructure that the City is proposing to provide will open the door for many Chicagoans to a range of telehealth programs in which our organization invests, such as:

- Utilize videoconferencing to provide specialty healthcare services to our patient's regardless of patient and provider location,
- Utilize videoconferencing to provide primary care and non urgent care to patients in Emergency Rooms,

- Extend our prevention screening tools in our Electronic Health Record to our community and social service partners (SmartCommunities, SmartHubs),
- Extend availability of our patient's to access their Personal Health Record tool through our community and social service partners (SmartHubs);

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform our work.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,



Julie Bonello  
Chief Information Officer  
Access Community Health Network  
julie.bonello@accesscommunityhealth.net



**ALLIANCE OF CHICAGO**  
Community Health Services, LLC

August 10, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express the enthusiastic support of the Alliance of Chicago Community Services for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

Our organization directly employs 16 employees who support the work of more than 400 health center staff at the Chicago Health Centers who share our infrastructure and form a vital part of Chicago's Health Care Safety Net. Our focus is the provision of nationally recognized cutting edge health information technology for these Health Centers; all are currently live on a centrally hosted EMR linked to clinical decision support, chronic disease management and performance measure reporting.

The Alliance of Chicago participated in SmartChicago's Health working group during the project planning process because we believe that broadband is critical infrastructure that will expand the range of Health information technology that can be provided in our communities. These include not only improved access at the Health Centers, but functions leveraging improved broadband access by patients in our communities such as access to personal health records, interaction with institutional based digital health information, telemedicine applications and home based services. Broadband access will also increase access by patients to health education resources to help them better partner with us to manage their health. Despite common misconception, residents of underserved communities have expressed the desire to utilize such technology and services were they to have access.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform our work. Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

Fred D. Rachman, MD  
Chief Executive Officer, Alliance of Chicago Community Health Services

1440 North Dayton Street • Suite 308 • Chicago, Illinois 60622 • T 312.274.0068 • F 312.274.00069 • [www.alliancechicago.org](http://www.alliancechicago.org)  
Erie Family Health Center • Heartland Health Outreach • Howard Brown Health Center • Near North Health Service Corporation

Privileged and Confidential

Children's Memorial Hospital  
2300 Children's Plaza, Chicago, Illinois 60614-3394  
www.childrensmemorial.org  
773.880.4000



Children's Memorial Foundation  
Children's Memorial Institute  
for Educational Research  
Children's Memorial  
Home Health, LLC

August 10, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express Children's Memorial Hospital's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

Our organization employs 2800 FTEs and has 500 Physicians on staff and is active in the healthcare industry.

Children's Memorial Hospital participated in SmartChicago's Health and Wellness working group during the project planning process because we believe that broadband is critical infrastructure that enables the delivery of services that Chicagoans need.

In fact, the advanced digital infrastructure that the City is proposing to provide will open the door for many Chicagoans to a range of innovative programs in which our organization invests, such as:

1. Community based physicians associated with Children's Memorial Hospital will be offered connectivity to shared Electronic Health Records (EHR) to benefit the patient community by allowing real-time sharing of clinical information to improve patient outcomes and facilitating communication between care providers. There will be monthly licensing and connectivity fees that will be charged per physician/month. The broadband proposal will allow connectivity at a more affordable rate than what would be offered without the broadband network allowing more physician offices to join the shared EHR.
2. Congenital Heart Disease (CHD) is the leading cause of death in babies with birth defects. It occurs in 8/1,000 live births and babies can be diagnosed at bedside with a tele-cardiology echocardiogram (cardiac ultrasound). Rapid diagnosis is the key to survival and specialized expertise is essential. A "blue baby" can be saved with medications if given within hours of birth.



A Member of the  
McGaw Medical Center of  
Northwestern University

Additionally, tele-echocardiography is now used in approximately 10% of all live births for evaluation of respiratory distress and multiple congenital anomalies. However, not all birthing facilities have access to pediatric cardiologists. Currently, pediatric cardiologists at Children's Memorial Hospital provide 24/7 diagnostic echocardiography services with sonographers at several distant hospitals using videoconferencing. At the patient's bedside, the remote hospital sonographer interacts in real-time with the physician or CMH sonographer while the study is being performed. Currently 4 area hospitals use tele-echo to evaluate patients suspected of having congenital heart disease.

3. Provide education on health conditions (i.e. H1N1) to school nurses, teachers, coaches, psychologists, social workers, early childhood staff, parents/guardians of children in the Chicago Public School System via a telecommunications program.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform our work.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,



Stan Krok  
Chief Information Officer  
Children's Memorial Hospital  
2300 Children's Plaza Chicago, IL 60614  
[skrok@childrensmemorial.org](mailto:skrok@childrensmemorial.org)  
312-573-4593 (o)



**The Greater Humboldt Park Community of Wellness**  
1116 North Kedzie Chicago IL 60651  
Phone # 773-772-8240 Fax# 773-384-0560

---

August 10, 2009

**STEERING  
COMMITTEE**

**Miguel Palacio**  
*Association House of  
Chicago  
(Co-Chair)*

**Madeline Roman**  
*Humboldt Park  
Vocational Education  
Center Wright College  
(Co-Chair)*

**Lee Francis**  
*Erie Family Health  
Center*

**José Lopez**  
*Puerto Rican  
Cultural Center*

**Eliud Medina**  
*Near Northwest  
Neighborhood  
Network/HPEP*

**Irma Pacheco**  
*Centro San Bonifacio*

**Christy Prah**  
*Bickerdike  
Redevelopment  
Corporation*

**José Luis  
Rodríguez**  
*CO-OP Humboldt Park*

**Janece Simmons**  
*West Humboldt Park  
Family and Community  
Development Council*

**Steve Whitman**  
*Sinai Urban Health  
Institute*

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express The Greater Humboldt Park Community of Wellness' enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

The Greater Humboldt Park Community of Wellness is a broad coalition of organizations and individuals dedicated to improving our community's health status through community leadership, collaboration and culture. Our membership includes community members and over fifty organizations, which includes healthcare providers, human service agencies, advocacy groups, research institutions, schools, and institutions of higher education. The Community of Wellness leverages the strengths of existing organizations and residents into a community-wide approach to improving the health and wellness of Greater Humboldt Park.

The Community of Wellness participated in a community planning process in the Humboldt Park neighborhood because we believe that broadband is critical infrastructure that enables the delivery of services that Chicagoans need. The advanced digital infrastructure that the City is proposing to provide will open the door for many Chicagoans to a range of innovative programs such as: creating "smart hubs" in community institutions/organizations, providing residents with new locations for Internet access, along with training and support. We are confident that SmartChicago, with its comprehensive approach to connecting Chicago neighborhoods with broadband technology would provide new and important resources to help us in our pursuit of creating a community of wellness where health is a dimension of community improvement.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform our work.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,



Katie Ediger  
Coordinator  
Greater Humboldt Park Community of Wellness



**MCHC**  
**Metropolitan Chicago**  
**Healthcare Council**

222 South Riverside Plaza  
Chicago, Illinois 60606-6010  
Telephone 312-906-6000  
Facsimile 312-993-0779  
<http://www.mchc.org>

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Senior Consultant  
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**Alan H. Channing**

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Sinai Health System

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Hospital Administrator  
Shriners Hospitals for Children-Chicago

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President/Chief Executive Officer  
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Executive Vice President and  
Chief Executive Officer  
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Rehabilitation Institute of Chicago

**Sister Elizabeth Van Straten**

President/Chief Executive Officer  
Saint Bernard Hospital and  
Health Care Center

**Thomas L. Wright**

President/Chief Executive Officer  
DeInor-Community Hospital

August 10, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express the Metropolitan Chicago Healthcare Council's (MCHC's) enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

MCHC is a membership and service association comprising more than 140 hospitals and health care organizations working together, since 1935, to improve the delivery of health care services in the Chicago area. The Council's institutional members consist of hospitals (and their integrated delivery systems) in the eight-county Chicago area. Collectively, MCHC's member organizations employ over 150,000 people.

MCHC participated in SmartChicago's healthcare working group during the project planning process because we believe that broadband is critical infrastructure that enables the delivery of high quality healthcare services that Chicagoans need.

In fact, the advanced digital infrastructure that the City is proposing to provide will open the door for many Chicagoans to a range of innovative programs in which our organization invests, such as the Illinois Virtual Interpretation Network (IVIN), which will provide real-time language interpretive services to patients across Chicago.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago - if funded and replicated - could transform our work.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

Mary Anne Kelly

Vice President and Chief Executive Officer

OTHO S.A. SPRAGUE MEMORIAL INSTITUTE

P.O. BOX 806214

CHICAGO, ILLINOIS 60680-4123

August 14, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

RE: **SmartChicago Project**

To Whom It May Concern:

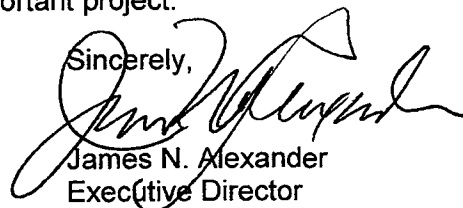
On behalf of The Otho S.A. Sprague Memorial Institute, a 98 year old independent Chicago-based foundation, I am writing to express support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

The Sprague Institute participated in SmartChicago's project planning process because we believe that broadband is critical infrastructure that enables the delivery of services that Chicagoans need. As a philanthropy concerned about health and wellness, we are particularly interested in this project because of its potential benefits to the City's underserved populations. We already are supporting a number of programs to promote health and wellness in Chicago. If this application is approved, we see opportunities to utilize new technologies to enhance our efforts including ways to:

- reach patients with health updates, information and reminders – especially useful during the flu season and with preparation for responding to the H1N1 pandemic
- link community-based health promoting organizations and clinical providers with patients and with peers
- improve the Patient Connection Program that works through our local Red Cross Chapter to reunite victims with their families in times of mass incidents/emergencies
- connect eligible clinics through tele-pharmacy technology with MedAccess Chicago, a program we founded that re-distributes vital medications to those who cannot afford them, in a model similar to how food pantries re-distribute nutritious products donated by the food industry
- better link schools to I-CARE, the State's immunization registry to help annual compliance checking mandated by law
- link FQHCs with specialty providers, who can read digital images and utilize tele-medicine technologies to best advantage

We applaud the federal government's leadership. We believe that SmartChicago – if funded and replicated – could transform our work.

Please feel free to contact me at 847.475.0034 with any questions. Thank you for your consideration of this important project.

Sincerely,  
  
James N. Alexander  
Executive Director

Lac Tran  
Senior Vice President  
Chief Information Officer  
Associate Dean for Information  
Technology of Rush University

Office of the CIO  
1700 West Van Buren Street  
Suite 376  
Chicago, Illinois 60612-3244

Tel 312.942.3400  
Fax 312.942.4062  
Voice Mail 312.942.3400  
Lac\_Tran@rush.edu  
www.rush.edu

RUSH UNIVERSITY  
COLLEGE OF NURSING  
RUSH MEDICAL COLLEGE  
COLLEGE OF HEALTH SCIENCES  
THE GRADUATE COLLEGE



August 17, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express Rush University Medical Center's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

Our organization employs 8000 individuals and is active in the Health Care, Research and Higher Health Care Education area.

Rush University Medical Center participated in SmartChicago's project planning process because we believe that broadband is critical infrastructure that enables the delivery of services that Chicagoans need.

In fact, the advanced digital infrastructure that the City is proposing to provide will open the door for many Chicagoans to a range of innovative programs in which our organization invests, such as:

- Health care information exchange
- Patient access to electronic medical record
- Patient health care education

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform our work.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

A handwritten signature in black ink, appearing to read 'Lac V Tran'.

Lac V Tran  
Senior Vice President and Chief Information Officer

August 12, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express the University of Chicago Medical Center's enthusiastic support for the City of Chicago's application for the Broadband Technology Opportunities Program for SmartChicago.

The Medical Center employs more than 9,500 people and with the University represents the largest employer on Chicago's South Side. We care for hundreds of thousands of patients a year and are one of the largest providers of uncompensated care in Illinois.

Our primary service area is an underserved community, comprising 1.1 million residents, that is disproportionately affected by diabetes, hypertension, asthma, and other chronic conditions. It is also distinguished by limited residential access to information technology, including the internet. Through the Urban Health Initiative (UHI), we are partnering with community health centers and hospitals to build a cohesive technology-enabled healthcare system on the South Side that can sustainably improve health and wellness in this high-need community. The intent is to establish a new model for taking care of the most vulnerable in our society that can be replicated in communities across America.

The enhanced connectivity provided by the SmartChicago network will significantly advance the effective operation of the UHI. We will build off the SmartChicago platform by developing software tools to support robust knowledge-sharing among health care providers, including secure transmission of electronic medical records to enable patients to move seamlessly between care settings. These capabilities are key to the coordinated system of medical care the UHI is seeking to create on the South Side.

Additionally, improved community internet access will significantly amplify the impact of the South Side Health and Vitality Studies, the research prong of the UHI (administered by the Medical Center's Center for Community Health and Vitality), which plans to systematically evaluate the long-term health of residents by tracking 5,000 households over a generation. Electronic communications will form an integral part of the data-gathering process and a key focus of the research itself will be the impact of bio and information technology on health and health care outcomes. In the latter regard, SmartChicago will open up new opportunities for the deployment of electronic health applications in patients' homes that can be used to perform remote diagnoses, facilitate physician-patient communication, provide home monitoring, and deliver mental health and urgent care triage services. It will also advance an innovative two-way public health information surveillance system that will electronically transmit public health alerts and allow

residents to relay important health information from the community. Moreover SmartChicago will leverage millions of dollars in NIH support of University bioinformatics.

The UHI is further distinguished by its comprehensive approach to promoting health. This includes addressing the socioeconomic determinants of health by connecting residents to information on housing, food, and social services. SmartChicago will enhance our ability to do this by improving access to a new online databank, co-created by Medical Center staff and community stakeholders, that consolidates information on these resources (otherwise scattered and hard-to-find) in a single website.

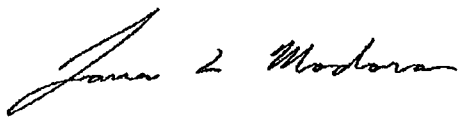
The Medical Center has been an active and engaged participant in the planning process for SmartChicago from the outset. This stems from our conviction that it can help us accomplish the UHI's goal of redressing long-standing health inequities and transforming public health for Chicago's most disadvantaged residents.

To match the federal funding being sought for SmartChicago and to maximize the impact of this important civic initiative, the Medical Center will make a direct investment of \$750,000 and will work to secure an additional \$750,000 in institutional commitment for a total potential contribution of \$1.5 million.

We applaud the federal government's vision and leadership in tackling this critical issue and we believe that, with funding, SmartChicago can transform our work.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,



James L. Madara, M.D.  
Chief Executive Officer of the University of Chicago Medical Center  
University Vice President for Medical Affairs  
Dean, Division of the Biological Sciences and the Pritzker School of Medicine  
Sara and Harold Lincoln Thompson Distinguished Service Professor



Eric E. Whitaker, M.D., MPH  
Executive Vice President Strategic Affiliation  
Associate Dean, Community-Based Research  
University of Chicago Medical Center

**Martin Nesbitt**  
*Chairperson*

*Board of Commissioners*

**Hallie Amey**

**Deverra Beverly**

**Dr. Mildred Harris**

**Michael Ivers**

**Myra King**

**Carlos Ponce**

**Bridget Reidy**

**Sandra Young**

**Lewis A. Jordan**  
*Chief Executive Officer*

**Scott W. Ammarell**  
*General Counsel*

August 12, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

**Re: SmartChicago Project**

To Whom It May Concern:

I am writing to express the Chicago Housing Authority's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program funding for the SmartChicago project.

CHA is the largest owner of rental housing in the City of Chicago, providing homes to more than 50,000 low-income individuals and families across the city. We are currently in the midst of the Plan for Transformation, the largest and most ambitious redevelopment effort of public housing in the history of the United States. As part of the Plan, CHA will redevelop or rehabilitate its entire stock of public housing.

At the start of the 21<sup>st</sup> century, broadband is critical infrastructure for allowing us to deliver the services that public housing residents need. Unfortunately, at many of our locations broadband services are either unavailable or of insufficient speeds and reliability to meet our needs. For example, Altgeld Gardens, one of CHA's largest family developments with 2,000 units of housing, located on the city's far south side, does not currently have access to high-speed broadband connectivity. Additionally, the current commercial cost of broadband access is not affordable for public housing families, further exacerbating the digital divide that disproportionately affects low-income households.

The advanced digital infrastructure that the City is proposing to provide would potentially service 10,000 CHA homes, would meet a vitally important need by augmenting our existing programs and would also open the door to a range of new innovative programs as well. All public housing residents, through our partner TEC Services, currently have access to free technology training and related workforce development opportunities. Affordable broadband access in the home would allow CHA residents to leverage this training by completing additional online training, career exploration, job searches and access online supportive services – all from their individual units.

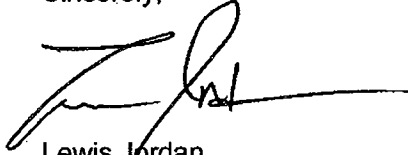
In light of this unique opportunity, the Chicago Housing Authority is pledging to invest \$3 million as a founding partner in SmartChicago Communications, the entity that will manage the network. Finally, we pledge to bring this matter before our Board of Commissioners for consideration and approval no later than our September Board, scheduled for September 15, 2009.



Broadband Technology Opportunities Program  
August 12, 2009  
Page Two

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

A handwritten signature in black ink, appearing to read 'Lewis Jordan', with a long horizontal flourish extending to the right.

Lewis Jordan  
President/CEO



CHICAGO TRANSIT AUTHORITY

567 West Lake Street  
Chicago, Illinois 60661-1498  
TEL 312 664-7200  
[www.transitchicago.com](http://www.transitchicago.com)

August 12, 2008

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, N.W.  
HCHB, Room 4812  
Washington, D.C. 20230

Re: **SmartChicago Broadband Project**

To whom it may concern:

On behalf of the Chicago Transit Authority (CTA), I am writing to express my sincere support for the City of Chicago's application for the American Recovery and Reinvestment Act (ARRA) funded Broadband Technology Opportunities Program focused on the delivery of the SmartChicago project.

The CTA is responsible for the safe and efficient transport of over 1.7 million passengers per day throughout the great City of Chicago and 40 of its suburbs. Rain, snow or shine, the CTA has been and remains focused on supplying a cost-effective and customer-friendly way for residents and visitors to enjoy and explore Chicago.

The CTA is committed to delivering transportation services complemented by advanced technology and efficient design. As early as the mid-1990s, the CTA embarked on an ambitious plan to enable its extensive right-of-way – numbering in the hundreds of miles – to be transformed into a foundation on which to build a modern communications infrastructure. Today, as a result of that effort the CTA currently owns and operates one of the largest and most robust municipal broadband communications networks in the United States with the ability and capacity for expansion. It is this capacity and the underlying strength of our infrastructure that we pledge as a founding partner in SmartChicago Communications, the entity that will ultimately manage the SmartChicago network. Further, we are also committed to pledging additional cash and in-kind contributions totaling \$2 million to ensure the delivery of this important project.

Thank you for the opportunity to share in this effort. It is my intention to bring this matter before my Board for consideration and approval no later than our next Board meeting scheduled for September, 9 2009.

Please feel free to contact me if you have any questions.

Sincerely,



Richard L. Rodriguez  
President



**chicago park district**

Administrative Office  
541 North Fairbanks  
Chicago, Illinois 60611  
t (312) 742-PLAY  
(312) 747-2001 TTY  
www.chicagoparkdistrict.com

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*President*

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Rouhy J. Shalabi

**General Superintendent  
& CEO**

Timothy J. Mitchell

City of Chicago  
Richard M. Daley  
*Mayor*

August 12, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express the Chicago Park District's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program funding for the SmartChicago project.

The Chicago Park District recognizes that technological advances have the potential to expand and change the way the public uses parks and other public spaces. At the start of the 21<sup>st</sup> century, broadband is critical infrastructure for allowing us to deliver the services that Chicagoans need. Unfortunately, at many of our locations broadband services are either unavailable or of insufficient speeds and reliability to meet our needs. The advanced digital infrastructure that the City is proposing to provide to 109 parks would not only meet our current needs, but would also open the door to a range of innovative programs, and create new opportunities for public enjoyment in many of Chicago's parks.

In light of this unique opportunity, the Chicago Park District is pledging \$1,000,000 in cash to match the Department of Commerce's investment in SmartChicago. Furthermore, to ensure the sustainability of the project we will invest \$500,000 as a founding partner in SmartChicago Communications, the entity that will manage the network. Accordingly, we will request approval from our Board of Commissioners on October 14, 2009.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

Timothy J. Mitchell  
General Superintendent & CEO

The Chicago Park District  
541 North Fairbanks  
Chicago, Illinois 60611  
Tel: 312-742-4200  
Fax: 312-742-5276  
timothy.mitchell@chicagoparkdistrict.com

CHICAGO  
PARK  
DISTRICT

come out  
and play



**Ron Huberman**  
Chief Executive Officer

August 13, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express the Chicago Board of Education's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program funding for the SmartChicago project.

The Chicago Board of Education ("Chicago Public Schools") is the third largest school district in the United States. Chicago Public Schools includes approximately 650 schools that serve more than 400,000 children from early childhood through twelfth grade.

At the start of the 21<sup>st</sup> century, broadband is critical infrastructure for allowing us to deliver the services that Chicagoans need. Unfortunately, throughout the city, broadband services are either unavailable or of insufficient speeds and reliability to meet the needs of our students, parents, teachers, and other stakeholders. The advanced digital infrastructure that the City is proposing to provide to Chicago Public Schools and surrounding areas would not only meet our current needs, but would also make technology much more accessible to our stakeholders. For example, Chicago Public School parents would be able to more easily access the district's student information web site, which includes secure information about their children's attendance, assignments, and grades.

In light of this unique opportunity, Chicago Public Schools is committed to requesting \$2.5 million over three years to match the Department of Commerce's investment in SmartChicago. Furthermore, to ensure the sustainability of the project we are committed to requesting \$1.5 million over three years as a founding partner in SmartChicago Communications, the entity that will manage the network. We will officially request these investment amounts at our September Chicago Board of Education meeting so that we can have a secure commitment by October 14, 2009.

Thank you for your consideration of this important project.

Sincerely,

Ron Huberman  
Chief Executive Officer



CHICAGO 2016  
CANDIDATE CITY



August 19, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express Chicago 2016's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago. Chicago 2016 is a privately-funded organization that is working with the city to bring the 2016 Olympic and Paralympic Games to Chicago.

Chicago 2016 believes that SmartChicago would play a key role in helping to provide the digital infrastructure to support games, should the city be selected. The project's intent to open middle-mile fiber to wireless providers, for example, would help buttress cellular networks as millions of spectators flock to Chicago.

And by providing broadband access to more Chicagoans, SmartChicago would expand the reach of the games even further into the city's neighborhoods. For example, providing broadband services in underserved communities would allow us to connect the youth of that community with Olympic and Paralympic sports that are available to them through our legacy organization, World Sport Chicago.

Chicago 2016's legacy can also support SmartChicago. Hosting the games in Chicago would create a multitude of public works and construction projects. Coordinating with these activities to lay conduit and fiber-optic cable would allow for rapid expansion of the SmartChicago network.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could greatly facilitate our work.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

LORI HEALY • PRESIDENT  
LHEALEY@CHICAGO2016.ORG

T +1.312.861.4871 • F +1.312.861.4801  
200 E RANDOLPH • SUITE 2016 • CHICAGO, IL 60601  
WWW.CHICAGO2016.ORG



August 12, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: SmartChicago Project

To Whom it May Concern:

The purpose of this letter is to express the City Colleges of Chicago's support for the City of Chicago's application for Broadband Technology Opportunities Program funding for the SmartChicago project

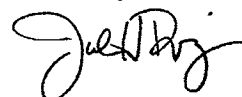
The City Colleges of Chicago (CCC), Community College District 508, is a system of seven independently accredited colleges. CCC provides four essential services. They are: Liberal Arts Education (associate degrees and certificates); Occupational Education (workforce training); Adult Education (General Educational Development, English as a Second Language, Adult Basic Education); and Continuing Education (programs that add value to the quality of life). City Colleges of Chicago, District 508, includes Richard J. Daley College, Kennedy-King College, Malcolm X College, Olive-Harvey College, Harry S. Truman College, Harold Washington College and Wilbur Wright College. WYCC-TV Channel 20, a public broadcast station, is also part of the City Colleges system.

At the start of the 21st century, broadband is critical infrastructure for allowing us to deliver the services that Chicagoans need. While the City Colleges of Chicago is currently using a broadband infrastructure, costs remain a factor in our ability to deliver greater speed and keeping up with the demands of our user communities. A more cost effective means for delivering broadband service will allow us to more rapidly expand our ability to provide interactive learning environments within and among our seven colleges and provide faster, more reliable connections to our wireless infrastructure for both our students and community residents.

In light of this unique opportunity, the City Colleges of Chicago is pledging cash to match the Department of Commerce's investment in SmartChicago (if fully funded).

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,



John H. Dozier

Vice Chancellor of Information Technology and Chief Information Officer

[jdozier@ccc.edu](mailto:jdozier@ccc.edu)

(312) 553-3250



One Tower Lane  
Oakbrook Terrace  
Illinois 60181-4624  
630-571-7700  
800-733-3879  
www.devry.com

August 7, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express DeVry Inc.'s enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program funding for SmartChicago.

DeVry Inc. employs more than 16,000 individuals serving secondary through postsecondary education in areas such as business, technology, and healthcare, as well as accounting and finance professionals. We believe that SmartChicago offers new opportunities to serve the needs of students and create new jobs at a time of economic distress.

The current availability of broadband in Chicago is critically important to serve the needs of students. DeVry University and its Keller Graduate School of Management (KGSM) both serve minority students of the Illinois community:

- *Diverse: Issues in Higher Education*, an educational trade publication, ranked KGSM fifth in awarding graduate degrees in business, management and marketing to minority students, including sixth to Hispanics and seventh to African-Americans;
- *Hispanic Outlook in Higher Education*, an education publication, ranked DeVry University the leading producer of Hispanic computer science bachelor's degree graduates

However, DeVry University could be helping more of the Illinois minority community if there were affordable and available access to broadband internet service. DeVry University offers both on campus and online educational offerings, but minorities often cannot take advantage of either because they do not have easy transportation to our campuses, or they do not have access to high speed Internet to take advantage of our online degree programs.





We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform our industry. According to 2006 data reported by CEOs for Cities, each additional percentage point improvement in aggregate adult four-year college attainment is associated with a \$763 increase in annual per capita income. Therefore, allowing underserved parts of the Chicago community access to high speed Internet would open up opportunities for members of these communities to attain four-year college degrees. This in turn would bring an economic boon to Chicago, its communities, and, most importantly to the participants  
Thank you for your consideration of this important project.

Sincerely,

Eric Dirst  
Senior Vice President &  
Chief Information Officer  
DeVry Inc.

August 10, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: MuseNet Project

To Whom It May Concern:

On behalf of Chicago's Department of Innovation and Technology, I enthusiastically endorse the Chicago Museum Broadband Consortium's application "MuseNet: Connecting Chicago's Museums to National and Global Communities Through a Next Generation Fiber Network," submitted to the Broadband Technology Opportunity Program. MuseNet will bring the collections of Chicago's great museums to schools, libraries and homes in Chicago and beyond. This initiative directly complements and provides value to the City's proposal, "The SmartChicago Broadband Expansion Project." This project provides for a comprehensive approach to broadband that includes extending existing infrastructure assets, including fiber, establishing Smart Hubs, which will provide advanced broadband services to communities, and Smart Communities, two pilot neighborhood projects that will provide broadband to residential areas where it does not exist today.

The MuseNet project will be especially valuable to multiple anticipated teaching and learning projects that will be supported for schools over these new high performance networks. This broadband initiative will also assist in supporting public safety activities on the museum campus. To assist the Chicago Museum Broadband Consortium, the City will undertake its best efforts to offer the use of City infrastructure resources to assist them to meet their goals where appropriate, including, tunnels, conduit, fiber, and other assets. In one aspect of this synergy between the two projects, SmartChicago will connect fiber to the DuSable Museum of African American History and the National Museum of Mexican Art.

The City of Chicago looks forward to working with the Chicago Museum Broadband Consortium to create the MuseNet network and to integrate it with SmartChicago in order to connect Chicago's museums to the citizens of Chicago.

August 7, 2009

**Broadband Technology Opportunities Program**  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

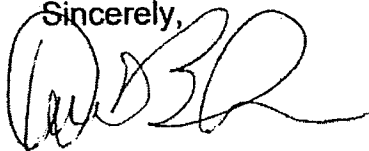
I am writing to express Illinois Institute of Technology's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program funding for SmartChicago.

IIT has long sought to promote the expansion of Broadband services in Chicago as a way to increase educational and business opportunities, particularly as they relate to the underserved communities surrounding our Southside Main Campus. Our university has developed seven community computer centers, and helped develop internet services in numerous schools. All of these installations were hampered by the lack of broadband availability.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could go a long way to fixing the broadband infrastructure problem in underserved areas of the city.

IIT is also submitting a proposal to the Broadband Technology Opportunities Program, focused on Sustainable Broadband Adoption of the initial 4G WiMax offerings in the Chicago Region. We believe this project to be completely compatible with SmartChicago's vision.

Sincerely,



www.iit.edu

David E. Baker  
Vice President  
External Affairs

Room 223, Perlstein Hall  
330 West 33rd Street  
Chicago, Illinois 60616

773.567.3560  
773.567.3004 Fax  
dbakerd@iit.edu

cc: Karim  
Karen



2009 AUG 11 AM 9:31

OFFICE OF THE SECRETARY OF STATE  
DEPUTY COMMISSIONER

JESSE WHITE • Secretary of State

Illinois State Library  
Gwendolyn Brooks Building  
300 South Second Street  
Springfield, Illinois 62701  
217-782-2994

August 6, 2009

Ms. Mary Dempsey  
Commissioner  
Chicago Public Library  
400 South State Street  
Chicago, Illinois 60605

Dear Mary:

The Illinois State Library (ISL) strongly supports the comprehensive application of the City of Chicago, which incorporates the needs of the Chicago Public Library (CPL), for funding from the Broadband Technology Opportunities Program (BTOP).

The ISL appreciates the letter you recently sent to me in support of the statewide application that the ISL is working on with the Illinois Department of Commerce and Economic Opportunity (DCEO) to secure BTOP Public Computer Center funding for public libraries outside the City of Chicago and community colleges statewide. The CPL and its many branches are an integral and important component of the provision of services in Chicago, and it certainly makes good sense for the CPL to be part of one citywide application coordinated by the City of Chicago's Department of Information Technology.

I join you in hoping for a successful result for both the City of Chicago application and the statewide application we are working on with DCEO, so that enhanced and vital broadband-delivered services are provided to library patrons in Chicago and across Illinois.

Sincerely,

A handwritten signature in cursive script that reads "Anne Craig".

Anne Craig, Director  
Illinois State Library  
acraig@ilsos.net

**RECEIVED**

AUG 10 2009

COMMISSIONER'S OFFICE

August 10, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express Orozco Fine Arts & Sciences Elementary School's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

Our school employs 50 individuals and is active in the educational and non-profit industries.

Orozco school participated in a community planning process in the Pilsen community because we believe that broadband is critical infrastructure that enables the delivery of services that Chicagoans need.

In fact, the advanced digital infrastructure that the City is proposing to provide will open the door for many Chicagoans to a range of innovative programs in which our organization invests, such as: adult computer courses and training, as well as after school programming.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform our work.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

Corralia Barraza

Principal

Orozco Fine Arts & Sciences Elementary School  
corces@yahoo.com



## Perspectives Charter Schools

August 10, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express Perspectives Charter Schools' enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

Our organization employs 220 individuals and we are a five-school network of Charter Schools educating almost 2400 children in grades six through twelve.

Perspectives Charter Schools' participated in a community planning process in the Auburn Gresham community because we believe that broadband is critical infrastructure that enables the delivery of services that Chicagoans need.

In fact, the advanced digital infrastructure that the City is proposing to provide will open the door for many Chicagoans to a range of innovative programs in which our organization invests, including digital media, science and math curriculum, Peace Alliance, *College for Certain*, *A Disciplined Life*®, Healthy Lifestyles, FIRST Robotics, Tech Club, field studies and community actions projects.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform our work.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

Diana Shulla-Cose  
President & Co-Founder  
Perspectives Charter Schools  
312-604-2123/dshulla@perspectivescs.org

Perspectives Charter Schools  
601 S. La Salle Street  
Suite 700  
Chicago, IL 60605  
t 312.604.2200 f 312.604.2199



## Association House of Chicago

1116 North Kedzie Avenue • Chicago IL 60651  
773-772-7170 • FAX 773-384-0560

*OPENING DOORS FOR A NEW CENTURY*

August 10, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

**Re: SmartChicago Project**

To Whom It May Concern:

I am writing to express Association House of Chicago's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

Founded in 1899 as one of the original Chicago settlement houses begun by Jane Addams, Association House of Chicago has nearly 30 programs organized in 5 divisions and staffed by 173 employees and serving 20,000 individuals through: Behavioral Health, including services for mental health, persons with developmental disabilities and alcohol drug use, to include a primary care center; Child Welfare; Out of School Time Programs, both providing interventions and preventions to protect the safety of children and contribute to their healthy development; an alternative high school for students who have dropped out of the public school system; and Community Services, a compendium of the traditional settlement house services that include job readiness for youth and adults, including persons with criminal records, family literacy, adult basic education, English as a second language, and citizenship.

In Community Services, the Center for Working Families in particular brings together divisional services and supports each through our Technology Center, to introduce all participants in these services to computers and the internet. In addition, in cooperation with the local vocational education center, we have been developing a technology bridge program and retail customer service as underpinnings for various job sectors. We have also focused on health in partnership with other local and national community based organizations that has resulted in the model program, Carreras en Salud, an LPN bridge program. We will be focusing specifically on Certified Medical Assistant. As a member of the Humboldt Park Community of Wellness, a coalition addressing health disparities, education and job preparation, we have been intimately involved in the development of a Spanish language curriculum in health and in developing educational

and employment opportunities in partnership with local health providers, who are also members of the New Communities Program.

Association House of Chicago participated in a community planning process in the Humboldt Park community because we believe that broadband is critical infrastructure that enables the delivery of services that Chicagoans need.

In fact, the advanced digital infrastructure that the City is proposing to provide will open the door for many Chicagoans to a range of innovative programs in which our organization invests, such as those in health and education mentioned above and particularly through our Center for Working Families, for the families and children from local elementary schools as well as from our own after school, high school and case management programs.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform our work.

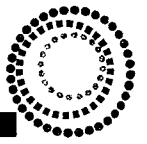
Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,



Harriet Sadauskas  
President  
Association House of Chicago  
1116 N. Kedzie Ave.  
Chicago, IL 60651





**CNT**  
Sustainable Communities  
Attainable Results

August 18, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express the Center for Neighborhood Technology's support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

Our organization employs 60 individuals and leader in promoting more livable and sustainable urban communities. We were a recipient of a 2009 MacArthur Award for Creative and Effective Institutions.

CNT participated in SmartChicago's smart grid working group during the project planning process because we believe that broadband is critical infrastructure that enables the delivery of services that Chicagoans need.

In fact, the advanced digital infrastructure that the City is proposing to provide will open the door for many Chicagoans to a range of innovative programs and services. In particular this infrastructure can be a critical component of providing information access as part of the deployment of a smart electric grid. That information is essential for residents to make informed decisions about their energy use so that they can reduce their energy consumption and lower their bills.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform our work.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

Kathryn Tholin  
CEO



GADS HILL  
CENTER

Founded 1898

August 10, 2009

**Administration**

1919 W Cullerton Street  
Chicago IL 60608 2697  
Tel 312 226 0963  
Fax 312 226 2248

**Child Development Center**

2653 W Ogden Avenue  
Chicago IL 60608 1647  
Tel 773 521 1196  
Fax 773 521 4793

[www.gadshillcenter.org](http://www.gadshillcenter.org)

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

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Todd A. Miller

José Perales

Stephanie Shapiro Berkson

I am writing to express Gads Hill Center's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

Our organization employs seventy individuals and is active in the nonprofit sector as a family support center established in 1898. Gads Hill Center serves low-income, primarily Latino and African-American families in Chicago's Pilsen, North and South Lawndale, and Back of the Yards neighborhoods who want to make a better life for their children. We provide families with a comprehensive support system, bringing about long-term, positive change to the community. Our offerings encompass learning support and enrichment and out-of-school care for children from birth to age 20.

Gads Hill Center provides children of all ages – from infancy through the teenage years – with asset development, learning support, life skills, leadership skills, sportsmanship, coaching, and out-of-school care. We do it in a safe, supportive, and nurturing environment that allows parents to go to work, confident in the care their children receive.

Gads Hill Center participated in a community planning process in the Pilsen community because we believe that broadband is critical infrastructure that enables the delivery of services that Chicagoans need.

In fact, the advanced digital infrastructure that the City is proposing to provide will open the door for many Chicagoans to a range of innovative programs in which our organization invests, such as: teen connect and club learn.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform our work.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

Barbara Castellán  
Chief Executive Officer  
[bcastellan@gadshillcenter.org](mailto:bcastellan@gadshillcenter.org)



GREATER SOUTHWEST  
DEVELOPMENT CORPORATION

August 10, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express Greater Southwest Development Corporation's (GSDC) enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

Our organization employs 35 individuals and has been active in the community and housing development field since 1974 on the southwest side of Chicago. We work with local businesses, industrial leaders, schools, health organizations and hundreds of community residents each year with housing, employment and financial needs. Our work over the last number of decades has shown us that the overarching digital divide in our neighborhood continues to challenge us. Although there is access to computers within schools and at public libraries in Chicago, most households in our community do not have the technology required to be competitive in today's marketplace.

To that end, GSDC participated in a community planning process in Southwest Chicago community in part, because we believe that broadband represents critical infrastructure that enables the delivery of services that Chicagoans need and in part, because the situation is not improving in Chicago's neighborhoods.

During this past spring and summer over 130 community members, including youth, adults and seniors participated in visioning and planning sessions to share their thoughts and to hear about what others were thinking. In fact, the advanced digital infrastructure that Chicago is proposing to provide will open the door to a range of innovative programs in which our organization invests, such as: internet portals along our business district on 63<sup>rd</sup> Street and a family friendly community computer center.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform our work.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Stites', with a large, stylized flourish at the end.

Donna S. Stites, Chief Operating Officer

GSDC

[d.stites@greatersouthwest.org](mailto:d.stites@greatersouthwest.org)



August 10, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

On behalf of Inner-City Muslim Action Network (IMAN), we wish to express our strong support for the establishment of the Broadband Technology Opportunities Program for SmartChicago.

IMAN is a community-based nonprofit that works for social justice, delivers a range of social services, and cultivates the arts in urban communities. IMAN was incorporated in 1997. IMAN provides the community residents with a free health clinic, a transitional house for ex-offenders, youth programs, and a Career Development department. We offer soft skills training. The soft skills training consists of free computer literacy courses, and workshops pertaining to job readiness and financial management.

As we work with residents from the Chicago lawn area, we see the incredible need for not only computer literacy courses but also access to computers. Despite the fact that there are computers available at schools and libraries, access to these computers is limited, i.e, time restrictions, etc.

We are in full support of the broadband initiative because of the intense need of such a serve, especially taking into account the highly competitive job market. Our residents will need more computer access and knowledge.

We greatly appreciate this new initiative and look forward to assisting in the process as much as possible.

Sincerely,

  
Veronica Zapata  
IMAN Career Development Manager



*In Residency at Dvorak Park 1119 W. Cullerton, 3<sup>rd</sup> Floor  
P.O. Box 08191, Chicago, IL. 60608  
312-226-7767, fax 312-226-7012, info@prosarts.org, www.prosarts.org*

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington DC. 20230

August 10, 2009

Re: Smart Chicago Project

To Whom It May Concern:

I am writing this letter to express our support for the City of Chicago's application for the Broadband Technology Opportunities Program. This application, if approved, will have a tremendous positive impact on our community.

Pros Arts Studio is a community based arts organization committed to youth development. Founded in 1978, we actively work with schools, artists and other community organizations to present arts programs for children and their families. We have presented programs that promote the creative use of technology for the past 10 years. Our goals with technology programs is to provide access as well as training in design industry standard software such as Photoshop and In Design as part of our efforts to provide more life options for youth in our community.

As an organization, we have participated in the community planning process in Pilsen. Within this process it became very clear that broadband access is a critical infrastructure that enables the delivery of services that Chicagoans need especially in traditionally underserved communities like Pilsen. A recent study called "Digital Excellence in Chicago: A City Wide View" co authored by Karen Mossberger, states that only 39% of Spanish speaking Latinos are internet users compared to 79% of English speaking populations. One of the reasons cited was lack of affordable access and lack of familiarity with the use of technology. Approval of the City's BTOP SmartChicago Program will help to directly improve access for our community as part of the overall comprehensive plan being put forth.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

Giselle A. Mercier  
Executive Director  
Pros Arts Studio



THE

*Juan Antonio Corretjer*

# Puerto Rican Cultural Center

www.prcc-chgo.org

2739-41 W. Division Street • Chicago IL 60622 • p: 773/342-8023 f: 773/342-6609

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José E. López  
Executive Director

August 10, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: SmartChicago Project

Dear Sir or Madam:

I am writing to express the Puerto Rican Cultural Center's (PRCC) enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

The PRCC has been involved in building up the Puerto Rican community in the greater Humboldt Park area for over 36 years. We believe that technology plays a key role in the further development of this community to the degree that residents are involved in not merely utilizing the latest tools such as high speed internet but more so in defining how such technology can positively impact their lives and that of their family, friends and neighbors.

The PRCC participated in a community planning process in the Humboldt Park community because we believe that broadband is critical infrastructure that enables the delivery of services that Chicagoans need, particularly in underserved communities like ours.

In fact, the advanced digital infrastructure that the City is proposing to provide will open the door for many Chicagoans to a range of innovative programs in which our organization invests, such as: the development of a mobile media lab as part of our Andres Figueroa Cordero Memorial Library and Community Informatics Center.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could positively impact our work.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

José E. López  
Executive Director

**FOUNDED IN 1973**

# Southwest Organizing Project

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

August 10, 2009

To Whom It May Concern:

I am writing to express the Southwest Organizing Project's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago. The Southwest Organizing Project (SWOP) is a broad-based organization of 26 churches, mosques, schools, and other institutions in Chicago's Southwest side, which enables families to exercise common values, determine their own future and connect with each other to improve life in their neighborhoods. SWOP represents over 30,000 families in the southwest side neighborhoods.

SWOP was one of the lead organizations in a community digital planning process that took place across the Chicago Lawn, Englewood and Auburn Gresham neighborhoods. These three neighborhoods, although adjacent, have experienced significant historical and geographic barriers in the past and the planning process focused on using the digital challenges to build bridges between the diverse communities. Our residents involved in the planning also sought to insure that the effort connects to our more isolated communities, including ex-offenders, immigrants, seniors and our youth.

Building the infrastructure and access to broadband technology and the training resources to use it effectively is critical for our three neighborhoods as we move into the 21<sup>st</sup> century. We believe the advanced digital infrastructure that the City is proposing to provide will open the door for many Chicagoans to a range of innovative programs which our families need, including Family Computing Centers, digital media training for our children within our schools and access for all members of our community to the digital skills needed to survive in tomorrow's world.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform not only our community, but other communities that face the same challenges that we do.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,



Jeff Bartow

Executive Director,  
Southwest Organizing Project

## SWOP

Recognizing the diversity of our community, we are building a broad-based organization of churches, schools and other institutions in Southwest Chicago, which will enable families to exercise common values, determine their own future and connect with each other to improve life in our neighborhoods.



# Teamwork Englewood



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Daniel G. Watts  
Gregory Whitehead  
Henry P. Wilson

August 10<sup>th</sup>, 2009

Broadband Teleology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, room 4812  
Washington, DC 20230

To Whom It May Concern:

I am writing to express Teamwork Englewood support for the City of Chicago's application for Broadband Technology Opportunities Program for Smart Chicago.

Teamwork Englewood employs 7 1/2 individuals and is actively using technology to connect the Auburn- Gresham, Chicago Lawn and the Englewood communities to reduce the physical, social and economic barriers which hamper the development of all three communities. In the same respect we are creating a web portal for the new neighborhood / community website to support our southwest Digital Planning District.

Teamwork Englewood has participated in the community planning process in Auburn-Gresham, Chicago Lawn and Englewood communities because we desire to build digital bridges between all three communities with the use of broadband infrastructures that enable the delivery of service to the Chicagoans whom reside within these three communities.

Teamwork Englewood will seek to advance our current programs with the use of digital infrastructure that the City is proposing to provide will open the doors for many residences within the three communities. Youth programs, Senior citizens whom reside in senior housing and Re entry clients will have access to the Internet to help improve the quality of their life.

Teamwork Englewood supports the City of Chicago's application. Please feel free to call me directly if you any questions. Thank you for your consideration of this application and important project to improve the quality of life for Chicago residences.

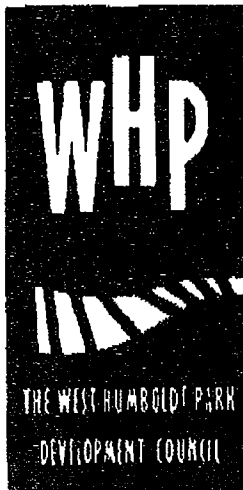
Sincerely,

Rev. Rodney C Walker, M. Div  
Executive Director  
Teamwork Englewood

Executive Director  
W. Rodney C. Walker, MDIV

5 W. 63<sup>rd</sup> Street, 2<sup>nd</sup> Floor  
Chicago, Illinois 60621  
Phone: (773) 602-4507

" Coming together is a beginning. Keeping together is Progress. Working together is

**A CATALYST FOR FAMILY AND COMMUNITY DEVELOPMENT— SINCE 1992**

August 10, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

To Whom It May Concern:

As Executive Director of the West Humboldt Park Family and Community Development Council (the Council), I am writing to express my unqualified support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

Though our paid staff is small, numbering 4 full-time persons plus one part-timer, our network consisting of dozens of partners and supporters is very large. Our network is active in community and economic development in the City's Westside neighborhood of West Humboldt Park. We work with area block clubs, local businesses, and we construct area affordable homes and related social networks.

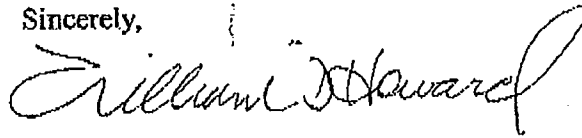
The Council participated in a community planning process in the larger community of Humboldt Park because of our strong belief that broadband is a critical infrastructure that enables the delivery of services that both residents and businesses in Humboldt Park need.

The digital infrastructure proposal being presented by the City is particularly important for projects currently, and prospectively, targeted on the community of West Humboldt Park. Examples include the Spoken Word and the Young Writers Projects being started at the newly opened YMCA of West Humboldt Park. Another is the neighborhood library currently under construction and slated to open next year.

The Council applauds the federal government's leadership in confronting this critical issue and we believe that Smart Chicago will transform our work and the work of our partners. That is why it is of utmost importance that the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago be funded and implemented.

The West Humboldt Park Family & Community Development Council – together with its network – fully supports the City's application. Please contact me if I can be of assistance in supporting this application.

Sincerely,

A handwritten signature in cursive script that reads "William D Howard". The signature is written in dark ink and is positioned above the typed name.

William D Howard  
Executive Director



WORLD  
BUSINESS  
CHICAGO

RICHARD M. DALEY, CHAIRMAN  
RITA R. ATHAS, EXECUTIVE DIRECTOR

August 7, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
14Q1 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express our company's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program funding for SmartChicago.

We are a non-profit 501c(3) focusing on business expansion and retention in Chicago. We strongly believe that SmartChicago will offer new opportunities to grow businesses and create new jobs at a time of economic distress.

The availability of broadband in Chicago is critically important to our efforts. Currently, it presents a constant challenge to encourage new high-tech uses in existing communities throughout Chicago where broadband penetration is either minimal or non-existent.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could dramatically shift our nation's ability to attract new businesses and jobs to our urban cores.

SmartChicago presents a significant opportunity to strengthen Chicago's economic competitiveness through providing affordable advanced broadband services to the city's businesses, both large and small.

Thank you for your consideration of this important project.

Sincerely,

Rita Athas  
Executive Director  
World Business Chicago  
d: (312) 553-2251

Cc: Hardik Bhatt – Chief Information Officer, City of Chicago

[www.worldbusinesschicago.com](http://www.worldbusinesschicago.com)



**World Business Chicago Board of Directors  
August 13, 2009**

**RESOLUTION  
SUPPORTING THE SMARTCHICAGO BROADBAND EXPANSION PROJECT**

**WHEREAS**, the Chicago region has long differentiated itself by the quality of its infrastructure; and

**WHEREAS**, broadband is critical infrastructure for the movement of ideas in the 21<sup>st</sup> century knowledge economy; and

**WHEREAS**, the SmartChicago project proposed by the City and its partners will provide globally competitive broadband services to Chicago businesses of all sizes; and

**WHEREAS**, SmartChicago will serve as a platform for new business models and innovative technologies in education, healthcare and energy; and

**WHEREAS**, SmartChicago will contribute to the resiliency and competitiveness of Chicago's financial services and banking industries; and

**WHEREAS**, SmartChicago will allow third-party telecommunications companies to deploy more cost effective and robust services,

**NOW, THEREFORE, BE IT RESOLVED** that World Business Chicago enthusiastically supports the SmartChicago project and will assist wherever possible; and

**BE IT FURTHER RESOLVED** that the United States Department of Commerce Broadband Technology Opportunities Program should select SmartChicago for funding as a national model for public/private partnership; and

**BE IT FURTHER RESOLVED** that local public, private and non-profit entities should continue to invest in sustaining SmartChicago should it receive federal funding.

Rita R. Athas  
Executive Director

**Resolution Unanimously Approved by the World Business Chicago Board  
Members in Attendance, August 13, 2009**

Chairman  
Richard M. Daley  
Mayor  
City of Chicago

Co-Chairman  
Michael D. O'Halleran  
SEVP & Director  
Aon Corporation

James Bell  
Executive Vice President & Chief  
Financial Officer  
The Boeing Company

Mellody Hobson  
President  
Ariel Capital Management/  
Ariel Mutual Funds

Debra A. Cafaro  
Chairman, President & Chief Executive  
Officer  
Ventas, Inc.

Paul A. Laudicina  
Managing Officer & Chairman of the  
Board  
A.T. Kearney

William M. Daley  
Chairman, Midwest Region  
J.P. Morgan Chase

Thomas F. Motamed  
Chairman & Chief Executive Officer  
CNA

Craig J. Duchossois  
Chief Executive Officer  
Duchossois Industries Inc.

John E. Rooney  
President & Chief Executive Officer  
U.S. Cellular Corporation

Glenn Tilton  
Chairman, President & Chief Executive  
Officer  
UAL Corporation

Edward Snyder  
Dean and Professor of Economics  
University of Chicago Booth School  
of Business

Terrence A. Duffy  
Executive Chairman  
CME Group

Daniel M. Hamburger  
President & Chief Executive Officer  
DeVry Inc.

Peter Lawson (Alternate)  
Executive Vice President and General  
Counsel  
Motorola, Inc

Fidel Marquez (Alternate)  
Senior Vice President, Customer  
Operations  
Exelon Corporation

*World Business Chicago is a not-for-profit economic development organization promoting metropolitan Chicago. WBC markets Chicago's competitive advantages, coordinates business retention and attraction efforts, and seeks to enhance Chicago's business-friendly environment.*

*WBC's Board of C-level corporate executives is chaired by Chicago Mayor Richard M. Daley.*



**Norman D. Peterson**  
Assistant to the Director

**Office of the Director**  
Argonne National Laboratory  
9700 South Cass Avenue, Bldg. 201  
Argonne, IL 60439-4832

1-630-252-7229 phone  
1-630-252-7923 fax  
1-630-319-5334 mobile  
npeterson@anl.gov

August 19, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

**Re: SmartChicago Project**

To Whom It May Concern:

I am writing to express Argonne National Laboratory's support for the City of Chicago's application for Broadband Technology Opportunities Program funding for the SmartChicago project.

At the start of the 21<sup>st</sup> century, broadband is critical infrastructure for allowing the city to deliver the services that Chicagoans need. Unfortunately, at many of Chicago's locations broadband services are either unavailable or of insufficient speeds and reliability to meet the city's needs. The advanced digital infrastructure that the city is proposing to provide would meet current needs and open the door to a range of innovative programs.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

A handwritten signature in black ink that reads "Norman D. Peterson". The signature is written in a cursive, flowing style.

Norman D. Peterson  
Assistant to the Director



August 18, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

**BOARD OF DIRECTORS**

Charles Benton  
Chairman & CEO

Adrienne Benton Furniss  
Secretary

Michael Smith  
Treasurer

Henry Rivera  
General Counsel

Craig Benton  
Elizabeth Daley  
Robert Furniss  
Terry Goddard  
Lee Lynch  
Henry Rivera

**TRUSTEES**

Charles Benton  
Adrienne Benton Furniss  
Leonard Schragger

The Benton Foundation supports with enthusiasm the City of Chicago's application to the Broadband Technology Opportunities Program for SmartChicago.

Founded in 1981 with an endowment gift of \$8,000,000 from the Encyclopedia Britannica, Benton works to ensure that media and telecommunications serve the public interest and enhance our democracy. We pursue this mission by seeking policy solutions that support the values of access, diversity and equity, and by demonstrating the value of media and telecommunications to improve the quality of life for all Americans.

In recent years Benton's policy focus has been centered on broadband with major reports in December 2007, "Universal Affordable Broadband for All Americas," and December 2008, "An Action Plan for America: Using Technology and Innovation to Address our Nation's Critical Challenges – A Report for the Next Administration." In mid-2007 we initiated a "Community Media Summit" here in Chicago, during which the report from the Mayor's Advisory Council on Closing the Digital Divide was released, entitled "The City That Networks: Transforming Society and Economy through Digital Excellence."

Since "The City That Networks" report was released, we have followed closely the planning process led by the City of Chicago in collaboration with the MacArthur Foundation and others. This led to the identification of several neighborhood pilot projects to serve as models for "digital excellence," of which two have been selected as "Smart Communities" demonstration projects with in-depth grassroots, organizational, and local business involvement. The potential BTOP funding will make it possible to take these pilot projects to scale, including more than 10,000 homes.

We've also worked closely with the Chicago Public Library on its innovative "CyberNavigators" program in 42 of its 89 branches. The University of Illinois

The Commonwealth Building  
1625 K Street, N.W., 11<sup>th</sup> FL  
Washington, DC 20006  
202-638-5770  
202-638-5771 Fax  
www.benton.org

One Rotary Center  
1560 Sherman Avenue  
Suite 440  
Evanston, IL 60201  
847-328-3040  
847-328-3046 Fax



is conducting in-depth research on this pilot program in order to help determine how best to build on the successful experience thus far and with the help of BTOP funding, institutionalize all of the branch libraries in becoming community technology "Smart Hubs" for all neighborhoods in Chicago.

Finally, the City's "Open Network" proposal is built on years of experience, and in some cases disappointments, as with CivicNet in the late 1990's, to apply lessons learned from that tough experience in a much richer media environment 10 years later, where access to broadband has become a necessity for community development, not simply "value added." The City's vision for serving unserved and underserved communities within Chicago with broadband technology made possible through BTOP could serve as a model to inspire the use of technology for meeting basic community needs in other urban areas throughout the country.

In essence, Chicago has the leadership, imagination, and will to become an urban center of digital excellence for all its residents, if BTOP resources can be made available to help achieve that goal.

Sincerely,

A handwritten signature in black ink that reads "Charles Benton". The signature is written in a cursive, flowing style with a long horizontal stroke at the end.

Charles Benton  
Chairman  
Benton Foundation



Chicago Council on Science and Technology

Board Members

August 10, 2009

Broadband Technology Opportunities Program
National Telecommunications and Information Administration
United States Department of Commerce
1401 Constitution Ave, NW
HCHB, Room 4812
Washington, DC 20230

Re: SmartChicago Project

To Whom It May Concern:

I am writing to express our organization's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program funding for SmartChicago.

Our organization - The Chicago Council on Science and Technology (C2ST) mission is to be the preeminent regional consortium for science and technology-related education and policy issues and a prominent voice nationally. C2ST is composed of community and government officials, corporate leaders, national laboratory directors, and university vice presidents for research. C2ST hosts a regular series of public discussions, lectures, and roundtables involving leaders on science and technology related issues.

Our organization believes that SmartChicago offers new opportunities to grow business, create new jobs and is critically important to our business in connecting with our constituents.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago - if funded and replicated - could greatly benefit our stakeholders industries.

Beyond immediate opportunities we strongly support the opportunity for SmartChicago to strengthen Chicago's economic competitiveness through providing affordable advanced broadband services to the city's businesses, large and small. Thank you for your consideration of this important project.

Sincerely,

Dr. Alan Schriesheim, President - Chicago Council on Science and Technology (C2ST)
Director Emeritus, Argonne National Laboratory
312-503-0891 office
www.c2st.org

- John Anderson
Illinois Institute of Technology
Ted Beattie
Shedd Aquarium
Susan O. Brauer
DeVry University
Larry Danziger
University of Illinois at Chicago
Helmut Epp
DePaul University
Lance Grande
Field Museum of Natural History
Mary Hendrix
Children's Memorial Research Center
Eric Isaacs
Argonne National Laboratory
Ravi Iyar
University of Illinois at Urbana-Champaign
Sadhu Johnston
City of Chicago
Richard H. Kennedy
Loyola University Medical Center
Paul Knappenberger, Board Chair
Adler Planetarium
Bob Kriss
Mayer, Brown LLP
Leon Lederman
Nobel Laureate
Don Levy
University of Chicago
Jack Leonard
Gas Technology Institute
Gudelia Lopez
Chicago Community Trust
Jon Miller
Michigan State University
David Mosena
Museum of Science and Industry
Greg Mueller
Chicago Botanic Gardens
Pier Oddone
Fermi National Accelerator Lab
Norbert G. Riedel
Baxter International, Inc.
Alan Schriesheim, President
C2ST
Arch Shaw
Arch Investors Ltd.
Katie Stallcup
Chicago Biomedical Consortium
Kay Torshen
Torshen Capital Management, LLC
Jay Walsh
Northwestern University



August 18, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express the Chicagoland Chamber of Commerce's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

Our organization represents approximately 2,600 businesses which employ over 1 million workers representing a wide array of industry sectors. The Chicagoland Chamber of Commerce participated in SmartChicago's project planning process because we believe that broadband is a critical piece of the infrastructure needed for our region's businesses and entrepreneurs to compete in the global marketplace.

In fact, the Chamber believes the advanced digital infrastructure contemplated by the City's proposal is integral to our ability to meet our stated goal to transform our tri-state region (Illinois, Wisconsin and Indiana) into a global center of innovation, entrepreneurship and creativity, through our InnovateNow initiative. InnovateNow is a joint initiative of the Chicagoland Chamber of Commerce, World Business Chicago and the Illinois Department of Commerce and Economic Opportunity to drive economic growth by promoting business innovation in key sectors of the economy.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform our region's economy and serve as a model for other regions.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

A handwritten signature in black ink that reads 'Lance Pressl'.

Lance Pressl, Ph.D.  
President  
Chicagoland Chamber of Commerce Foundation



August 7, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express our company's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program funding for SmartChicago.

The Chicagoland Entrepreneurial Center (CEC) employs 10 individuals and is active in assisting entrepreneurs throughout the Chicago area. Since 2003, entrepreneurs we have worked with have retained and created over 4,500 jobs. We believe that SmartChicago offers new opportunities to grow our business and create new jobs at a time of economic distress.

The current availability of broadband in Chicago is critically important to entrepreneurs and small business owners who create over two thirds of all new jobs. Many small businesses still lack access to high speed broadband in certain communities in Chicago and thus have a disadvantage in starting and operating their businesses.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform access to the digital infrastructure that has become so important to the growth of entrepreneurs and small businesses.

Beyond immediate opportunities for our company or industry, we are also excited by the opportunity for SmartChicago to strengthen Chicago's economic competitiveness through providing affordable advanced broadband services to the city's businesses, large and small.

Thank you for your consideration of this important project.

Sincerely,

A handwritten signature in black ink, appearing to read "D Weinstein".

David Weinstein  
President  
Chicagoland Entrepreneurial Center

200 E. Randolph St., Suite 2200 | Chicago, IL 60601-6436 | P 312.494.6777 | F 312.861.0635



# CHICAGO WORKFORCE INVESTMENT COUNCIL

August 17, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express the Chicago Workforce Investment Council's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program for SmartChicago.

Our organization employs ten individuals and is active in the healthcare, manufacturing, hospitality, transportation, distribution and logistics, information technology, and financial services sectors.

The Chicago Workforce Investment Council participated in SmartChicago's project planning process because we believe that broadband is critical infrastructure that enables the delivery of services that Chicagoans need.

In fact, the advanced digital infrastructure that the City is proposing to provide will open the door for many Chicagoans to a range of innovative programs in which our organization invests, such as: providing additional access for Chicago residents to search and apply for jobs electronically; use the statewide career path and job posting site Illinois workkNet; give Chicago and regional employers the opportunity to list job openings and recruit potential employees; and give Chicago residents access to a vast array of training, skill building and job preparation programs.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could transform our work.

Please feel free to contact me with any questions. Thank you for your consideration of this important project.

Sincerely,

Joanna Greene  
Vice President of Finance and Operations  
Chicago Workforce Investment Council

Theatre District Business Center  
60 W. Randolph, Suite 200  
Chicago, IL 60601

August 7, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

**Re: SmartChicago Project**

To Whom It May Concern:

I am writing to express our company's enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program funding for SmartChicago.

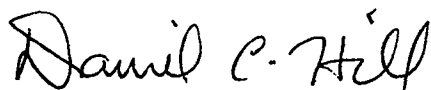
Exelon and ComEd are participants in Chicago's vibrant business community. The current availability of broadband in Chicago is critically important to our business. Internet access helps us engage with our customers and better serve them, yet the lack of affordable internet service in Chicago means many of our customers don't have that option.

We applaud the federal government's leadership in confronting this critical issue and we believe that SmartChicago – if funded and replicated – could provide further means to share detailed usage and billing information with our customers when Smart Grid and Automated Metering Infrastructure are rolled out.

Beyond immediate opportunities for our company or industry, we are also excited by the opportunity for SmartChicago to strengthen Chicago's economic competitiveness through providing affordable advanced broadband services to the city's businesses, large and small.

Thank you for your consideration of this important project.

Sincerely,



Daniel C. Hill  
Senior Vice President and Chief Information Officer  
Exelon



200 East Randolph, Suite 2200  
Chicago, IL 60601  
T 312 494 6747  
F 312 861 0660  
[istcoalition.org](http://istcoalition.org)

August 7, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express the Illinois Science & Technology Coalition's support for the City of Chicago's application for Broadband Technology Opportunities Program funding for "SmartChicago."

Improved broadband capacity is critically important to the economic future of Chicago, and the surrounding region. From workforce training to small business development to global trade, access to broadband services is an essential ingredient to community and economic success. In addition, SmartChicago's plan to address the digital divide by connecting underserved and unserved communities with broadband services is the right formula for engaging all Americans in the opportunities of the digital age.

The Illinois Science & Technology Coalition cultivates economic development in Illinois by increasing resources for Research & Development initiatives at Illinois-based institutions and businesses and is active in the industries of advanced manufacturing, agriculture, energy, information technology, life sciences, and supercomputing.

Thank you for your consideration of this important project. We believe that SmartChicago offers new opportunities to grow business and create new jobs at a time of economic distress.

Sincerely,

A handwritten signature in black ink that reads "Matthew Summy".

Matthew Summy  
President & CEO  
Illinois Science & Technology Coalition  
[msummy@ISTCoalition.org](mailto:msummy@ISTCoalition.org)  
312.494.6747



August 10, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

The Illinois Technology Association (ITA) offers its enthusiastic support for the City of Chicago's application for Broadband Technology Opportunities Program funding for SmartChicago.

With more than 550 member companies, the ITA represents the voice of many in the Illinois technology industry. We believe the SmartChicago program will increase economic opportunities in our sector and create new jobs in the region.

The current availability of broadband in Chicago is critically important to business and we applaud the federal government's leadership in confronting this critical issue. We believe that SmartChicago – if funded and replicated – could have a transformative affect on Chicago business.

Beyond immediate opportunities for our industry, we are also excited by the opportunity for SmartChicago to strengthen Chicago's economic competitiveness through providing affordable advanced broadband services to the city's businesses, large and small.

Thank you for your consideration of this important project.

Sincerely,

A handwritten signature in black ink, appearing to read "Fred Hoch".

Fred Hoch, President  
Illinois Technology Association (ITA)





Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: SmartChicago Project

To Whom It May Concern:

I am forwarding this letter to endorse Chicago's SmartChicago project, a comprehensive initiative that addresses many key broadband requirements. Open Network will provide for critically required core assets by extending the City's existing fiber using innovative deployment techniques and by undertaking this deployment in coordination with other infrastructure projects. Smart Hubs will provide advanced broadband services to over 500 community anchor institutions, including schools, libraries, senior centers, community colleges, parks and community health centers. Smart Communities will provide broadband access to areas that currently have little or no access to broadband. The project will also enable the City to interconnect to multiple advanced research and education networks, regionally, nationally, and internationally.

This important initiative will provide a foundation for multiple advanced high performance communication services, enabling a wide range of new applications related to education, health care, crisis response, community development, public safety, and economic development.

We look forward to working with the City as it undertakes this especially important initiative.

Joe Mambretti, Director, International Center for Advanced Internet Research, Northwestern University, Director Metropolitan Research and Education Network (MREN)

August 5, 2009

Broadband Technology Opportunities Program  
National Telecommunications and Information Administration  
United States Department of Commerce  
1401 Constitution Avenue, NW  
HCHB, Room 4812  
Washington, DC 20230

Re: **SmartChicago Project**

To Whom It May Concern:

I am writing to express our organization's strong support for the City of Chicago's application for Broadband Technology Opportunities Program funding for SmartChicago.

TechAmerica is the largest technology trade association in the country. Our member companies employ three million individuals, including more than 45,000 workers in the state of Illinois. We believe that SmartChicago offers new opportunities to grow our industry and create new jobs at a time of economic distress.

The current availability of broadband in Chicago is critically important to our industry. Providing this access and funding will strengthen our public safety networks, provide expanded resources to the business community, and offer the necessary tools for our schools and the future leaders of our industry and country.

We applaud the federal government's leadership in confronting this important issue and we believe that SmartChicago – if funded and replicated – could truly transform our industry.

Thank you for your consideration of this important project.

Sincerely,



Ed Longanecker  
Executive Director  
TechAmerica Midwest

**Cancino, Jannet L.**

---

**From:** Emy Tseng [Etseng@ntia.doc.gov]  
**Sent:** Thursday, March 11, 2010 12:58 PM  
**To:** Robinson, Percy; Brigham, Joyce F.  
**Cc:** Cesario, Laura A.; Cancino, Jannet L.; William Maguire; Wayne Ritchie  
**Subject:** Easy Grants ID 2166: Request to change applicant organization name to "City of Chicago"

I recommend that the name of the applicant organization for 2166 be changed from "SmartChicago" to "City of Chicago". We determined during due diligence, the applicant mistakenly entered the project name as the applicant organization.

I, as the Federal Program Officer, along with BAH staff conducted full vetting and due diligence on the entity "City of Chicago" including program, budget and financial analysis, DUNS credit check and audit findings.

Please let me know if you need any further information.

Best,

Emy Tseng  
Program Officer, Broadband Technology Opportunities Program (BTOP)  
National Telecommunications and Information Administration (NTIA)  
Department of Commerce  
[etseng@ntia.doc.gov](mailto:etseng@ntia.doc.gov)  
(202) 482-5978

---

**From:** Bhatt, Hardik [mailto:hardik.bhatt@cityofchicago.org]  
**Sent:** Thursday, March 11, 2010 12:43 PM  
**To:** Emy Tseng  
**Cc:** Guilford, Matthew  
**Subject:** Re: Correction request to Easy Grants ID 2166

Dear Emy,  
I am writing to request a correction to our Sustainable Broadband Adoption proposal Easy Grants ID 2166. The legal name of the applicant organization was incorrectly listed as "SmartChicago Sustainable Broadband Adoption." The applicant organization should instead be "City of Chicago."

Thank you.

Hardik Bhatt  
Chief Information Officer  
City of Chicago

---

**From:** Bhatt, Hardik  
**To:** Emy Tseng <Etseng@ntia.doc.gov>  
**Cc:** Guilford, Matthew  
**Sent:** Thu Mar 11 11:11:39 2010  
**Subject:** Correction

Dear Emy,

I am writing to request a correction to our Sustainable Broadband Adoption proposal. The legal name of the applicant was incorrectly listed as "SmartChicago Sustainable Broadband Adoption." It should instead be "City of Chicago."

Feel free to contact me with any questions.

Hardik

Hardik Bhatt  
Chief Information Officer  
Innovation & Technology  
City of Chicago  
50 W Washington St, #2700,  
Chicago IL 60646  
(312) 742 0667

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**CCR/FedReg Detail Search Results**

Not to be used as certifications and representations. See [ORCA](#) for official certification.

**Current Registration Status:** Active in CCR; Registration valid until 07/02/2010.

**DUNS:** 140652640

**DUNS PLUS4:**

**CAGE/NCAGE:** 5K8H5

**Legal Business Name:** CHICAGO, CITY OF

**Doing Business As (DBA):** CITY OF CHICAGO DEPARTMENT OF

**Division Name:** DEPARTMENT OF INNOVATION AND TECHNOLOGY

**Division Number:**

**Company URL:** <http://www.cityofchicago.org>

**Physical Street Address 1:** 50 WEST WASHINGTON STE 2700

**Physical Street Address 2:**

**Physical City:** CHICAGO

**Physical State:** IL

**Physical Foreign Province:**

**Physical Zip/Postal Code:** 60602-7300

**Physical Country:** USA

**Mailing Name:** 50 W. WASHINGTON

**Mailing Street Address 1:** STE 2700

**Mailing Street Address 2:**

**Mailing City:** CHICAGO

**Mailing State:** IL

**Mailing Foreign Province:**

**Mailing Zip/Postal Code:** 60602-1202

**Mailing Country:** USA

**Business Start Date:** 03/01/1987

**Delinquent Federal Debt:** No

**CORPORATE INFORMATION****Type of Organization**

U.S. Government Entity

**Business Types/Grants**

12 - U.S. Local Government

C8 - City

V2 - Grants

**DISASTER RESPONSE INFORMATION**

**Bonding Levels**

- Construction Bonding Level,  
Per Contract (dollars):**
- Construction Bonding Level,  
Aggregate (dollars):**
- Service Bonding Level, Per  
Contract (dollars):**
- Service Bonding Level,  
Aggregate (dollars):**

**Geographic Areas Served**

No geographic areas specified

**GOODS / SERVICES**

**North American Industry Classification System (NAICS)**

- 518210 - Data Processing, Hosting, and Related Services
- 541511 - Custom Computer Programming Services
- 541512 - Computer Systems Design Services
- 541513 - Computer Facilities Management Services

**Standard Industrial Classification (SIC)**

9199 - GENERAL GOVERNMENT, NEC

**Product Service Codes (PSC)**

---

**Federal Supply Classification (FSC)**

---

**SMALL BUSINESS TYPES**

SDB, 8A and HubZone certifications come from the Small Business Administration and are not editable by CCR vendors.

**Business Types Expiration Date**

---

**North American Industry Classification System (NAICS)**

The small business size status is derived from the receipts, number of employees, assets, barrels of oil, and/or megawatt hours entered by the vendor during the registration process.

<b>NAICS Code</b>	<b>Description</b>	<b>Small Business</b>	<b>Emerging Small Business</b>
518210	Data Processing, Hosting, and Related Services	No	No
541511	Custom Computer Programming Services	No	No
541512	Computer Systems Design Services	No	No
541513	Computer Facilities Management Services	No	No

**CCR POINTS OF CONTACT**

**Government Business Primary POC**

**Government Business Alternate POC**

**Name:** DERRICK BROWNLEE**Address Line 1:** 50 W. WASHINGTON**Address Line 2:** STE 2700**City:** CHICAGO**State:** IL**Foreign Province:****Zip/Postal Code:** 60602-1202**Country:** USA**U.S. Phone:** 312-744-8129**Non-U.S. Phone:****Fax:** 312-744-2618**Name:** LATOYA VAUGHN**Address Line 1:** 121 N. LASALLE**Address Line 2:** ROOM 604**City:** CHICAGO**State:** IL**Foreign Province:****Zip/Postal Code:** 60602-1202**Country:** USA**U.S. Phone:** 312-744-9564**Non-U.S. Phone:****Fax:** 312-744-3618**Past Performance Primary POC****Name:****Address Line 1:****Address Line 2:****City:****State:****Foreign Province:****Zip/Postal Code:****Country:****U.S. Phone:****Non-U.S. Phone:****Fax:****Past Performance Alternate POC****Name:****Address Line 1:****Address Line 2:****City:****State:****Foreign Province:****Zip/Postal Code:****Country:****U.S. Phone:****Non-U.S. Phone:****Fax:****Electronic Business Primary POC****Name:** DERRICK BROWNLEE**Address Line 1:** 50 W. WASHINGTON**Address Line 2:** STE 2700**City:** CHICAGO**State:** IL**Foreign Province:****Zip/Postal Code:** 60602-1202**Country:** USA**U.S. Phone:** 312-744-8129**Non-U.S. Phone:****Fax:** 312-744-3618**Electronic Business Alternate POC****Name:** LATOYA VAUGHN**Address Line 1:** 121 N. LASALLE**Address Line 2:** RM 604**City:** CHICAGO**State:** IL**Foreign Province:****Zip/Postal Code:** 60602-1202**Country:** USA**U.S. Phone:** 312-744-9564**Non-U.S. Phone:****Fax:** 312-744-3618

**BUDGET INFORMATION - Non-Construction Programs**

OMB Approval No. 0348-0044

**SECTION A - BUDGET SUMMARY**

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		Total (g)
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	
1. Broadband Technology	11.557	\$	\$	\$ 7,074,369.00	\$ 1,769,066.00	\$ 8,843,435.00
2.						0.00
3.						0.00
4.						0.00
5. Totals		\$	\$	\$ 7,074,369.00	\$ 1,769,066.00	\$ 8,843,435.00

**SECTION B - BUDGET CATEGORIES**

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY					Total (5)
	(1)	(2)	(3)	(4)	(5)	
a. Personnel	\$	\$ 92,396.00	\$	\$	\$	\$ 92,396.00
b. Fringe Benefits		30,665.00				30,665.00
c. Travel		0.00				0.00
d. Equipment		0.00				0.00
e. Supplies		0.00				0.00
f. Contractual		0.00				0.00
g. Construction		0.00				0.00
h. Other		7,074,369.00				8,720,374.00
i. Total Direct Charges (sum of 6a-6h)		7,074,369.00				8,843,435.00
j. Indirect Charges		0.00				0.00
k. TOTALS (sum of 6i and 6j)	\$	7,074,369.00	\$	1,769,066.00	\$	8,843,435.00
7. Program Income	\$	0.00	\$	0.00	\$	0.00

**Authorized for Local Reproduction**



**SECTION C - NON-FEDERAL RESOURCES**

	(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8.	Application Matching Funds	\$ 123,061.00	\$ 23,125.00	\$ 1,622,880.00	\$ 1,769,066.00
9.					0.00
10.					0.00
11.					0.00
12.	TOTAL (sum of lines 8-11)	\$ 123,061.00	\$ 23,125.00	\$ 1,622,880.00	\$ 1,769,066.00

**SECTION D - FORECASTED CASH NEEDS**

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13.	Federal \$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
14.	Non-Federal 0.00				
15.	TOTAL (sum of lines 13 and 14)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

**SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT**

	(a) Grant Program	FUTURE FUNDING PERIODS (Years)			
		(b) First	(c) Second	(d) Third	(e) Fourth
16.	Application Matching Funds	\$	\$	\$	\$
17.					
18.					
19.					
20.	TOTAL (sum of lines 16-19)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

**SECTION F - OTHER BUDGET INFORMATION**

21. Direct Charges:	22. Indirect Charges:
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23. Remarks:

**ASSURANCES – NON-CONSTRUCTION PROGRAMS**

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

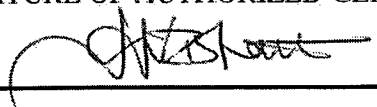
**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET.  
SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.</li> <li>2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.</li> <li>3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.</li> <li>4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.</li> <li>5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).</li> <li>6. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. 6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970</li> </ol> | <p>(P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. 3601 et seq.), as amended relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.</p> <ol style="list-style-type: none"> <li>7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.</li> <li>8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.</li> <li>9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.</li> <li>10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.</li> </ol> |
|---|--|

<p>11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).</p> <p>12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.</p> <p>13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).</p> <p>14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.</p> <p>15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.</p>	<p>16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.</p> <p>17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."</p> <p>18. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. 4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.</p> <p>19. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.</p>
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SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE Chief Information Officer
APPLICANT ORGANIZATION City of Chicago	DATE SUBMITTED 8/19/09

Certification Requirements for BTOP

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U.S. Department of Commerce  
Broadband Technology Opportunities Program

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I certify that I am the duly Authorized Representative of the applicant organization, and that I have been authorized to submit the attached application on its behalf. A copy of the applicant organization's authorization for me to submit this application as its official representative is on file in the applicant's office. By signing this certification, I certify that the statements contained in the application are true, complete, and accurate to the best of my knowledge, and that if an award is made, the applicant organization will comply with all applicable award terms and conditions.

8/19/09

(Date)



(Authorized Representative's Signature)

HARDIK V. BHATT

Name:

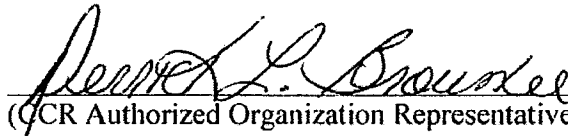
CIO

Title:

I am identified as the applicant organization's Authorized Organization Representative (AOR) in the Central Contractor Registration database.

August 19, 2009

(Date)



(CCR Authorized Organization Representative's Signature)

DERRICK L. BROWNLEE

Name:

Deputy CIO

Title:

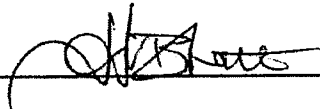
## Certifications and Signature

(i) I certify that I am authorized to submit this grant application on behalf of the eligible entity(ies) listed on this application, that I have examined this application, that all of the information and responses in this application, including certifications, and forms submitted, all of which are part of this grant application, are material representations of fact and true and correct to the best of my knowledge, that the entity(ies) that is requesting grant funding pursuant to this application and any subgrantees and subcontractors will comply with the terms, conditions, purposes, and federal requirements of the grant program; that no kickbacks were paid to anyone; and that a false, fictitious, or fraudulent statements or **claims** on this application are grounds for denial or termination of a grant award, and/or possible punishment by a fine or imprisonment as provided in 18 U.S.C. § 1001 and civil violations of the False Claims Act.

(ii) I certify that the entity(ies) I represent have and will comply with all applicable federal, state, and local laws, rules, regulations, ordinances, codes, orders and programmatic rules and requirements relating to the project. I acknowledge that failure to do so may result in rejection or deobligation of the grant or loan award. I acknowledge that failure to comply with all federal and program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities.

(iii) I certify that the entity(ies) I represent has and will comply with all applicable administrative and federal statutory, regulatory, and policy requirements set forth in the Department of Commerce Pre-Award Notification Requirements for Grants and Cooperative Agreements ("DOC Pre-Award Notification"), published in the Federal Register on February 11, 2008 (73 FR 7696), as amended; DOC Financial Assistance Standard Terms and Conditions (Mar. 8, 2009), the Department of Commerce American Recovery and Reinvestment Act Award Terms (Apr. 9, 2009); and any Special Award Terms and Conditions that are included by the Grants Officer in the award.

(iv) If requesting BTOP funding, I certify that the entity(ies) I represent has secured access to pay the 20% of total project cost or has petitioned the Assistant Secretary of NTIA for a waiver of the matching requirement or received a waiver.

Signature of authorized person  Date 8/19/09

Print name of authorized person Hardik V. Bhatt

Title or position Chief Information Officer

**CERTIFICATION REGARDING LOBBYING**

Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 28, "New Restrictions on Lobbying." The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of Commerce determines to award the covered transaction, grant, or cooperative agreement.

**LOBBYING**

As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into.

Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

**Statement for Loan Guarantees and Loan Insurance**

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

**As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification.**

NAME OF APPLICANT AWARD NUMBER AND/OR PROJECT NAME

City of Chicago SmartChicago Sustainable Broadband Adoption

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Hardik V. Bhatt *Chief Information Officer*

SIGNATURE 

DATE *8/19/09*

## MEMORANDUM

To: BTOP Program Staff  
National Telecommunications & Information Administration  
Department of Commerce

From: Name of AOR Hardik V. Bhatt  
Chief Information Officer  
Legal Name of Applicant SmartChicago  
Sustainable Broadband Adoption  
(City of Chicago)  
EasyGrants ID 2166

Memo Date: 02/22/10

Re: Revised Response to Questions Included on BTOP Application  
Originally Submitted on 08/19/09

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This memorandum documents our formal submission of a revised response to Question 5 of our organization's BTOP application (EasyGrants ID 2166), as follows:

### 5. ESTIMATED FUNDING (\$)

Federal	\$7,074,369
Applicant	\$123,061
State	\$23,125
Local	(Local government is Applicant)
Other	\$1,622,880
Program Income	\$0
 TOTAL	 \$8,843,435

This memorandum documents our formal submission of a revised response to Question 46, of our organization's BTOP application (EasyGrants ID 2166), as follows:

#### 46. Budget Narrative

The overall cost of the project is \$8,843,435 including \$7,074,369 in requested BTOP funds and \$1,769,066 (20%) match. Direct costs include Personnel (Federal: \$0. Match: \$92,396), Fringe Benefits (Federal: \$0. Match: \$30,665) and Other (Federal: \$7,074,369. Match: \$1,646,005). See detailed budget for more details.

The SmartChicago Sustainable Broadband Adoption Campaign has a total budget of \$8.84 million to support its core activities including startup and management; organizing, marketing and training; and broadband adoption programs. The total project budget includes a \$7.07 million federal request and a total match of \$1.76 million, which is 20 percent of the total budget and is comprised of \$1.70 in cash match and \$0.60 in-kind match.

##### PERSONNEL

\$92,396

Personnel costs support 2 existing City FTEs. Calculations as based on current salaries and assume that 25% of each positions' time will be spent on program management duties with no federal request in this category. \$82,981 are cash match from the Applicant and \$9,415 are in-kind match from the Applicant.

##### FRINGE BENEFITS

\$30,665

Fringe benefits were calculated at 33% of base salaries noted in personnel expenses with no federal request in this category. \$27,558 are cash match from the Applicant and \$3,107 are in-kind match from the Applicant.

##### TRAVEL

\$0

The Applicant is not charging any travel costs to the program.

##### EQUIPMENT

\$0

No Applicant equipment will be purchased through this program. All end user equipment will be purchased by sub-recipients.

##### SUPPLIES

\$0

The Applicant is not charging any travel costs to the program.

##### CONTRACTUAL

\$0

No contracts will be procured by the Applicant for this program.



CONSTRUCTION

\$0

This project does not include any construction costs.

OTHER

\$8,720,374

All sub-recipient costs are accounted for in this category. The Federal request for this category is \$7,074,369 with matching contributions of \$1,646,005. The matching funds include \$669,517 (cash) and \$42,363 (in-kind) from LISC/Chicago, \$905,000 (cash) from the MacArthur Foundation, \$6,000 (in-kind) from the Chicago Community Trust, and \$23,125 (cash) from the State of Illinois Department of Commerce and Economic Opportunity.

\$393,801 in BTOP funds and \$350,000 from the MacArthur Foundation will be allocated to Chicago Public Library Foundation who will manage and execute the expansion of the YouMedia program to branch libraries. \$6,680,568 in BTOP funds and \$255,000 from the MacArthur Foundation will be allocated to LISC/Chicago who will manage and execute all other program activities. \$300,000 in matching funds from the MacArthur Foundation will be housed at the Smart Chicago Trust Fund to support program evaluation activities. \$6,000 in in-kind support from the Chicago Community Trust was used to prepare the SmartChicago BTOP proposal.

DIRECT

\$8,843,435

Total direct expenses

INDIRECT

\$0

The City is not charging any indirect costs to the program.

TOTAL FEDERAL REQUEST

\$7,074,369

MATCH

Applicant: \$110,539 (cash) and \$12,522 (in-kind)  
LISC/Chicago: \$669,517 (cash) and \$42,363 (in-kind)  
MacArthur Foundation: \$905,000 (cash)  
Chicago Community Trust: \$6,000 (in-kind)  
State of Illinois: \$23,125 (cash)

TOTAL MATCH: \$1,769,066



**Broadband Technology Opportunities Program  
Public Computer Centers Program – Sustainable Adoption Program**

<b>Submitted Date:</b> 8/19/2009 8:11:21 PM	<b>Easygrants ID:</b> 2166
<b>Funding Opportunity:</b> Public Computer Centers and Sustainable Broadband Adoption	<b>Applicant Organization:</b> SmartChicago Sustainable Broadband Adoption
<b>Task:</b> Submit Application - Non-Infrastructure Programs	<b>Applicant Name:</b> Mr. Hardik V Bhatt

**A. General Application Information**

<b>1. Applicant Information</b>	
<b>1-A. Name, Address, and Federal ID for Applicant</b>	
<b>i. Legal Name:</b>	SmartChicago Sustainable Broadband Adoption
<b>ii. Employer/Taxpayer Identification Number (EIN/TIN):</b>	366005820
<b>Street 1:</b>	50 W. Washington St., Suite 2700
<b>Street 2:</b>	
<b>City:</b>	Chicago
<b>County:</b>	Cook
<b>State:</b>	IL
<b>Country</b>	United States
<b>Zip/Postal Code:</b>	60602

<b>1-B. Name and Contact Information of Person to be Contacted on Matters Involving this Application:</b>	
<b>Prefix:</b>	Mr.
<b>First Name:</b>	Hardik
<b>Middle Name:</b>	V
<b>Last Name:</b>	Bhatt
<b>Suffix:</b>	
<b>Telephone Number:</b>	312-744-2601
<b>Fax Number:</b>	
<b>Email:</b>	hbhatt@cityofchicago.org
<b>Title:</b>	CIO

**1-C. Other Required Identification Numbers**

**Broadband Technology Opportunities Program  
Public Computer Centers Program – Sustainable Adoption Program**

<b>Submitted Date:</b> 8/19/2009 8:11:21 PM	<b>Easygrants ID:</b> 2166
<b>Funding Opportunity:</b> Public Computer Centers and Sustainable Broadband Adoption	<b>Applicant Organization:</b> SmartChicago Sustainable Broadband Adoption
<b>Task:</b> Submit Application - Non-Infrastructure Programs	<b>Applicant Name:</b> Mr. Hardik V Bhatt

**A. General Application Information**

<b>1. Applicant Information</b>	
<b>1-A. Name, Address, and Federal ID for Applicant</b>	
<b>i. Legal Name:</b>	SmartChicago Sustainable Broadband Adoption
<b>ii. Employer/Taxpayer Identification Number (EIN/TIN):</b>	366005820
<b>Street 1:</b>	50 W. Washington St., Suite 2700
<b>Street 2:</b>	
<b>City:</b>	Chicago
<b>County:</b>	Cook
<b>State:</b>	IL
<b>Country</b>	United States
<b>Zip/Postal Code:</b>	60602

<b>1-B. Name and Contact Information of Person to be Contacted on Matters Involving this Application:</b>	
<b>Prefix:</b>	Mr.
<b>First Name:</b>	Hardik
<b>Middle Name:</b>	V
<b>Last Name:</b>	Bhatt
<b>Suffix:</b>	
<b>Telephone Number:</b>	312-744-2601
<b>Fax Number:</b>	
<b>Email:</b>	hbhatt@cityofchicago.org
<b>Title:</b>	CIO

**1-C. Other Required Identification Numbers**