



**Broadband Non-Infrastructure Application  
Submission to NTIA – Sustainable Broadband Adoption**

<b>Submitted Date:</b> 3/15/2010 3:56:48 PM	<b>Easygrants ID:</b> 5117
<b>Funding Opportunity:</b> Sustainable Broadband Adoption	<b>Applicant Organization:</b> DISTRICT OF COLUMBIA GOVERNMENT
<b>Task:</b> Submit Application - Sustainable Broadband Adoption	<b>Applicant Name:</b> Mr. Tegene Baharu

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## A. General Application Information

1. Applicant Information	
Name and Federal ID for Applicant	
<b>DUNS Number</b>	022555952
<b>CCR # (CAGE)</b>	5JAK7
<b>Legal Business Name</b>	DISTRICT OF COLUMBIA GOVERNMENT
<b>Point of Contact (POC)</b>	KENNETH BOLEY 2024785879 Ext. kenneth.boleyn@dc.gov
<b>Alternate POC</b>	AYANNA NAHMIAS 2024785900 Ext. ayanna.nahmias@dc.gov
<b>Electronic Business POC</b>	KENNETH BOLEY 2024785879 Ext. kenneth.boleyn@dc.gov
<b>Alternate Electronic Business POC</b>	AYANNA NAHMIAS 2024785900 Ext. ayanna.nahmias@dc.gov

2. Name and Contact Information of Person to be Contacted on Matters Involving this Application:	
<b>Prefix</b>	Mr.
<b>First Name</b>	Tegene
<b>Middle Name</b>	
<b>Last Name</b>	Baharu



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<b>Suffix</b>	
<b>Telephone Number</b>	202-727-7349
<b>Fax Number</b>	
<b>Email</b>	Joe.Carella@dc.gov
<b>Title</b>	Director, DC-NET

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

Project Role	Name	Phone	Email
Secondary Point of Contact	Ms. Ayanna , Nahmias	2024785900	ayanna.nahmias@dc.gov
Secondary Point of Contact	Kenneth , Boley	2024785879	Kenneth.Boley@dc.gov

**4. Other Required Identification Numbers**

<b>Easygrants ID</b>	5117
<b>Funding Opportunity Number</b>	500001
<b>Catalog of Federal Domestic Assistance Number</b>	<b>BTOP CFDA Number:</b> 11.557 <b>BTOP CFDA Title:</b> Broadband Technology Opportunities Program

**5. Organization Classification**

<b>Type of Organization</b>	District of Columbia
<b>Is the organization a small business?</b>	No
<b>Does the organization meet the definition of a socially and economically disadvantaged small business concern?</b>	No



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6. Authorized Organizational Representative	
<b>AOR</b>	BOLEY, KENNETH
<b>Result</b>	Applicant Authorized

**7. Project Title and Project Description**

**Project Title:** “DC-BETA” - DC Broadband Education, Training and Adoption

**Project Description:** Broadband adoption requires training, content, computers and broadband access. DC-BETA involves two broad partnerships that provide the District of Columbia’s vulnerable populations these four elements, plus support. Focusing on five different groups, including the District’s large low-income community, DC-BETA will enable DC residents to cross the digital divide.

**8. Other Applications**

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

- Yes

Easygrants ID	Project Title
5116	"DC-CAN" - DC Community Access Network
5118	"DC-CCR" DC Community Computing Resources

If YES, please explain any synergies and/or dependencies between this project and any other applications.

The District of Columbia is filing three BTOP applications, one in each of the Public Computing Centers (PCC), Sustainable Broadband Adoption (SBA) and Comprehensive Community Infrastructure (CCI) categories. Though they do create synergies, they are not dependent upon each other. This application is for the SBA project.



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The District's PCC project, "DC Community Computing Resources", or "DC-CCR", will be led by District of Columbia Public Library. DC-CCR will improve public computer center capacity so that those without computers or Internet access at home may benefit—not only from expanded access to computers and broadband, but also from the trainings regularly offered at these centers. DC-CCR will support public computers in the District's 26 public libraries, as well as at two recreation centers, three public schools, and one community college location. DC-CCR can be viewed not only as a complement to, but also a predecessor of the District's Sustainable Broadband Adoption (SBA) project.

The District's SBA project, "DC Broadband Education, Training and Adoption", or "DC-BETA", is targeted more directly at specifically underserved populations, such as those with low incomes, seniors, the disabled, at-risk youth and Hispanic populations. DC-BETA is designed to provide the full range of broadband adoption elements, from training and appropriate content to broadband-connected computers in the home. People who use the District's public computer centers, improved by the DC-CCR project, may enroll in a training class under the DC-BETA project and thus "graduate" to a computer and Internet access in the home.

Finally, the District's CCI project, "DC-Community Access Network", or "DC-CAN", while not a dependency for either DC-CCR or DC-BETA, also forwards a common overall cause: an increase in broadband adoption among the District's vulnerable populations and residents of its underserved communities. By providing low-cost middle mile connectivity, the DC-CAN project will help drive down the cost of broadband service, thus enabling low-income residents to sustain broadband connectivity beyond the period of free broadband service provided by DC-BETA.

Thus, the three applications filed by the District government, while not dependent on each other to succeed, do build upon each other and create synergies that will magnify and reinforce the impact of each.

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

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

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



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Name	Title	Employer

## B. Executive Summary, Project Purpose and Benefits

### Essay Question

**10. Executive Summary of the proposed project:**

Of the District of Columbia's eight wards, three wards comprise the most distressed part of the city. Almost 40 percent of the residents of the District of Columbia—225,000 people—live in Wards 5, 7 and 8; in those wards, one in five people is unemployed. Not surprisingly, broadband adoption and digital literacy rates are also extremely low. Focusing primarily in these wards, the District of Columbia, through two broad and innovative partnerships led by the District of Columbia Public Library (DCPL) and the Community College of the District of Columbia (CCDC), will provide the full range of elements necessary to transform a person with no interest in or knowledge of computers and broadband into a lifelong, effective broadband user. Participants will receive broadband education, skills training, educational and appropriate content, a computer and broadband connection in the home, and ongoing support. This Sustainable Broadband Adoption project, called DC Broadband Education, Training and Adoption (DC-BETA) will reach 6,800 residents for only \$4,650,000 in federal funds.

**A. Statement of Problem/Need**

The District's computer training capacity is severely over-subscribed. DCPL provided computer training to 7,600 customers in 2009. Even with the help of community-based nonprofit computer training centers, resources are insufficient: training classes are oversubscribed and capacity is inadequate for demand.

For example, when DCPL, in partnership with local nonprofits, including training provider ByteBack, announced a new training program for senior citizens that would provide content, a computer and broadband service in the home, nearly 200 responded within days. Even with the



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addition of more seats, people had to be turned away. “We just don’t have enough seats,” said Kelley Ellsworth, director of ByteBack. “Training is always in demand, but when people understand the benefits of a true end-to-end, all-inclusive program, they come out in droves. They really see how it will help their lives.”

The root of the enormous need for training and broadband access in DC is easy to understand. At 15.8 percent in December 2009, DC has one of the worst state unemployment rates in the country; in its underserved area (Wards 5, 7 and 8), 21.5 percent of residents are unemployed. In Ward 5, per capita income was \$21,551, or 68.1 percent of the national average (based on 2003 data, the most recent available). In Ward 7, per capita income was \$19,035, or 60.2 percent of the national average. In Ward 8, per capita income was \$14,137; only 44.72 percent of the national average. At such low income levels, the decision to purchase a computer and broadband Internet access is understandably one that many District residents cannot afford to make. They currently rely on publicly available computers.

#### B. Overall Approach

As the community made clear at the District’s Community Broadband Summit in February 2010 (<http://octo.dc.gov/DC/OCTO/About+OCTO/Opportunities/DC+Community+Broadband+Summit>), true broadband adoption is the creation of new broadband users who persist in Internet use and realize the social and economic benefits offered by that use. A computer is not enough, and neither is a broadband connection. To create a new broadband user, one must provide awareness of the benefits of broadband adoption, training, appropriate and valuable content, and a home-based computer with broadband connection. DC-BETA provides all those elements and ongoing support, for free.

DC-BETA includes two related programs. The first program, through District of Columbia Public Libraries (DCPL), is focused on seniors, the disabled, at-risk youth, foster children, and the Hispanic community. The second program, through the Community College of the District of Columbia (CCDC), is focused on low-income DCPL locations and five CCDC locations, all of which serve Wards 5,7 and 8. Students use these locations to receive education services and to develop skills necessary in the job market. DCPL estimates that because of DC-BETA, it will increase the number of District residents it trains by over 20 percent, to 9,683 residents per year. This includes a 150 percent increase in number of disabled residents trained.



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End-to-end broadband adoption programs provided by this DC-BETA project will spur the demand for broadband in the District and help provide a key ingredient for economic growth: a skilled workforce.

#### D. Qualifications of the Applicant

Both DCPL and CCDC are established anchors in the nation's capital. In partnership with ByteBack, One Economy, First Time Computers and Cricket, DCPL is already training 400 senior citizens, providing content, computers and wireless broadband in the home, a model of what DC-BETA proposes. DCPL has 26 branches throughout the District serving 230,000 residents a year. CCDC serves over 4,000 residents annually in training programs and has facilities and equipment to support these students. CCDC also has a \$144 million annual budget that provides for nationally recognized educational offerings.

As one of the original grantees of the Bill and Melinda Gates foundation, DCPL has provided public access computers for over a decade. With a highly skilled Information Technology Department led by an experienced Chief Information Officer, and fully staffed by Microsoft certified systems engineers, DCPL has experience managing over 1,000 desktops and training 8,000 residents per year.

DC-BETA will provide service to approximately 6,800 residents in the poorest sections of DC. Both CCDC and DCPL are ready to accept students immediately and have the capacity to sustain these efforts after the completion of the grant.

#### E. Jobs Saved/Created

DC-BETA will create 73 jobs, based on guidance provided by CEA.

#### F. Overall Cost

DC-BETA project cost is approximately \$6,726,000, of which the District will provide a 30.9% cash match. The District requests federal grant funds of \$4,650,000.

#### 11. Project purpose:

At 15.8 percent in December 2009, the District of Columbia (the District) has one of the worst state unemployment rates in the country; in its underserved area (Wards 5, 7 and 8), 21.5 percent of residents are unemployed. Based on 2003 data, the most recent available, in Ward 5, per





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capita income was 68.1 percent of the national average; in Ward 7, per capita income was 60.2 percent of the national average, and in Ward 8, per capita income was \$14,137, or only 44.7 percent of the national average.

Digital literacy and broadband adoption rates are also very low in these wards. In an analysis of subscription to wired broadband services, the District established that a single contiguous collection of census blocks averaging under 40 percent adoption overwhelmingly covers Wards 5, 7 and 8. One attachment shows the underserved area of the city. As a result, residents of these wards, as well as vulnerable populations in other wards, rely upon the District's public computing centers for use of computers and access to the Internet.

The District's existing public computing facilities and training programs are inadequate to meet this tremendous need. At most library facilities, for example, the public computers are in such demand that the average wait time for a computer is 45-90 minutes on a weekday, 1-2 hours on Saturdays. At the central library location, the wait is 1-2 hours on weekdays and 2-3 hours on Saturdays. At the three libraries in the District's economically distressed Ward 7, the public computers are in even greater demand: 1-3 hours on weekdays and 2-4 hours on Saturdays.

The training picture is similar. DCPL provided computer training to 7,600 customers in 2009. Resources remain insufficient: training classes are oversubscribed, and capacity is inadequate for demand.

At the District's Community Broadband Summit in February 2010 (<http://octo.dc.gov/DC/OCTO/About+OCTO/Opportunities/DC+Community+Broadband+Summit>), the assembled community made clear that to succeed, DC-BETA must provide the District's vulnerable populations with all of the critical elements of sustainable broadband adoption: training, content, computers and broadband access; DC-BETA does. DC-BETA includes two related programs, one focused through the public libraries on seniors, the disabled, at-risk youth, foster children, and the Hispanic community, and the second targeted through the DC Community College at low-income residents. Between the two programs, DC-BETA will train and provide computers and broadband access to 1,700 residents of the District, primarily in Wards 5, 7 and 8, which comprise the underserved area of the city.

DC-BETA teaches people how to use a computer, provides them the content needed to maximize the value of their new skills, and supplies them the hardware and broadband subscriptions they



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need to adopt broadband in the home. With home adoption, residents can spend time learning and benefiting from the power of broadband; they are not limited to the 70-minute time slots allotted for public computer use at libraries.

Through these broad benefits, DC-BETA will provide improved access to broadband services for residents of the underserved areas of the city as described above, and broadband education, awareness, training, access, and equipment for vulnerable populations throughout the city. A visit to any public library in the District, particularly in Wards 5, 7 and 8, shows that senior citizens, public school students, and the unemployed are among the heaviest users of public computer resources. One of the primary tasks for public computer use is preparing for or finding a job, particularly because the libraries serve as adjunct facilities to the Department of Employment Services (DOES) employment centers. With true broadband adoption in the home, the unemployed will be better able to benefit from computer usage in their job searches.

The DC-BETA project will drive broadband adoption at eight DCPL and five CCDC locations, all of which serve Wards 5, 7 and 8. These locations are used by students to receive education services and to develop the skills necessary for the job market. The end-to-end broadband adoption programs provided by this DC-BETA project will spur the demand for broadband in the District and help provide a key ingredient for economic growth: a skilled workforce.

**12. Recovery Act and Other Governmental Collaboration:**

DC-BETA will leverage existing collaboration among District government agencies and federal programs.

DCPL public computer centers and related training programs serve as adjunct locations for DOES one-stop service operations, which are locations for citizens to apply for unemployment insurance and respond to job opportunities. By increasing DCPL's training capacity, DC-BETA will create greater efficiencies, and improve DOES's ability to serve this population.

The Office of the Chief Technology Officer already is implementing public education and mapping on broadband adoption under a related NTIA grant. Its ongoing collaboration with DCPL and CCDC under DC-BETA will create greater efficiencies, particularly in the area of public broadband education.



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The grant also leverages other Federal development programs, including ARRA programs for library facilities. This grant will leverage the federal E-Rate program, which pays for telecommunications and Internet connectivity for schools and libraries. DCPL receives approximately \$400,000 per year from E-Rate program, and the eight DCPL locations included in DC-BETA will make use of that connectivity.

This grant will leverage ARRA objectives in other ways, including the creation of jobs directly via the local, small and disadvantaged businesses that provide and install the grant-funded equipment. With greater availability of computer training, appropriate content and both computers and broadband access in the home, residents will be better able to use on-line training and employment preparation opportunities, increasing job skills, improving job readiness, and providing a boost to the local economy, when they land that higher-paying job. These public computing centers help users become more productive workers, providing a critical ingredient for long-term economic growth: a more skilled labor pool. Finally, these skills help residents become more effective citizens, by using acquired skills to monitor District government, improving accountability. One way they can be more effective citizens is by accessing the hundreds of data feeds the District makes available at: <http://data.octo.dc.gov/>.

**13. Technology Strategy:**

DC-BETA employs a complete lifecycle approach to broadband adoption. At the successful completion of the DC-BETA training programs, qualified participants will receive a computer and free broadband access. The computers will be Windows-based desktops with the following (current) specifications: Intel pentium IV or Celeron, 120GB or larger hard drive, Windows Vista, XP, or 7 operating system, Microsoft Office 2007, JAWS, Wyn Wizard, Firefox, Adobe Acrobat reader, and Magic. Each PC will include a 20" or larger CRT monitor, or a 17" or larger LCD monitor. Free technical support will be offered on both hardware and software. Participants will receive free broadband Internet access using either traditional wired providers or Cricket wireless.

A state-of-the-art learning management system (Moodle) includes rich content, interactive progress tracking, printable lessons, and other innovative easy-to-use features that will be available to participants in this program. In addition, Moodle will be offered to any citizens of the District who use public computing centers or enroll in training programs offered by CCDC or DCPL.

**14. Innovative Approach:**



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The District of Columbia’s approach to increasing broadband adoption rates is innovative in that it is anchored in creating demand in the target population. Traditional sales and marketing to this target group have had limited success. Broadband adoption in the targeted area, which has an average poverty rate of over 68%, is below 40%. Broadband providers have not been able to convince this population that broadband service is valuable to them.

The basic tools of a computer and broadband service and, as importantly, training on how to use them are required to create demand. In short, the DC-BETA approach will succeed because it provides all of the pieces necessary to create a broadband adopter.

The DC-BETA approach to increased broadband adoption is innovative because both the DCPL program and the CCDC program address three key demand-driving elements that ensure the highest rate of success: Complete Package, Targeting, and Lowest Cost.

**Complete Package:** Broadband adoption is not training, content, equipment or broadband service. Rather it is all four of these items, packaged with a strong public awareness campaign. A program without these four pillars will not convince residents of impoverished neighborhoods that broadband adoption is worth pursuing. The program also includes ongoing support.

**Targeting:** A highly successful program must be carefully tailored to the target population. DC-BETA targets its “Complete Package” and outreach at specific populations of the District with historically low rates of Internet access and computer ownership. These groups include low-income residents enrolled in TANF, the disabled, and foster children who are within a year of “aging out” of foster care. As a result, DC-BETA offers tailored on-line content for education, employment, and healthcare, as well as personal training and customer/technical service provided by individuals trained by the DC-BETA partners. The CCDC program, for example, provides on-line educational resources for remedial-level low-income adults and their elementary-age children. It also offers a path at the end of the program into a job with the local electricity utility. In short, “Targeting” means knowing the audience and being highly sensitive to its needs.

**Lowest Cost:** Finally, the “Complete Package” and “Targeting” must come together with the lowest cost to the participant. In areas like Wards 7 and 8 in the District, where poverty is rampant and new expenses must return substantial value in order to fit into the monthly budget, the whole package must be at the lowest possible cost—preferably free. Otherwise, the participant must make a difficult financial decision before fully understanding the economic benefits of getting on-line. This approach combines broadband access and digital literacy training so that adoption rates increase and are sustained as the benefits of online access become indispensable to participants’ lives,



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

- No

**16. Is the applicant delinquent on any federal debt?**

- No

If Yes, justification for delinquency:

- .

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

- No

## C. Partners

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

- Yes

If YES, key partners are listed below:

Project Role: Sub-recipient  
Name: Ellsworth, Kelley  
Email: kellsworth@byteback.org  
Address 1: 815 Monroe Street NE  
Address 2:  
Address 3:  
City: Washington  
State: District of Columbia  
Zip Code: 20017  
Organization: Byte Back, Inc.  
Organization Type: Non-profit Institution  
Small business: No  
Socially and economically disadvantaged small business concern: No

Project Role: Third party in-kind contributor  
Name: Shipley, Patrick  
Email: pshipley@cricketcommunications.com



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Address 1: 5887 Copley Dr.  
 Address 2:  
 Address 3:  
 City: San Diego  
 State: California  
 Zip Code: 92111  
 Organization: Cricket Communications  
 Organization Type: For-profit Entity  
 Small business: No  
 Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient  
 Name: Tonjes, Chris  
 Email: chris.tonjes@dc.gov  
 Address 1: 901 G St, NW  
 Address 2:  
 Address 3:  
 City: Wasington  
 State: District of Columbia  
 Zip Code: 20001  
 Organization: DC Public Library  
 Organization Type: District of Columbia  
 Small business: No  
 Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient  
 Name: Dodge, Lowell  
 Email: firstimecmprts@aol.com  
 Address 1: 3101 12th St. NE  
 Address 2:  
 Address 3:  
 City: Washington  
 State: District of Columbia  
 Zip Code: 20017  
 Organization: First Time Computers  
 Organization Type: Non-profit Corporation  
 Small business: No  
 Socially and economically disadvantaged small business concern: No

Project Role: Sub-recipient  
 Name: Fahm, Hakeem  
 Email: hakeem@udc.edu



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Address 1: 4200 Connecticut Ave. NW,  
Address 2: Building 41, Room 316  
Address 3:  
City: Washington  
State: District of Columbia  
Zip Code: 20008  
Organization: Community College of DC  
Organization Type: District of Columbia  
Small business: No  
Socially and economically disadvantaged small business concern: No

Project Role: Other  
Name: Huffman, John  
Email: info@pepcoenergy.com  
Address 1: 1300 North 17th St  
Address 2: Suite 1600  
Address 3:  
City: Arlington  
State: Virginia  
Zip Code: 22209  
Organization: PEPCO Energy Services  
Organization Type: For-profit Entity  
Small business: No  
Socially and economically disadvantaged small business concern: No

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

Partners in DC-BETA include the following organizations:

ByteBack: A community computer learning center with over 12 years experience training thousands of District residents, ByteBack will be providing custom curricula designed to address the needs of people with disabilities, low-income, at-risk youth, senior citizens and the Hispanic population. They will also provide course registration, income eligibility testing, logistics, equipment distribution, and instructional support for PC Basics and Microsoft Office training, classes designed to give graduates job skills. Finally, they will collect assessment data, so project partners can track the progress of class graduates, as well as their broadband adoption rate. The data will be used to help plan and implement the post-grant funded continuation (and eventual expansion) of this project.



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District of Columbia Public Library: DCPL will provide instructional support, facilities, and broadband access used to deliver training courses. Through First Time Computers, DCPL will supply PCs for students, instructors and instructor aides. DCPL will coordinate outreach efforts and will oversee production of paper- and web-based supporting materials. DCPL will hire 20 graduates of these classes as part-time, community based technology aides, to sustain the program after grant funding is expended.

Community College of the District of Columbia: CCDC will create and offer technology training to recipients of Temporary Assistance for Needy Families (TANF), provide computers and wired broadband access, and coordinate the placement of graduates in a special employment program sponsored by the Potomac Electric Power Company (PEPCO). CCDC will create tailored technology training programs for any District citizen who uses its public computing center. This web-based, individualized training will be available at any connected location, including the home, public libraries, schools, or elsewhere.

First Time Computers: First Time Computers is a Microsoft-certified computer refurbisher that will provide computers to qualified graduates of the ByteBack/DCPL classes. First Time Computers hires at-risk youth to refurbish its computers, trains them and gives them skills that lead to employment and other business opportunities.

Cricket Wireless: Cricket Wireless is committed to expanding broadband access to rural and urban areas. Cricket will provide wireless broadband modems and subscriptions to graduates of the DCPL program.

## **D. Congressional Districts**

### **20. Applicant Headquarters**

- District of Columbia

### **21. Project Service States**

District of Columbia





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**22. Project Service Areas**

District of Columbia - At-Large

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

➤ No

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

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

No

## E. Community Anchor Summary

<b>26. Community Anchor Institution</b>	
<b>Schools (k-12)</b>	0
<b>Libraries</b>	8
<b>Medical and Healthcare Providers</b>	0
<b>Public Safety Entities</b>	0
<b>Community Colleges</b>	5
<b>Public Housing</b>	0
<b>Other Institutions of Higher Education</b>	0
<b>Other Community Support Organization</b>	0
<b>Other Government Facilities</b>	0



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<b>TOTAL COMMUNITY ANCHOR INSTITUTIONS</b>	13
<b>27. Minority Serving Institutions</b>	
<b>Historically Black colleges and Universities</b>	1
<b>Tribal Colleges and Universities</b>	0
<b>Alaska Native Serving Institutions</b>	0
<b>Hispanic Serving Institutions</b>	0
<b>Native Hawaiian Serving Institutions</b>	0
<b>TOTAL MINORITY SERVING INSTITUTIONS</b>	1

## F. Demographics

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

➤ Yes

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

Black/African-American

English as Second Language (ESL)

Disabled

Low Income

Unemployed

Senior Citizen (55 and over)



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Youth

**Other:**

**29. Vulnerable Populations**

DC-BETA will engage and serve a number of vulnerable populations through two related programs: one focused through DC Public Library on seniors, people with disabilities, at-risk youth, and the Hispanic community; and the second targeted through the DC Community College (CCDC) at low-income residents.

DCPL will provide differentiated training classes, each with curriculum designed for the targeted population, including such features as instruction in Spanish, and accessibility software and curriculum design for low-vision learners. DCPL will also develop web content targeted at each population. Each training opportunity will be publicized via outlets of special interest to the specific population. Please see the awareness campaign section for details.

CCDC will focus on the District's substantial low-income population, the population it was specifically founded to serve. Offering training and instruction at five locations in economically distressed Wards 5, 7 and 8, CCDC cannot help but reach its target population. CCDC will be using curricula, training materials, and online content specifically developed for low-income populations.

Although neither program specifically targets the black population, the majority of participants will be black, as the black/non-Hispanic populations of wards 5, 7 and 8 are respectively 88%, 97% and 93%, based on 2000 Census data. Similarly, though the programs do not specifically target the unemployed, many of the participants will belong to that group: 21.5 percent of the residents of wards 5, 7 and 8 are unemployed.

The District will use print, radio, and Internet ads to reach the largest possible number of residents, as well as additional outlets such as community-based organizations and churches. In addition, the Department of Human Services will make direct referrals of public assistance and Food Stamp recipients to CCDC.



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Finally, using planning funds from NTIA’s State Broadband Data and Development Program, the District is undertaking a citywide awareness program to engage these target populations by explaining the social and economic benefits of broadband adoption, including where residents can go for free computer training under DC-BETA.

**30. Accessibility**

All public libraries, public schools, recreation centers and the community college in the District strictly adhere to the posted notice of the Americans with Disabilities Act of 1990, amended in 2009, which prohibits discrimination on the basis of disability.

In addition, all community college students sign an ADA form describing their rights and responsibilities under the Americans with Disabilities Act. All libraries and CCDC facilities are handicap accessible.

Further, all public computers available in library centers include JAWS and MAGic software for the visually impaired.

The CCDC library maintains a Visually Impaired Laboratory consisting of two video display stations, one in black and white and one in color, to be used with flat objects as well as tridimensional objects. The library has two computers with Zoom Text and Jaws, and study carrels and tables that can be used by persons in wheelchairs.

**31. Other Languages**

CCDC provides online and classroom-based English as a Second Language (ESL) courses. CCDC offers the online “Crossroads Café” ESL English language program and, using the District's Moodle website, presents all online learning content in over 60 foreign languages. CCDC is committed to serving the foreign language-speaking population in both workforce development and credit-bearing courses. CCDC currently serves over 1,000 students who are foreign-born.

DCPL offers computer literacy training in Spanish, and provides Spanish-language outreach via its Spanish-language staff and community organizations.



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By utilizing multiple delivery methodologies, DC-BETA will address any resident in any native language contextualized to their needs. Outreach efforts will be done in Spanish as well.

## G. Project Budget

32. Project Budget	
<b>Federal Grant Request</b>	\$4,650,000
<b>Total Match Amount</b>	\$2,076,000
<b>Total Budget</b>	\$6,726,000
<b>Match Percent</b>	30.9%

### 33. Projects Outside Recommended Funding Range:

- DC-BETA is within the recommended funding range.

### 34. Sustainability:

University of the District of Columbia / Community College of the District of Columbia (UDC/CCDC) intends to leverage \$1,000,000 of local Workforce Development funds to help sustain the DC-BETA initiative. CCDC will also use \$250,000 of Perkins Career and Technical Education grant funds and \$500,000 in additional local funds for DC-BETA sustainment.

DCPL, in turn, will use local funds to hire at-risk youth for its Teen Aide program, who will sustain the training programs beyond the grant period. DCPL will expand its Adaptive Services program to provide training to people with disabilities beyond the grant period.

35. Matching Funds	
<b>Applicant is providing matching funds of at least 20% towards the total eligible project costs?</b>	Yes
<b>Describe the matching contributions</b>	Matching contributions totalling \$2,076,000 will be supplied as follows:



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	<p>DCPL: \$710,000 in cash(\$305,000 in FY 2011, and \$305,000 in FY 2012).</p> <p>CCDC: \$1.266,000 in in-kind contributions split evenly over two years.</p> <p>Cricket Wireless: \$100,000 in in-kind contribution (FY 2011).</p>
<b>Unjust enrichment</b>	The District of Columbia, DCPL, CCDC and all other District agencies and offices receive no unjust enrichment from this grant.
<b>Disclosure of federal and/or state funding sources</b>	<p>DCPL receives approximately \$400,000 per year in reimbursements from the Universal Service Access Corp. E-Rate program. These funds are used to cover the cost of Internet and network connections in support of the Library’s Public Access Technology program. DCPL also receives approximately \$800,000 a year from the District of Columbia for DCPL’s Public Service Technology Program. This grant application proposes to build upon these two library technology programs.</p> <p>CCDC receives substantial funding for activities and projects related to DC-BETA initiatives. The U.S. Department of Education provided Title III funding to developing institutions (with particular emphasis on Historically Black Colleges and Universities such as UDC/CCDC) to assist in the realization of each institution’s Strategic Plan. The 2007-2012 Title III award to UDC was approximately \$12 million. The Title III-funded projects related to this project include:</p> <ul style="list-style-type: none"> <li>- Technology Assessment</li> <li>- Purchase of Emergency Response Equipment and Apparatus</li> <li>- Cyber Café</li> <li>- Training of Faculty (Blackboard Scholars)</li> <li>- Portable Wireless Classrooms</li> <li>- Faculty and staff training for CISCO Certification Program</li> <li>- Purchase and installation of Cogent Communications Internet Service</li> <li>- Enhancements to Writing Center</li> </ul>



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	<ul style="list-style-type: none"> <li>- Enhancements to Accounting Lab</li> <li>- Library</li> <li>- E-Learning</li> <li>- Internet 2</li> </ul> <p>UDC / CCDC also receives funds from other federal and state sources for activities related to this project:</p> <ul style="list-style-type: none"> <li>- US Department of Labor, Perkins IV for career and technical education: \$717,000 annually</li> <li>- US Dept of Labor, Workforce Investment Act Title I and II for career and technical education for low-literacy individuals: \$800,000 annually</li> <li>- DC local funds, workforce development funding: \$3.5 million annually</li> <li>- DC local funds, direct support for UDC/CCDC: \$62 million in 2010</li> </ul> <p>Finally, the District's Office of the Chief Technology Officer (OCTO) received \$1.5 million in broadband mapping and planning funds under NTIA's State Broadband Data and Development Grant Program. OCTO will use these funds to establish a baseline for broadband adoption in the District and monitor changes in adoption over time. OCTO will also use some of the funds for broadband education and awareness.</p>
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<b>36. Budget Narrative</b>	
<b>Budget narrative</b>	<p>DC-BETA has a total project budget of \$6,726,000, of which District of Columbia government entities and private partners are committing \$2,076,000 in matching funds, or 30.9% of the two-year project costs. The remainder is requested as a federal grant in the amount of \$4,650,000, under the NTIA BTOP program.</p> <p>This budget funds training and programs delivered to residents in the District of Columbia's most economically distressed communities. The training and programs will be provided by District of Columbia Public Libraries (DCPL) and the Community College of DC (CCDC).</p>



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	<p>The budget includes the following elements:</p> <ul style="list-style-type: none"> <li>- Equipment: budgeted at \$2,331,300, DC-BETA plans to acquire approximately 2,800 computers, a digital media center, program software, training software, and management and tracking software required to achieve the project and program goals, and to create a self-sustaining program.</li> <li>- Supplies: budgeted at \$40,000, for publications, media, and other supplies.</li> <li>- Contractual: budgeted at \$4,123,700, for services to support DC-BETA content development and training staff at libraries and CCDC. Trainers specialize in digital literacy, computer skills, and content development focused on DC-BETA's target populations (low income, Hispanic, people with disabilities, at-risk youth and seniors).</li> <li>- Other: budgeted at \$231,000, for subsidized broadband subscription costs to qualified participants who successfully complete the programs.</li> </ul> <p>Matching funds for all contributors are split equally over two years. DCPL commits matching funds in the amount of \$710,000, all cash. CCDC commits matching funds in the amount of \$1,266,000, as in-kind contributions, to subsidize services and fees. Cricket Wireless, a commercial private partner, commits \$100,000 as in-kind payments, to subsidize broadband fees for qualified program graduates, for a limited period.</p>
<b>Budget reasonableness</b>	<p>The project budget of \$6,726,000 (\$4,650,000 in requested federal funds) is reasonable given the extensive nature of the program and the size of the served population. The District estimates that DC-BETA will create 5,860 new broadband adopters, at an average cost of \$1,148 per new adopter. The budget is also reasonable considering the extensive poverty and unemployment in the District. Given the high rate of adult illiteracy, custom created training materials and additional</p>





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	<p>training time are required to reach these audiences. The District itself is committing extensive resources to this project and has confirmed costs with partners First Time Computers, Cricket Wireless, ByteBack and Corstar. Budget figures for First Time Computers, Cricket Wireless and ByteBack are based on the existing model program for seniors currently being conducted by the same partnership. CCDC broadband figures are based on the negotiated lowest price possible from Comcast and Verizon (\$30/month). CCDC computer costs are based on a quote from Dell for a basic, new computer. All CCDC equipment procurements will be put out to bid under CCDC’s low-bid contract rules.</p>
<p><b>Demonstration of need</b></p>	<p>Over the course of the last three fiscal years, government partners in this project have experienced significant decreases in locally appropriated funds (see attachment “DC Public Library Local IT Budget 3-Year Comparison”) while simultaneously responding to increased community need. For DCPL, computer usage has quadrupled, as has head count in training classes, while requests for computer assistance have outpaced traditional library reference services. With the recession's onset, more District citizens have foregone subscriptions to any type of Internet access and have also put off buying computers. This leaves the libraries as critical places to provide training and connectivity. Although in years past the District was able to provide funds for computer training, recently those funds have been drastically reduced (please refer to the attachment “DC Public Library Local IT Budget comparison”). Without additional funding, this broadband adoption program will not be implemented. Although an increase in staffing and number of classes is beyond DCPL reach, a robust training program repurposing existing staff positions is possible, once the two-year grant period is over.</p> <p>Additionally, for the CCDC program, the program model has had successful trials in New York State and Florida and has had a number of successful outcomes, including improved employment and academic success by low income families. These programs, however, have not been widely disseminated owing to the reluctance of state</p>



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	agencies to invest in high cost of introducing broadband services to the home. Specifically, the USDA currently prohibits use of Food Stamp Employment and Training funds to support broadband in the home.
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**37. Funds to States/Territories**

States	Amount of Federal Grant Request
District of Columbia	4,650,000

**Funds to States/Territories Total:** \$4,650,000

## H. Historical Financials

38. Matching Funds			
	2007	2008	2009
<b>Revenue</b>	8,489,718,000	8,619,977,000	8,988,432,000
<b>Expenditures</b>	8,914,401,000	10,053,453,000	10,134,792,000
<b>Net Assets</b>	2,977,733,000	2,961,335,000	2,848,112,000
<b>Change in Net Assets from Prior Year</b>	469,264,000	-16,398,000	-113,223,000
<b>Bond Rating (if applicable)</b>	A+ (S&P); A1 (Moody); A+ (Fitch)	A+ (S&P); A1 (Moody); A+ (Fitch)	A+ (S&P); A1 (Moody); A+ (Fitch)

## I. Program Benefits

39. Jobs	
<b>How many direct jobs-years will be created from this project?</b>	15
<b>How many indirect jobs will be created from this project?</b>	32



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<b>How many jobs will be induced from this project?</b>	26
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**40. Methodology used to estimate jobs:**

Based upon the project budget, the methodology used to generate these job calculations follows guidance provided by Council of Economic Advisers, “Estimates of Job Creation From the American Recovery and Reinvestment Act of 2009,” dated May 2009.

<b>41. Adoption Metrics</b>	
<b>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?</b>	4360
<b>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?</b>	10
<b>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?</b>	1500
<b>What is the total cost of your project per new subscriber (household, individual, or institutional) or new end-user?</b>	\$1,148.00

**42. Measuring Adoption Impact:**

To help determine the success of the DC-BETA adoption methodology, the District's Office of the Chief Technology Officer (OCTO) has received \$1.5 million in broadband mapping and planning funds under NTIA’s State Broadband Data and Development Grant Program. OCTO the majority of these funds to establish a baseline for broadband adoption in the District and monitor changes in adoption over time; OCTO has already begun this work. The methodology for such measurement includes collecting and analyzing subscribership data from broadband providers (working in conjunction with the Public Service Commission) as well as independent consumer surveys.

CCDC will track broadband usage through its curriculum management system (“CMS”), in which each participant will be enrolled during the CCDC orientation and training program. Once the student is enrolled, CMS can track the student’s access to and use of training materials,



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on-line teachers, e-mail and social networking activities. This will provide a strong indicator of adoption.

In addition, through the broadband carriers providing access to 1,700 DC-BETA participants, the District will be able to determine usage levels on these accounts, providing another data source to measure levels of adoption.

Finally, ongoing use by DC-BETA participants of the DCPL volunteer-run help desk and the CCDC educational support line will also provide a data point from which the District will be able to measure adoption rates and the success of DC-BETA in driving adoption in the target communities.

<b>43. Broadband Training Programs</b>	
<b>If you intend to provide training or education, how many people in total will your program(s) reach?</b>	6800
<b>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?</b>	110
<b>How many Full time employee (FTEs) instructors or facilitators will you employ for broadband and digital literacy training purposes?</b>	29

**44. Describe their qualifications (training and experience):**

The partners are well qualified to perform all of the training activities described in this application. The qualifications of each include:

DCPL trains over 7,000 District residents each year in various technical topics, including PC basics, e-mail, job search, health awareness, office productivity software, Internet content development, E-government, and other subjects. DCPL currently employs two full-time technology trainers, and plans additional hires. As noted earlier, in partnership with ByteBack, DCPL has already successfully implemented a similar program.

CCDC offers an array of classes in administrative technology, computer accounting, and other subjects. They offer a comprehensive workforce development program specializing in promoting technology literacy and broadband adoption.



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ByteBack, the District’s oldest and most successful community computer training organization, specializes in training hard-to-reach adults, and provides them with critical job skills that make them office-ready. ByteBack’s innovative, outcome-based teaching methods and curriculum are studied and emulated by many educational and social service organizations.

45. Equipment Affordability Programs	
What is the total up-front cost of this equipment?	\$2,331,300.00
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?	2800 Households
	10 Businesses
	2 Institutions
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?	\$0.00
How many broadband-related equipment units (e.g. computers, wireless devices) do you intend to purchase overall?	4500

46. Broadband Awareness Programs	
If you are conducting an awareness campaign, how many people do you expect your campaign will reach in total per year?	590000

**47. Awareness Campaign Methods:** Briefly describe the targeting, media, and messaging strategies your awareness campaign will employ.

The District is not aware of any other end-to-end program focused on targeted populations, with the exception of the current DCPL-ByteBack partnership program focused on senior citizens.

Target Audiences



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DC-BETA will focus on lower income District residents, those who have neither computers nor broadband at home. We are targeting the following five populations:

- Seniors, 55 and over
- Youth, ages 14 to 21, including foster kids
- People with disabilities
- Hispanics whose primary language is Spanish
- Low-income residents

Barriers to Participating and Misconceptions - People may

- be intimidated by computers
- not understand the relevance of computers to their lives
- be unsure they will understand the information
- be worried that they will be expected to pay at some point in the future
- think computers are not safe for conducting business

Message Points:

- Stress the importance of free training and a period of free Internet access (for some)
- Emphasize that the PC Basics class is being designed for those without computer experience
- Focus on relevance to each target population

Connecting to the Target Audiences

Phase 1: Promote Registration to Encourage Enrollment. Outreach will target Wards 5, 7 and 8 (where most classes are being held) before spreading city-wide.

1.1 Community Outreach

- Religious institutions & community-based organizations
- Ward 5, 7 and 8 Libraries
- Greek Fraternities and Sororities
- Civic Associations
- Ward 5, 7 and 8 Council members
- DC Mayor's Office of Communications

1.2 Media Outreach (Begins Fall 2010)

Generic

- Washington Informer
- Washington Post Weekly



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- Community newspapers
- Morning radio
- Television PSAs
- Internet outlets
- Hispanics
  - Office on Latino Affairs
  - Latin American Youth Center
  - Columbia Heights Educational Campus
- People with Disabilities
  - Office of Disability Rights
  - DCPL Adaptive Services Division
  - DC Regional Library for the Blind and Physically Handicapped Youth
- DC Public Charter School Board
- PTAs of local schools
- Foster kids - CFSA
- Seniors
  - AARP DC
  - Department of Aging
- Low Income
  - DHS direct referrals of public assistance and Food Stamp recipients

Phase 2:

- Media Coverage of Program Milestones
- Kick-off Event: Beginning of class
- Feature story on a participant's success
- Mid-way through program
- Closing event/computer awarding
- Date TBD
- Local TV media

Finally, using planning funds from NTIA's State Broadband Data and Development Program, the District is undertaking a citywide awareness program to engage these target populations by explaining the social and economic benefits of broadband adoption, including providing information on where in the city residents can go for free computer training under DC-BETA.



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**48. Measuring Campaign Impact: Describe how you will measure the impact of the awareness campaign.**

The District will measure the impact of its awareness campaign by measuring the number of calls it receives for information about DC-BETA programs, the number of people who sign up for those programs, and especially the change in broadband adoption in the District, particularly in Wards 5, 7 and 8.

To help determine changes in the level of adoption, the District's Office of the Chief Technology Officer (OCTO) has received \$1.5 million in broadband mapping and planning funds under NTIA's State Broadband Data and Development Grant Program. OCTO will use these funds to establish a baseline for broadband adoption in the District and monitor changes in adoption over time. OCTO will also use some of the funds for broadband education and awareness.

In addition, CCDC will track broadband usage through its curriculum management system ("CMS"), which will be provided to each participant during the CCDC orientation and training program. This system is currently utilized by CCDC students and involves enrolling each user through the system. Once enrolled, CMS can track participant access to and use of training materials, on-line teachers, e-mail and social networking activities.

DC-BETA will provide broadband service to 1,700 participants. Through the participating broadband providers, the District will be able to determine usage levels on these accounts, providing another data source to measure levels of adoption.

Finally, ongoing use by DC-BETA participants of the DCPL volunteer-run help desk and the CCDC educational support line will also provide a data point from which the District will be able to measure adoption rates.

## **J. Project Readiness**

**49. Licenses and Regulatory Approvals**

No licenses or regulatory approval are required for this project.

**50. Organizational Readiness**





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DC-BETA includes two well-established anchors in the nation's capital: Community College of the District of Columbia (CCDC) and the District of Columbia Public Library (DCPL) system. CCDC serves over 4,000 residents annually in training programs and has facilities and equipment to support these students. DCPL has 26 branches throughout the District serving 230,000 residents a year. CCDC also has a \$144 million a year budget that provides for nationally recognized educational offerings.

As one of the original grantees of the Bill and Melinda Gates foundation, DCPL has provided public access computers and training for over a decade. With a highly-skilled Information Technology Department led by an experienced Chief Information Officer, and staffed by Microsoft certified systems engineers, DCPL has experience training thousands of students a year (7,600 in 2009). DCPL has two full-time trainers, and a cadre of 40 volunteer trainers.

Additionally, in partnership with ByteBack, One Economy, First Time Computers and Cricket, DCPL is currently training 400 senior citizens, providing content, computers and wireless broadband, a model of what DC-BETA proposes.

CCDC currently serves over 4,000 residents annually in career training programs. It has the infrastructure and facilities to quickly increase capacity under this proposal to serve an additional 2,550 individuals per year with the funding from this grant.

This proposal will serve a total of about 6,800 residents in the poorest sections of Southeast Washington, DC, where both organizations have a significant presence. CCDC and DCPL are ready to accept students immediately and have the capacity to sustain these efforts after the completion of the grant.

**51. Project Timeline and Challenges**

This project begins October 2010 and ends October 2012. Major components are: (1) raise broadband awareness, (2) train targeted populations on basic computer skills, (3) provide free or low-cost computers for those who finish training, (3) provide free broadband access for eligible participants, (4) provide specialized content for targeted populations, (5) provide free ongoing support, and (5) create jobs with Pepco and the public library for low-income and at-risk youth. Please see attachments for milestone details. The library's detailed Microsoft Project Plan is a rough draft, particularly for class schedules, but it will provide an idea of how/where classes will be scheduled and delivered.



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Potential DCPL project challenges include schedule slippage due to procurement, and demand exceeding supply for classes, computers or broadband access. To prevent schedule slippage, we plan to use DCPL’s independent procurement authority. If demand exceeds supply for classes, we will consider increasing the number of classes using volunteer trainers and trained librarians. If demand exceeds supply for computers, we can offer extended sessions at library computer centers for class graduates, and work with computer suppliers to increase supply. If demand exceeds supply for broadband, we will negotiate with suppliers to offer more free or low-cost broadband. Please see attached risk matrix for more information.

CCDC potential project challenges include schedule slippage due to recruitment timeframes, coordination of broadband providers' and participants' schedules to have home service installed, and job placement. In addition, there is the challenge of convincing participants to continue to use broadband services after free subscriptions expire.

In anticipation of recruitment and job placement barriers, CCDC has formed partnerships with numerous agencies throughout southeast Washington, DC. CCDC has been involved in job training and placement throughout its tenure, and the community college’s full resources are being devoted to this project and job placement.

With regard to broadband installation and marketing service to participants, CCDC has contracted with Corstar Communications for an educational support line to coordinate installations and reinforce the value of broadband use to participants. Corstar has experience with similar programs in New York and Florida and has already met with Comcast in D.C. In addition, Corstar is working with Comcast to create a specific “stay-on” offer for participants once they complete the program. Further, the CCDC model of enrolling participants through its curriculum management system and providing rich media and video-based training modules enables participants to access the same skills training through broadband connections, which will encourage them to continue broadband use after program completion.

**52. SPIN Number**

No SPIN numbers are applicable to this project.

## **K. Environmental Questionnaire**



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

Yes

- Digital media center
- Refurbished desktop computers
- Thumb drives
- Educational handouts

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

Yes

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

No

No construction, remodeling or renovation will be required for existing facilities.

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

Yes

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

Yes

Training, teaching and meeting facilitation are one of the foundations of this project.

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



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No

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

No



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### Uploads

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

Upload Name	File Name	Uploaded By	Uploaded Date
Management Team Resumes and Organization Chart	100315 SBA Mgmt Resumes and Org Chart.pdf	Baharu, Tegene	03/15/2010
Government and Key Partnerships	100315 5117 SBA Partners.pdf	Baharu, Tegene	03/15/2010
Historical Financial Statements	100314 5117-SBA Historical Financials Package.pdf	Baharu, Tegene	03/14/2010
Community Anchor Institutions Detail	100315 5117 SBA Community Anchor Attachment.xls	Baharu, Tegene	03/15/2010
BTOP Certifications	100314 5117-SBA BTOP Certification.pdf	Baharu, Tegene	03/14/2010
Detailed Budget	100315 5117-SBA DetailedBudget Final.xls	Baharu, Tegene	03/15/2010
SF424 A Budget	100315 5117-SBA SF-424A Form Submitted.pdf	Baharu, Tegene	03/15/2010
SF424 B Assurances - Non-Construction	100314 5117-SBA 424-B Assurances.pdf	Baharu, Tegene	03/14/2010



**Broadband USA**

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Supplemental Information	100315 SBA Project Timeline.pdf	Baharu, Tegene	03/15/2010