

Application for Federal Assistance SF-424

Version 02

*1. Type of Submission <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	*2. Type of Application <input type="checkbox"/> New <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Revision	*If Revision, select appropriate letter(s): E-- Revised Match * Other (Specify) E-- Revised Match
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*3. Date Received: 10/28/2009	4. Application Identifier:
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5a. Federal Entity Identifier:	*5b. Federal Award Identifier: 11-50-M09011
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State Use Only:

6. Date Received by State:	7. State Application Identifier:
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8. APPLICANT INFORMATION:

* a. Legal Name: District of Columbia OCTO

* b. Employer/Taxpayer Identification Number (EIN/TIN): 1536001121	*c. Organizational DUNS: 022555952
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d. Address:

*Street1: 441 4th Street
Street 2:
*City: Washington
County:
*State: DC
Province:
Country:

*Zip/ Postal Code: 20001

e. Organizational Unit:

Department Name:	Division Name:
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f. Name and contact information of person to be contacted on matters involving this application:

Prefix: First Name: Barney
Middle Name:
*Last Name: Krucoff
Suffix:

Title:

Organizational Affiliation:

*Telephone Number: 202-727-9307	Fax Number:
*Email: barney.krucoff@dc.gov	

Application for Federal Assistance SF-424

Version 02

9. Type of Applicant 1: Select Applicant Type: A. State Government

Type of Applicant 2: Select Applicant Type:

- Select One -

Type of Applicant 3: Select Applicant Type:

- Select One -

*Other (specify):

*10. Name of Federal Agency:

Department of Commerce

11. Catalog of Federal Domestic Assistance Number:

11.558

CFDA Title:

SBDD

*12. Funding Opportunity Number: 0660-ZA29

*Title:

Recovery Act - State Broadband Data and Development Grant Program

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

District of Columbia

*15. Descriptive Title of Applicant's Project:

District of Columbia Broadband Mapping and Planning

Attach supporting documents as specified in agency instructions.

Application for Federal Assistance SF-424

Version 02

16. Congressional Districts Of:

*a. Applicant DC-001

*b. Program/Project: DC-001

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

*a. Start Date: 10/26/2009

*b. End Date: 10/26/2014

18. Estimated Funding (\$):

*a. Federal \$1,493,286.00

*b. Applicant \$377,903.00

*c. State

*d. Local

*e. Other

*f. Program Income

*g. TOTAL \$1,871,189.00

***19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

a. This application was made available to the State under the Executive Order 12372 Process for review on

b. Program is subject to E.O. 12372 but has not been selected by the State for review.

c. Program is not covered by E.O. 12372

*20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)

Yes No

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

**I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: *First Name: Barney

Middle Name:

*Last Name: Krucoff

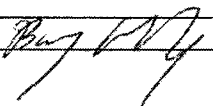
Suffix:

*Title: GIS Manager

*Telephone Number: 202-7279307

Fax Number:

*Email: barney.krucoff@dc.gov

*Signature of Authorized Representative: 

Date Signed: 7-1-2010

Application for Federal Assistance SF-424

Version 02

*1. Type of Submission <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	*2. Type of Application <input type="checkbox"/> New <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Revision	*If Revision, select appropriate letter(s): A * Other (Specify) A
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*3. Date Received: 10/28/2009	4. Application Identifier:
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5a. Federal Entity Identifier:	*5b. Federal Award Identifier: 11-50-M09011
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Country: *Zip/ Postal Code: 20001

e. Organizational Unit:

Department Name:	Division Name:
------------------	----------------

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: First Name: Barney
Middle Name:
*Last Name: Krucoff
Suffix:

Title:

Organizational Affiliation:

*Telephone Number: 202-727-9307	Fax Number:
*Email: barney.krucoff@dc.gov	

Application for Federal Assistance SF-424

Version 02

9. Type of Applicant 1: Select Applicant Type: A. State Government

Type of Applicant 2: Select Applicant Type:
- Select One -

Type of Applicant 3: Select Applicant Type:
- Select One -

*Other (specify):

*10. Name of Federal Agency:
Department of Commerce

11. Catalog of Federal Domestic Assistance Number:
11.558

CFDA Title:
SBDD

*12. Funding Opportunity Number: 0660-ZA29

*Title: Recovery Act - State Broadband Data and Development Grant Program

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):
District of Columbia

*15. Descriptive Title of Applicant's Project:
District of Columbia Broadband Mapping and Planning

Attach supporting documents as specified in agency instructions.

Application for Federal Assistance SF-424

Version 02

16. Congressional Districts Of:

*a. Applicant DC-001

*b. Program/Project: DC-001

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

*a. Start Date: 10/26/2009

*b. End Date: 10/26/2014

18. Estimated Funding (\$):

*a. Federal \$3,875,559.00

*b. Applicant \$971,214.00

*c. State

*d. Local

*e. Other

*f. Program Income

*g. TOTAL \$4,846,773.00

***19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- a. This application was made available to the State under the Executive Order 12372 Process for review on
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E.O. 12372

*20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)

Yes No

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

**I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: *First Name: Barney

Middle Name:

*Last Name: Krucoff

Suffix:

*Title: GIS Manager

*Telephone Number: 202-7279307

Fax Number:

*Email: barney.krucoff@dc.gov

*Signature of Authorized Representative: *Barney Krucoff*

Date Signed: 7-1-2010

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			
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)	
1. SBDD	11.558	\$	\$	\$ 1,493,286.00	\$ 377,903.00	\$ 1,871,189.00	
2.						0.00	
3.						0.00	
4.						0.00	
5. Totals		\$ 0.00	\$ 0.00	\$ 1,493,286.00	\$ 377,903.00	\$ 1,871,189.00	
SECTION B - BUDGET CATEGORIES							
6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY					Total (5)	
	(1)	Federal	(2)	Non-Federal	(3)		
a. Personnel	\$	120,000.00	\$	227,903.00	\$	\$ 347,903.00	
b. Fringe Benefits						0.00	
c. Travel						0.00	
d. Equipment		131,247.00				131,247.00	
e. Supplies						0.00	
f. Contractual		1,242,039.00				1,242,039.00	
g. Construction						0.00	
h. Other				150,000.00		150,000.00	
i. Total Direct Charges (sum of 6a-6h)		1,493,286.00		377,903.00	0.00	0.00	1,871,189.00
j. Indirect Charges						0.00	
k. TOTALS (sum of 6i and 6j)	\$	1,493,286.00	\$	377,903.00	\$ 0.00	\$ 0.00	\$ 1,871,189.00
7. Program Income	\$		\$		\$		\$ 0.00

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SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. SBDD	\$ 377,903.00	\$	\$	\$ 377,903.00	
9.				0.00	
10.				0.00	
11.				0.00	
12. TOTAL (sum of lines 8-11)	\$ 377,903.00	\$ 0.00	\$ 0.00	\$ 377,903.00	
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 0.00	\$	\$	\$	\$
14. Non-Federal	0.00				
15. TOTAL (sum of lines 13 and 14)	\$ 0.00	\$ 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.SBDD	\$	\$	\$	\$	
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: \$1,493,286		22. Indirect Charges:			
23. Remarks:					

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			
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)	
1. SBDD	11.558	\$	\$	\$ 3,875,559.00	\$ 971,214.00	\$ 4,846,773.00	
2.						0.00	
3.						0.00	
4.						0.00	
5. Totals		\$ 0.00	\$ 0.00	\$ 3,875,559.00	\$ 971,214.00	\$ 4,846,773.00	
SECTION B - BUDGET CATEGORIES							
6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY					Total (5)	
	(1)	Federal	(2)	Non-Federal	(3)		
a. Personnel	\$	144,505.00	\$	409,491.00	\$	\$ 553,996.00	
b. Fringe Benefits		31,791.00		90,088.00		121,879.00	
c. Travel						0.00	
d. Equipment		53,000.00		158,000.00		211,000.00	
e. Supplies		100,000.00				100,000.00	
f. Contractual		2,623,383.00		148,635.00		2,772,018.00	
g. Construction						0.00	
h. Other		810,000.00		165,000.00		975,000.00	
i. Total Direct Charges (sum of 6a-6h)		3,762,679.00		971,214.00	0.00	0.00	4,733,893.00
j. Indirect Charges		112,880.00					112,880.00
k. TOTALS (sum of 6i and 6j)	\$	3,875,559.00	\$	971,214.00	\$ 0.00	\$ 0.00	\$ 4,846,773.00
7. Program Income	\$		\$		\$		\$ 0.00

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Standard Form 424A (Rev. 7-97)
Prescribed by OMB Circular A-102

SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. SBDD	\$ 971,214.00	\$	\$	\$ 971,214.00	
9.				0.00	
10.				0.00	
11.				0.00	
12. TOTAL (sum of lines 8-11)	\$ 971,214.00	\$ 0.00	\$ 0.00	\$ 971,214.00	
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 0.00	\$	\$	\$	\$
14. Non-Federal	0.00				
15. TOTAL (sum of lines 13 and 14)	\$ 0.00	\$ 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. SBDD	\$	\$	\$	\$	
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: \$4,733,892		22. Indirect Charges: \$112,880			
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 (0348-0040), Washington, DC 20503.

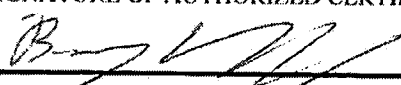
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

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 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"> 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 cost) to ensure proper planning, management and completion of the project described in this application. 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 award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives. 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. 4. 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. 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). 6. Will comply with all Federal statutes relating to nondiscrimination. 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 | <ol style="list-style-type: none"> 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 (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 VII 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. 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. 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. |
|--|---|

<p>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 subagreement.</p> <p>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.</p> <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 flood plains 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 will 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 all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.</p>
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SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE GTS Manager
APPLICANT ORGANIZATION District of Columbia OCTO	DATE SUBMITTED 7-1-10

Supplemental Application of the District of Columbia
to the National Telecommunication and Information Administration
State Broadband Data and Development (SBDD) Grant Program

Opportunity Number **0660—ZA29**
Catalog of Federal Domestic Assistance Number **11.558**

Applicant Organization: Office of the Chief Technology Officer (OCTO)

Key Contact: Kenneth Boley, Director
Title: Intergovernmental Initiatives
Phone: (202) 478-5879
Email: Kenneth.Boley@dc.gov

Secondary Contact: Barney Krucoff
Title: Geospatial Technology Manager
Phone: (202) 727-9307
Email: Barney.Krucoff@dc.gov

Cooperating District Organizations: Byte Back
Cricket Communications
DC Department of Employment Services
DC Department of Parks and Recreation
DC Public Library
DC Public Service Commission
First Time Computers
One Economy

SBDD Grant Name: DC Broadband Mapping and Planning Grant
Supplemental

NTIA Grant Number: 11-50-M09011

Initial Grant Awarded: \$ 1,493,286

Add'l Grant Requested: \$ 3,875,559

Timestamp: As of: June 29, 2010 6:15 PM Eastern

1. Project Abstract.

On July 30, 2009, Mayor Adrian M. Fenty issued Mayor's Order 2009-132 designating the Office of the Chief Technology Officer ("OCTO") as the District of Columbia's "eligible entity" authorized to apply for National Telecommunications and Information Agency (NTIA) grants. On September 30, 2009, NTIA awarded SBDD Grant 11-50-M09011 in the amount of \$1,493,286 to the District—\$993,286 in mapping and \$500,000 in planning. Through June 2010, OCTO has complied with all program and project initiatives funded to date in the initial grant award, including performance, reporting and administration. OCTO submitted the initial mapping data per NTIA specification, and will submit updates as required. In this supplemental application to the SBDD grant program, the District seeks an additional \$3,875,559 to support improved and expanded activities in the areas of:

- \$1,177,530: Data collection, integration, verification & display for project years 3 - 5;
- \$984,680 : Technical assistance;
- \$736,908: Application usage and development project; and
- \$976,440: Computer ownership and Internet usage.

With the supplemental mapping funds, the District will manage recurring data collection for an additional three years. The District will also improve provider identification, provider feedback, and automation. In addition, the District is proposing to pursue three "future leading practices" as part of its ongoing data collection: inclusion of resellers, integration of public data sources, and inclusion of free public WiFi. Finally, the District will field-check service areas of several WiFi hot spots and calibrate a propagation model using LiDAR data.

In the non-mapping activities category, the District proposes a technical assistance project to organizations to help them develop and sustain programs that support digital literacy and broadband adoption. This project will include creating and making publicly available a catalog of digital literacy and computer training programs and other resources; sustaining the biennial continuation of the DC Community Broadband Summit; coordinating opportunities to foster broadband adoption; and conducting public education and outreach campaigns.

Under the project for addressing application content and usage, the District will develop applications that enable ease of content sharing, enhancement, and accessibility. Specifically, the District will adopt the Shareable Content Object Reference Model (SCORM) to ease re-use of District-developed content; increase content accessibility by creating both video as well as non-video content that can be keyword searched, linked to additional content—including step-by-step instructions and teacher notes—and made vastly more interactive; deploying videoconferencing and video relay service at libraries to make training and technical support more accessible; and developing versions of the District's most widely used and critical online services so that they may be fully accessible on broadband mobile devices.

Finally, the District will undertake a project focused on expanding computer ownership and Internet usage. This project, relying heavily on the technical Assistance project, proposes to provide modest sub-grants to small non profit organizations to support their efforts to provide training, content, hardware and broadband access. Completion and evaluation of technical-assistance work is a requirement for any organization to receive such a sub-grant. In addition to receiving the required technical assistance, recipient organizations will have to measure the effectiveness of the programs subsidized by this project.

2. Revised Form 424.

A Form 424 revised to include this supplementary funding request is attached as Appendix A.

3. Detailed Budget.

The Detailed Budget is attached as Appendix B.

4. Budget Narrative.

Budget Summary:

EXISTING BUDGET	Federal	Match	Total	REQUESTED BUDGET	Federal	Match	Total
Personnel Salaries	120,000	227,903	\$347,903	Personnel Salaries	144,505	409,491	553,996
Fringe Benefits	0	0	\$0	Fringe Benefits	31,791	90,088	121,879
Travel	0	0	\$0	Travel	-	-	-
Equipment	131,247	0	\$131,247	Equipment	53,000	158,000	211,000
Supplies	0	0	\$0	Supplies	100,000	-	100,000
Subcontracts	1,242,039	0	\$1,242,039	Subcontracts	2,623,383	148,635	2,772,018
Construction	0	0	\$0	Construction	-	-	-
Other	0	150,000	\$150,000	Other	810,000	165,000	975,000
Total Direct Costs	\$1,493,286	\$377,903	\$1,871,189	Total Direct Costs	3,762,678	971,214	4,733,892
Total Indirect Costs	\$0	\$0	\$0	Total Indirect Costs	112,880	-	112,880
Total Costs	\$1,493,286	\$377,903	\$1,871,189	Total Costs	\$3,875,559	\$971,214	\$4,846,773
% Federal Share	79.80%			% Federal Share	79.96%		
% Applicant Share		20.20%		% Applicant Share		20.04%	

Existing Budget:

The existing budget is as awarded by NTIA, however, the District’s match has been reduced to reflect a two year rather than five year project. This avoids any potential double counting between the original grant match and the supplemental match. The District’s original proposed match for the existing project was \$948,481. That has been reduced \$377,903 by prorating personnel costs to eliminate years 3,4, and 5 and reducing the value of in-kind data contribution from \$550,000 to \$150,000.

Personnel Costs and Fringe Benefits:

MAPPING (NEW FEDERAL REQUEST ONLY)	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total
Personnel Salaries					
Provider Outreach Manager PSC (Cary Hinton) (2 months per year at \$54.79 per hour) *	0	17,807	17,807	17,807	\$53,420
PSC Staff Provider Relations (Virgil Young) (4 months per year @ \$46.71 per hour) *	0	30,362	30,362	30,362	\$91,085
* Includes work on "future leading practices" of including resellers and employing government records. DC is already using government records and including resellers will start in year 2 with existing funds.	0	0	0	0	\$0
Total	0	48,168	48,168	48,168	\$144,505
Fringe Benefits 22% on DC FTE Direct Labor					
Provider Outreach Manager PSC (Cary Hinton)	0	3,917	3,917	3,917	\$11,752
PSC Staff Provider Relations (Virgil Young)	0	6,680	6,680	6,680	\$20,039
	0	0	0	0	\$0
Total	0	10,597	10,597	10,597	\$31,791

The only personnel costs are for the staff at the Public Service Commission. The PSC is funded by fees on regulated utilities and is prohibited by law from redirecting funds and thus cannot participate in matching. PSC staff manages all provider relations and data gathering for the mapping project. The PSC’s work starts with making sure that all providers have been identified. Interaction with providers is often very formal written correspondence including non-disclosure agreements and incoming confidential data. The PSC staff have the specialized skills and contacts to work needed.

The fringe benefits reflect the District’s standard 22% overhead on full time employee direct labor.

Equipment:

Equipment					
Frameworkd License	24,000	0	0	0	\$24,000
Video Conferencing	6,000	0	0	0	\$6,000
Video Relay Service Installation	23,000	0	0	0	\$23,000
Total	53,000	0	0	0	\$53,000

The only proposed equipment costs are associated with the application development project. Frameworkd or equivalent software will increase content accessibility by indexing both video as well as non-video content so it can be keyword searched and linked to additional content. This will make the DC Public Library content vastly more interactive and approachable. The video equipment will allow that interactive content, now indexed and easier to find, to be more widely distributed.

Supplies:

Supplies					
Coordination and Outreach Materials	25,000	25,000	25,000	25,000	\$100,000
					\$0
Total	25,000	25,000	25,000	25,000	\$100,000

The proposed supply costs are for outreach materials. This includes the design and production of material that explains the benefits of computer and Internet usage to District residents and directs those residents to technical assistance programs.

Subcontracts:

The District sets ambitious goals for working with local, small, and disadvantaged businesses enterprises (LSDBE). OCTO has an Information Technology Staff Augmentation Contract (ITSA) that allows us to bring labor hour support from LSDBEs quickly. OCTO will make extensive use of this ITSA in support of all four proposed projects.

Mapping Subcontracts

Subcontracts					
Wireless Validation, By Drive Testing, Engineer (Annual Mobilization \$7,500, engineer rate \$650 per day, 1 Engineer for 2 months per year with vehicle, hardware and software) This firm will perform both the wireless drive testing DC has already initiated plus the data collection for WiFi hot stops future leading practice.	0	46,500	46,500	46,500	\$139,500
Radio Frequency Engineer to support future leading practice analysis of WiFi hot spots. (4 weeks per year at 150 / hour) (Work would begin in Yr2 with existing funds.)	0	24,000	24,000	24,000	\$72,000
GIS Analyst Full Time Contractors -TBD (1950 hours per year at \$65 per hour.) *	0	126,750	126,750	126,750	\$380,250
GIS Analyst 75% Time Contractors -TBD (1462 hours per year at \$65 per hour.) *	0	95,063	95,063	95,063	\$285,188
* Includes work on "future leading practices" of including resellers and employing government records. DC is already using government records and including resellers will start in year 2 with existing funds.	0	0	0	0	\$0
Total	0	292,313	292,313	292,313	\$876,938

Through ITSA, OCTO has access to radio frequency engineers who successfully designed and performed previous drive tests of wireless providers. Under the supplemental their work will be extended to include sampling of WiFi hot spots. The radio frequency engineer will then combine the WiFi data with LiDAR data to model the area served by public WiFi hot spots throughout the District.

The contact GIS analysts are the heart of the mapping program. Their duties include checking provider Web sites, processing data from speed tests, canvassing community anchor institutions, quality control, creation of metadata, managing data feeds, and preparing transmittals to NTIA.

Non-mapping Subcontracts

Subcontracts					
Outreach and assistance					
Resource Catalog - Contractor (\$80.00 per/hr for 500 hours)	40,000	0	0	0	\$40,000
Broadband Coordinator - Contractor (\$80.00 per/hr for 1000)	120,000	120,000	120,000	120,000	\$480,000
Business Analyst(\$65.00per/hr @ 350hrs per /yr)	22,750	0	0	0	\$22,750
Community Broadband Liasion - Contractor (\$120.00per/hr for 200 hours per year)	36,000	36,000	36,000	36,000	\$144,000
Tech Assistance/Outreach Coordinator - Contactor (\$70.00 per/hr for 1000)	105,000	105,000	105,000	105,000	\$420,000
Application Development					
Database Admin(\$90.00 per/hr @ 100hrs per/yr)	9,000	0	0	0	\$9,000
Designer(\$85.00per/hr @ 53 hrs per/yr)	4,505	0	0	0	\$4,505
Project Manager(\$70.00per/hr @ 240 hrs per/yr)	16,800	0	0	0	\$16,800
SCORM Web Architect(\$100.00per/hr @ a 1000hrs per/yr)	100,000	100,000	100,000	0	\$300,000
SCORM Web Developer(\$95.00per/hr @ a 1000hrs per/yr)	95,000	95,000	95,000	0	\$285,000
Tester(\$130.00hr @ 53hrs per/yr)	6,890	0	0	0	\$6,890
Web Developer 1(\$70.00per/hr @ 250hrs/ per/yr)	17,500	0	0	0	\$17,500
Total	573,445	456,000	456,000	261,000	1,746,445

The non-mapping subcontractors can be divided into two groups. The first group is contractors supporting public outreach and education. For continuity and economies-of-scale these subcontractors are used across all non-mapping projects. Contractors supporting application development (Database Administrator, Designer, Project Manager, SCORM Architect, SCORM Developer, Tester, and Web Developer) are used exclusively to develop new interactive content and make existing District government content more accessible.

Other Mapping

Other					
Wire Line Validation Commercial Subscriber Data (Commercial data subscription \$7,500 every six months)	0	15,000	15,000	15,000	\$45,000
Software Maintenance \$15,000 per year (ESRI Software purchased year 1. ArcGIS Server Advanced Enterprise for Windows 4 Cores License)	0	15,000	15,000	15,000	\$45,000
Total	0	30,000	30,000	30,000	\$90,000

OCTO has found that purchasing licensed broadband subscriber data is a cost effective wire line validation technique. OCTO will get a refresh of this data every six months. As part of the existing award, OCTO purchased ArcGIS server. This will cover maintenance on that software.

Other Non-Mapping

Other					\$0
Outgoing grants (3 per year at \$50,000 per grant)	150,000	150,000	150,000	150,000	\$600,000
	0	0	0	0	\$0
	0	0	0	0	\$0
Total	150,000	150,000	150,000	150,000	\$600,000

These outgoing grants are the backbone of the computer and internet usage assistance project. The grants under this project will be limited only to those organizations with annual operating budgets under \$500,000 and will be no larger than \$50,000 each. Grants will be smaller for organizations with smaller budgets. To receive a grant, organizations will have to receive technical assistance from OCTO (as set forth in the technical-assistance project described above) and pass a technical-assistance review performed by OCTO at which the organization must demonstrate its readiness to receive and implement the grant.

5. Project Narrative.

a. Summary of Funds Awarded and Requested.

	Total Proj Cost	Federal Funds	Non-Fed Funds
Initial Grant	\$ 2,441,767*	\$ 1,493,286	\$ 948,481 *
>mapping	\$ 1,941,767	\$ 993,286	\$ 948,481
>non-mapping	\$ 500,000	\$ 500,000	\$ 0
Supplemental Grant Proposal	\$ 4,846,773	\$ 3,875,559	\$ 971,214
>mapping	\$ 1,177,530	\$ 1,238,314	
>non-mapping		\$ 2,698,028	
>>Tech Assistance		\$ 984,680	
>>Application Dev		\$ 736,908	
>>Comp and Internet		\$ 976,440	

*Being revised to remove in-kind data contributions.

b. Description of Currently Funded Activities.

The District’s initial SBDD grant request provided funding for data collection, integration, verification and display activities. These tasks included the initial collection and validation of data; the creation of internal maps, GIS infrastructure and internal processes for maintaining this data; the submission of required data to NTIA in formats specified; and the systems and processes required for providing NTIA with semi-annual updates for 2 years.

In addition, NTIA provided planning funds for a variety of activities. First, the planning funds supported a statistical survey on broadband adoption. The Planning funds also support the creation of a District of Columbia Mapping Advisory Committee, chaired by the District’s Chief Technology Officer and including representation from other District Government agencies, non-governmental organizations and broadband providers, to advise OCTO in implementing the SBDD grant and pursuing grant-funded outreach activities both to increase awareness of

broadband initiatives and to encourage adoption of broadband technologies. The funds provided in the initial grant were required to be spent by 2014.

c. Project Descriptions

In this supplemental application, the District requests funds for the following four projects:

- i. Recurring data collection, integration, verification and display (existing project)
 - Funds already awarded: \$ 993,286
 - Additional Federal funds requested: \$ 1,177,530
- ii. Technical Assistance (existing project)
 - Funds already awarded: \$300,000
 - Additional Federal funds requested: \$ 984,680
- iii. Application Usage and Development Project (New Project)
 - Funds already awarded: \$ 0
 - Additional Federal funds requested: \$ 736,908
- iv. Improving computer ownership and Internet usage (Existing Project)
 - Funds already awarded: \$ 200,000
 - Additional Federal funds requested: \$ 976,440

Of these four projects, all except the third received funds in the original grant award, and the District seeks additional funds to extend those projects. The third is a new project, not proposed in the original application.

Project descriptions for each of these four projects are provided below.

i. Recurring Data Collection, Integration, Verification and Display

Funds Awarded: \$ 993,286

Funds Requested: \$ 1,177,530

Data collection, integration, verification, and display are ongoing activities. The District understands that the State Broadband Data and Development Grant Program Notice of Funds Availability (NOFA) and the District response as accepted by NTIA remain in force. This supplemental application only discusses practices that the District proposes to add or modify.

Data-Gathering Methodology

The District succeeded in gathering data for the first round of NTIA submission from 32 broadband providers, including all major wire line and wireless providers serving the city. This success can largely be attributed to the District of Columbia Public Service Commission (PSC). The PSC was able to leverage its records and industry contacts to identify providers. The PSC's regulatory authority and experience were also very helpful. Other things being equal, a letter from the chairman of the PSC gets more attention from providers than a similar letter from another District of Columbia government entity. The PSC will continue to take the lead in gathering the data and managing provider relations, and the OCTO will continue to integrate and verify the data. Although we are maintaining our roles, improvements can be made. We will be concentrating on improving provider identification and tracking, provider feedback, and automation.

- Provider identification and tracking: Even with the PSC's experience, the relationships among current and former business names, "doing business as" names, and FID numbers are confusing. Currently, the PSC is using a spreadsheet to track this. OCTO and the PSC will develop an improved questionnaire and database to track these relationships. We will also assign a new primary key for providers. If NTIA and/or FCC will be doing this nationally, the District will follow their lead. If not, our database/ID will only apply locally. (Additionally, provider identification will be expanded to include resellers. Please see future leading practices below.)
- Provider feedback: Starting with the next round of data requests in July 2010, the District will include the following with each request based on the provider's previous submission:
 - A service territory map.
 - A corresponding spreadsheet table with all NTIA-required attributes and highlighting any suspect or null values.
 - A map of subscriber counts based on the provider's most recent Form 477.

Providers will be encouraged to review and provide feedback on any updates to their availability and adoption data already submitted to the District.

- Automation: During the District's first round of data collection (the same will largely be true for the second round), the PSC's "correspondence" with providers was just that,

“correspondence,” usually by mail and e-mail. A secure FTP site was also used on occasion.

Clearly the District can use the Web to make these interactions with providers more organized and regular. We have selected a vendor who is developing similar Web sites for the states of Washington, Oklahoma, Connecticut, and Georgia. Based on the best practices in other states, and inclusive of the Web-display capabilities previously proposed to NTIA, the District will be contracting for the development of Web sites that serve the following functions:

- Secure provider submission (tracks provider interaction with the PSC allowing both sides to see various versions of correspondence and submitted documents/data).
- Provider verification (allows providers to check the status of their submissions and verify and mark up their processed data showing service areas).
- Community anchor institution survey (capture information from CAI operators per NOFA requirements).

Processes for Data Integration

OCTO has hired two contract GIS Analysts who check in and process data from providers. OCTO has already adopted the NSGIC geodatabase model and plans to keep current with any updates.

As with the PSC data-gathering process described above, OCTO data integration processes can be improved with better tracking and status reporting. The same Web site described above will be used by OCTO to track the status of each submission and to share that information with the contributing provider. The Web site will report status as follows:

- Check-in (New data has arrived; it is assigned a submission tracking number, it is scanned for viruses, and it is given an initial review to ensure that each major component is present.)
- Processing (GIS Analysts process the information into its final form. Processing steps vary based on the type of data submitted [wireless, wire line, or middle-mile] and the nature of the data provided [GIS data, Paper/PDF, data table, etc].)
- Verification (During this stage, data from providers are compared with data from other sources. Discrepancies are noted and sent to the contributing provider for comment. Validation techniques vary by the type of data submitted [wireless, wire line, or middle-mile]. See more on validation below.)
- Amalgamation/Documentation (Unless a provider’s submission is conclusively invalidated and the issue cannot be resolved with the contributing provider, it is included in the amalgamation phase. Until this stage, OCTO handles each submission separately. During this stage, all successful submissions are appended to the latest version of the NSGIC geodatabase, and FCC-requested transmittal forms are prepared.)
- Quality Review (The amalgamated data are given a final quality review by a different GIS Analyst.)
- Transmittal (Once past the quality review, the data are submitted to NTIA/FCC via secure FTP.)

Verification Methodology

The District has made changes to its verification methodology since its original proposal. In the original proposal, we identified five primary validation techniques:

- Field data collection (wireless): As proposed, the District employed drive testing of major wireless providers. We succeeded in using a single vehicle to simultaneously speed-test and map multiple wireless providers. We believe we have a best practice in wireless drive testing, and we are eager to share our methods with other states.
- Field data collection (wire line): The District proposed sending out field survey crews to review middle-mile and last-mile wire line infrastructure. To date, we have not pursued this technique, and the middle-mile connection points we have submitted to NTIA are unverified. Why? First, NTIA dropped the last-mile requirement. Second, we did not succeed in gathering a significant amount of middle-mile data. To date, spending government money to verify what we have collected does not seem to represent a good value. We would like to work with NTIA to better understand the purpose of and requirements for middle-mile data and to get better participation from providers before sending crews into the field.
- Comparison with government records: As proposed, the District, through the PSC, has made extensive use of FCC Form 477 data. Importantly, the Form 477 provides subscriber counts and is very useful for measuring the adoption of broadband service. The District has been very successful in getting Form 477 data from wire line providers, and we have been almost wholly unsuccessful in getting the same information from wireless providers. The Form 477 has been helpful for wire line verification in the following ways:
 - Verifying that we have contacted the correct providers.
 - Comparing the technology of transmission and speed of transmission between what was reported to the FCC and what was submitted by the provider.
 - Comparing the geography reported to the FCC in Census tracts with geography submitted to the District in Census blocks, addresses, or territory maps. Where discrepancies have been found, the providers have been asked for more information.
- Checking provider Web sites: The idea was to compare provider Web sites with the data they submitted and question any discrepancies. We have done some of this, but it is more time consuming and less helpful than originally envisioned. Provider Web sites often vary in quality, and you cannot run batches of data against them. In practice, we use this method sparingly, mostly while trying to understand a provider's submission.
- Comparison with commercial data: Although not part of our original proposal, the District purchased a database of broadband subscribers from a commercial mailing list company. The dataset is then geocoded and used to crosscheck data coming from providers. Where discrepancies have been found, the providers have been asked for more information.

Future Leading Practices

The District is proposing to pursue three “future leading practices” as part of its ongoing data collection. The District has sufficient funds in our original award to implement these practices in project year 2. We are

- Inclusion of Resellers: One the District’s primary policy goals is to increase the adoption of broadband, particularly within lower-income neighborhoods. As stated in our original response to the NOFA, one of our aims is to create a “state” broadband map that provides a consumer who enters an address with a link to all the potential broadband providers for that address. There is no logical reason to exclude resellers. Finally, many facilities-based providers are also resellers and not acknowledging this fact can lead to inconsistencies between how the providers present themselves to consumers and how they are portrayed on the national and state broadband maps.

The District’s plan to included resellers is not elaborate. Adding resellers will be accomplished by:

- Reaching out to major providers, such as Verizon, and requesting contact information for their resellers.
 - Following up with any resellers we identify.
 - Expanding our provider questionnaire to allow resellers to report their services and territories.
 - Working with the other states and NTIA to expand the NSGIC geodatabase model so that it is possible to distinguish resellers from facilities-based providers.
- Integration of Public Data Sources: The District has already been successful in collecting FCC Form 477 data directly from broadband providers and using that data to make estimates of broadband adoption at the Census tract level. We believe this is exactly the type of data the District needs to derive effective place-based policies to address its digital divide. The Form 477 is also a useful verification tool as described above. By collecting and processing Form 477 data itself, the District is able to get the data approximately one year sooner than it could get less refined subscriber data from the FCC. We intend to continue this practice and hopefully work with the FCC to improve it.
 - Free Public WiFi: The District started including free public WiFi hot spots as part of its first data submission. Currently we are including these hot spots as community anchor institutions. However, NTIA has specified that “awardees that wish to submit this information to NTIA should provide the service area and associated information in the same format as it does for other fixed wireless providers.” Currently the District does not know the service area of these hot spots.

The District is in receipt of LiDAR data from the National Geospatial-Intelligence Agency (NGA) and many of the nation’s 133 largest metropolitan areas can expect to have similar data. The District will field-check service areas of several WiFi hot spots and calibrate a propagation model using the LiDAR data. The LiDAR data and propagation model will then be employed to estimate and map the service territories of the remaining hot spots. We will document the procedure so that other jurisdictions can more easily do similar work with NGA data.

ii. Technical Assistance

Funds Awarded: \$ 300,000

Funds Requested: Additional \$ 984,680

Problem

Today, the District's residents—particularly in lower-income Wards—lag substantially in Internet use and broadband adoption. Shortage of funds for adequate public emphasis on education, training, and communication regarding the benefits and availability of Internet use is impeding broadband adoption.

Communities, businesses, and other stakeholders have insufficient information about District and other efforts to improve access and adoption across the city. Even long standing volunteer and non profit programs that provide digital literacy training are not well coordinated and do not frequently create or maintain the kinds of partnerships that might make better use of their scant resources. In short, local institutions, non profits, and government entities often lack the technical expertise to develop and sustain adoption-related initiatives.

Solution

The District proposes a number of activities within this project that will support and enhance programs that provide digital literacy training and access to broadband. These efforts particularly focus on using the District's "bully pulpit" to provide technical assistance, improve coordination and spur information dissemination among governmental entities, non profits and businesses focused on broadband adoption.

Technical Assistance. First and foremost, the District will provide technical assistance to organizations to help them develop and sustain programs that support digital literacy and broadband adoption. This assistance will include technology education for the organization and help in creating technology, staffing, and sustainability plans, as well as an evaluation system to help gauge program performance. The District will also provide training to the organization in grant compliance. As described below in relation to the project titled "Improving Computer Ownership and Internet Usage," satisfactory receipt and completion of this technical assistance is a requirement to obtain any financial support under that project.

Resources Catalog. The District will create and make publicly available a catalog of digital literacy and computer training programs and other resources, including computer centers open to the public. The resulting content will be publicized and marked via hyperlinks to permit individuals to more easily search for desired information. The catalog will improve broadband usage, and OCTO will periodically update it as new information becomes available.

DC Community Broadband Summit. The project will enable the biennial continuation of the DC Community Broadband Summit, following on the success of the initial summit held on February 26, 2010. (View the event Web site at

<http://octo.dc.gov/DC/OCTO/About+OCTO/Opportunities/DC+Community+Broadband+Summit>.) At this milestone event, the city’s Chief Technology Officer convened technology institutions, educational institutions, other for-profit and non profit institutions, advocates, and members of the community to organize, share information and ideas, and develop partnerships in a concerted and focused effort to accelerate broadband adoption. As at the first such event, future Summits will pay particular attention to developing effective strategies for dissemination of educational information.

Focus on Partnerships. The District’s focus on the development of partnerships will not be restricted to the biennial DC Community Broadband Summit events. Using its particular ability to bring together disparate governmental, for-profit and non profit entities, OCTO will facilitate and help solidify partnerships that leverage each partner’s skills and resources to create a more effective broadband adoption initiative. A good early example of such an initiative was a partnership in which a non profit provided digital literacy training to senior citizens at government locations, and program graduates received both a computer from a local refurbisher and a wireless broadband subscription from a participating carrier. Through this project, OCTO will work to identify and bring together additional diverse entities to create more such partnerships.

Cross-Government Coordinating Efforts. The District government, by coordinating and identifying opportunities for broadband support in diverse agencies’ areas of work, can do much to foster broadband adoption. Even agencies with little focus on broadband can support this effort. The Zoning Board, for example, may be able to provide incentives for developers to install free Internet in new buildings. As part of this project, OCTO will coordinate efforts across District agencies to effect policy changes to support broadband adoption.

Organizing and Educating. Finally, this project will conduct public education campaigns regarding broadband access, resource availability, Internet usage and broadband adoption. Building on efforts already funded in the District’s initial SBDD grant award, these messages will be delivered through traditional, non traditional and grass-roots methods, and will be aimed at individuals, community organizations, and other local constituents.

Outcomes and Benefits

As a result of this project, organizations and individuals in the District will enjoy detailed, easily accessible information on broadband adoption resources, training, and content—a benefit they have never before possessed. Something as simple as information regarding what resources exist and where to find them will make an enormous difference in encouraging Internet usage, skills development, and increased adoption of broadband services.

The project also will leverage the SBDD grant funds already awarded to the District to provide local leadership through the DC Community Broadband Summits. These events are extremely valuable for collecting and exchanging information and ideas, for identifying problems, and for brainstorming solutions to eliminate them. They also will serve to create a cohesive community from a loose collection of otherwise unconnected entities. This community-building also will foster—and be supported by—direct partnerships among governmental entities, non profits, and for-profit businesses that pool resources to provide a more comprehensive and effective approach to broadband adoption. This project will help identify and establish these partnerships. As a

result of bringing these diverse entities together, they will become better able to drive broadband adoption within their communities of focus.

An additional outcome and benefit of this project is that the broadband adoption community will not only be better coordinated, but also be better informed. The educational information dissemination and technical assistance aspects of this project will ensure that the community takes action and spends its limited resources in the most fact-based, effective way possible.

Cost:

TECHNICAL ASSISTANCE (NEW FEDERAL REQUEST ONLY)	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total
Personnel Salaries					
	0	0	0	0	\$0
	0	0	0	0	\$0
	0	0	0	0	\$0
Total	0	0	0	0	\$0
Fringe Benefits					
	0	0	0	0	\$0
	0	0	0	0	\$0
Total	0	0	0	0	\$0
Travel					
<i>In-State</i>	0	0	0	0	\$0
<i>Out-of-State</i>	0	0	0	0	\$0
Total	0	0	0	0	\$0
Equipment					
					\$0
					\$0
Total	0	0	0	0	\$0
Supplies					
Coordination and Outreach Materials	25,000	25,000	25,000	25,000	\$100,000
					\$0
Total	25,000	25,000	25,000	25,000	\$100,000
Subcontracts					
Resource Catalog - Contractor (\$80.00 per/hr for 500 hours)	40,000	0	0	0	\$40,000
Broadband Coordinator - Contractor (\$80.00 per/hr for 1000)	80,000	80,000	80,000	80,000	\$320,000
Tech Assistance/Outreach Coordinator - Contactor (\$70.00 per/hr for 1000)	70,000	70,000	70,000	70,000	\$280,000
Community Broadband Liasion - Contractor (\$120.00per/hr for 200 hours per year)	24,000	24,000	24,000	24,000	\$96,000
Total	214,000	174,000	174,000	174,000	\$736,000
<i>Construction</i>	0	0	0	0	\$0
Other					
Broadband Summit Cost (2X Annually @ \$15k per Summit for four years)	30,000	30,000	30,000	30,000	\$120,000
	0	0	0	0	\$0
Total	30,000	30,000	30,000	30,000	\$120,000
Total Direct Costs	269,000	229,000	229,000	229,000	\$956,000
Total Indirect Costs (District of Columbia Grant Administration 3%)	8070	6870	6870	6870	\$28,680
Total Costs	277,070	235,870	235,870	235,870	\$984,680

SBDD Purpose:

This project meets the SBDD Technical Assistance purpose because it provides technical expertise to institutions to help them develop and sustain programs that support broadband adoption; uses the government's core competencies to convene, support, coordinate and enhance digital literacy training and access to broadband; supports local coordinating activities; and provides educational information to communities, businesses and other stakeholders about efforts being undertaken to improve access and adoption across the District.

iii. Application Content and Usage Enhancements (New)

Funds Awarded: \$ 0

Funds Requested: \$ 736,908

Problem:

Today, content for digital literacy training is not sufficiently available and accessible to District of Columbia residents. In addition, such content is neither standardized nor easily shared among District agencies and other community training institutions. Finally, the District government's most widely used and critical online services and informational capabilities have not been developed for mobile use and thus are not fully accessible via mobile broadband devices.

Solution:

The District, through the District of Columbia Public Library (DCPL), will develop an applications framework for use in all interactive training, research, and transactions for customers and agency partners. This framework will, free of charge, enable ease of content sharing, enhancement, and accessibility. It will allow the library, a key educational and economic development agency, to standardize content packaging, deliver services, engage the public via broadband, and encourage adoption through exposure to Internet services and capabilities.

Use of this architectural, standards-based framework will enable the District, including DCPL, other agencies, and library partners to develop content that may be easily shared and re-used. The specifics of the framework to be utilized are:

- **SCORM-compliant e-learning resources.** Library customers are increasingly receiving training and education through library-based or home computers. The Shareable Content Object Reference Model (SCORM) is a technical specification that governs how this online training (or “e-learning”) is created and delivered to learners. SCORM dictates the technical specifications for creating e-learning materials (using software standards and languages like XML and ECMA script). Other organizations adhering to these standards will be able to reuse DCPL-developed content.
- **Enhanced online learning materials.** Online training materials consist of videos, slide presentations, and other content. When a live instructor is not available, the quality and interactivity of these materials becomes particularly important. Using Frameweld or equivalent software, DCPL will increase content accessibility by creating both video as well as non-video content that can be keyword searched, linked to additional content—including step-by-step instructions and teacher notes—and made vastly more interactive. In addition, the technology will allow the teachers to determine which online content an individual has accessed, thus aiding in tracking a student's work and performance.

- **Videoconferencing.** In order to make training and technical support more accessible to District residents, DCPL training staff will use videoconferencing to conduct virtual training and webinars (online job searching, for example). District small businesses, too, will be able to come to library locations to use the video conferencing capability. DCPL IT staff will use videoconferencing to provide remote technical support for both employees and customers as part of its pre-existing help desk function, and library customers who enroll in training will also have access to it.
- **Video relay service.** The District, home to Gallaudet University, has a large deaf population. Video Relay Service (VRS), a broadband video-telecommunication service, allows deaf, hard-of-hearing, and speech-impaired individuals to communicate over video telephones (and similar technologies) with hearing people in real-time, via a sign language interpreter. Some deaf or hard-of-hearing individuals do not have ready access to VRS and cannot communicate via telephone with family members, utility companies, credit card companies, etc. Through this project, VRS will become freely available at DCPL locations.

Also under this project, OCTO will also address a serious shortcoming in its most widely used and critical online services and informational resources—they are not fully accessible for mobile devices. These applications include the District’s online 311 Service Request Center (for all kinds of requests, including trash and graffiti removal, Department of Motor Vehicles services, street repairs, recreation program registration, etc.) and the towed vehicle locator. This project also includes DC Public Schools’ News & Events line, which students, teachers and parents will use on-the-go to find school calendar information, searchable events, news, photos, and real-time alerts—a very important application for mobile capability. Finally, OCTO will also create a mobile application to identify the user’s location and provide the ability to search for the closest location where a particular government service is available. These applications will expand the use of broadband to access basic government services, recognizing the explosive growth of mobile device ownership.

By developing and deploying these broadband applications, this project will accelerate the use and adoption of broadband in the District. Applications will be developed using traditional procurement practices.

Outcomes and Benefits

As a result of this project, content available via broadband will be improved, shared, and made more accessible, thus increasing the value of broadband adoption. This project will convert existing content to standardized SCORM-compatible content, easing and improving end-user self-administered training capabilities, and improving management, supervisory, and review capabilities. In addition, these standards will serve as the foundation for newly-developed content, consistent with the project’s goals. This project also increases the value to the user of existing and new online educational material through such features as indexing, which will enable the user to search through thousands of hours of video transcripts and watch only the content in which the user is interested.

This project will improve content and services accessibility by using broadband to improve communications between and among government agencies and their customers. On-demand

video conferencing and VRS for training, support, and general communications purposes will leverage the power of broadband to serve core governmental purposes. In addition, the use of these applications at District libraries will drive users to become broadband adopters.

Cost

APPLICATION DEVELOPMENT (NEW FEDERAL REQUEST ONLY)	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total
Personnel Salaries					
	0	0	0	0	\$0
	0	0	0	0	\$0
	0	0	0	0	\$0
	0	0	0	0	\$0
Total	0	0	0	0	\$0
Fringe Benefits					
	0	0	0	0	\$0
	0	0	0	0	\$0
	0	0	0	0	\$0
	0	0	0	0	\$0
Total	0	0	0	0	\$0
Travel					
<i>In-State</i>	0	0	0	0	\$0
<i>Out-of-State</i>	0	0	0	0	\$0
Total	0	0	0	0	\$0
Equipment					
Framework License	24,000	0	0	0	\$24,000
Video Conferencing	6,000	0	0	0	\$6,000
Video Relay Service Installation	23,000	0	0	0	\$23,000
Total	53,000	0	0	0	\$53,000
Supplies					
					\$0
					\$0
					\$0
Total	0	0	0	0	\$0
Subcontracts					
SCORM Web Developer(\$95.00per/hr @ a 1000hrs per/yr)	95,000	95,000	95,000	0	\$285,000
SCORM Web Architect(\$100.00per/hr @ a 1000hrs per/yr)	100,000	100,000	100,000	0	\$300,000
Project Manager(\$70.00per/hr @ 240 hrs per/yr)	16,800	0	0	0	\$16,800
Business Analyst(\$65.00per/hr @ 350hrs per /yr)	22,750	0	0	0	\$22,750
Designer(\$85.00per/hr @ 53 hrs per/yr)	4,505	0	0	0	\$4,505
Web Developer 1(\$70.00per/hr @ 250hrs/ per/yr)	17,500	0	0	0	\$17,500
Tester(\$130.00hr @ 53hrs per/yr)	6,890	0	0	0	\$6,890
Database Admin(\$90.00 per/hr @ 100hrs per/yr)	9,000	0	0	0	\$9,000
	0	0	0	0	\$0
Total	272,445	195,000	195,000	0	\$662,445
<i>Construction</i>	0	0	0	0	\$0
Other					
	0	0	0	0	\$0
	0	0	0	0	\$0
	0	0	0	0	\$0
Total	0	0	0	0	\$0
Total Direct Costs	325,445	195,000	195,000	0	\$715,445
Total Indirect Costs (DC Contact Administration 3%)	9763	5850	5850	0	\$21,463
Total Costs	335,208	200,850	200,850	0	\$736,908

SBDD Purpose: This project meets the SBDD purpose of application usage and development because it will support accelerated broadband application development and usage in the key government area of education and job training.

iv. Improving Computer Ownership and Internet Usage

Funds Awarded: \$ 200,000

Funds Requested: Additional \$976,440

Problem

Many District residents lack computer resources, broadband access, and digital literacy training. As a result, broadband adoption in some communities is well below that in others. For example, the lower-income Wards 5, 7 and 8 lag well behind higher-income Wards 1, 2 and 3 in broadband adoption.

Solution

Building on the technical assistance provided through the technical-assistance project described above, the District under this project will provide modest grants (sub-grants) to local non profits with small annual operating budgets. These grants will support their efforts to provide training, content, hardware, and broadband access to their communities of focus.

Grants under this project will be limited only to those organizations with annual operating budgets under \$500,000 and will be no larger than \$50,000 each. Grants will be smaller for organizations with smaller budgets. To receive a grant, organizations will have to receive technical assistance from OCTO (as set forth in the technical-assistance project described above) and pass a technical-assistance review performed by OCTO at which the organization must demonstrate its readiness to receive and implement the grant. Though it is expected that a year of technical-assistance will be required prior to qualifying for a grant, the technical-assistance review in any event ensures that a recipient organization is ready to receive and properly implement the grant.

An organization may use a grant under this project to improve its own use of broadband (if such use is otherwise limited) and to improve use of broadband by those that the organization serves. Methods to improve use of broadband may include training, hardware or broadband access support efforts, specialized content development, and other initiatives to help individuals and organizations become and remain broadband adopters.

In addition to receiving the required technical assistance, recipient organizations will have to measure the effectiveness of their programs subsidized by this project. OCTO will develop standardized evaluation criteria and provide the organizations with technical assistance to implement them. Each recipient organization's measurements will be aggregated and used within OCTO as a determinant for any future support under this program. Individual organizations' metrics will be compared against aggregate measurements to provide feedback to the organization.

The project will provide a broadband adoption coordinator who will work closely with recipient organizations to ensure that technical assistance is provided and grant funds are used as intended. The provided technical assistance includes training for the organization on methods to ensure sustainability of the program after the grant period expires.

The District has already completed initial statewide planning and capacity-building efforts by collecting and analyzing FCC Form 477 data on broadband adoption, establishing and convening the Mapping Advisory Committee referenced above, and convening the first DC Community Broadband Summit. Though planning and capacity-building efforts will continue, OCTO is well-positioned to provide technical assistance to, and then evaluate, potential grant-recipient organizations.

OCTO already has formed partnerships with a number of entities that will help implement this project. Existing partners include:

- District of Columbia Public Library—public computer-center locations, training resources, training, data and experience
- DC Department of Parks and Recreation—public computer-center locations
- DC Public Service Commission—carrier data, and policy guidance
- DC Department of Employment Services—data and insight into underserved communities, public computer-center locations
- First Time Computers—low-cost, refurbished computers
- Byte Back—community training experience, curriculum development
- One Economy—national digital-divide policy, training experience, curriculum development, links to other organizations
- Cricket Communications—broadband access, focused on low-income market

OCTO also proposes to build partnerships with:

- Verizon Communications
- Comcast
- AT&T
- DC Water (formerly DC Water and Sewer Authority)
- Boys and Girls Clubs
- DC Department of Human Resources
- DC Public Housing Authority

As a result of the DC Community Broadband Summit, including both group discussions and survey responses, OCTO is fairly certain that neither this project nor any of the projects proposed herein would duplicate efforts otherwise underway in the District. OCTO is aware of no other efforts in the District to provide technical assistance and small grants designed to foster partnerships to spur broadband adoption. There is a clear need for this type of small-scale, hands-on approach to providing technical knowledge and critical resources.

Outcomes and Benefits

This project will ensure the provision of technical assistance to small organizations, which will be a requirement for the contemplated modest grants. As a result, this project will cause community organizations focused on supporting broadband adoption to learn how to use technology, provide digital literacy training, and sustain their programs even after the grant funds are expended. With this technical assistance and the help of modest grants, organizations will become better able to participate in effective partnerships with other organizations and thus achieve more together than each could achieve alone.

Cost

COMPUTER AND INTERNET (NEW FEDERAL REQUEST ONLY)	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total
Personnel Salaries					
	0	0	0	0	\$0
	0	0	0	0	\$0
	0	0	0	0	\$0
	0	0	0	0	\$0
Total	0	0	0	0	\$0
Fringe Benefits					
	0	0	0	0	\$0
	0	0	0	0	\$0
	0	0	0	0	\$0
	0	0	0	0	\$0
Total	0	0	0	0	\$0
Travel					
<i>In-State</i>	0	0	0	0	\$0
<i>Out-of-State</i>	0	0	0	0	\$0
Total	0	0	0	0	\$0
Equipment					
					\$0
					\$0
Total	0	0	0	0	\$0
Supplies					
					\$0
					\$0
Total	0	0	0	0	\$0
Subcontracts					
Broadband Coordinator - Contractor (\$80.00 per/hr for 500 hours)	40,000	40,000	40,000	40,000	\$160,000
Tech Assistance/Outreach Coordinator (\$70.00 per/hr for 500 hours)	35,000	35,000	35,000	35,000	\$140,000
Community Broadband Liasion(\$120.00per/hr for 10 hours per year)	12,000	12,000	12,000	12,000	\$48,000
Total	87,000	87,000	87,000	87,000	\$348,000
<i>Construction</i>	0	0	0	0	
Other					\$0
Outgoing grants (3 per year at \$50,000 per grant)	150,000	150,000	150,000	150,000	\$600,000
	0	0	0	0	\$0
	0	0	0	0	\$0
Total	150,000	150,000	150,000	150,000	\$600,000
Total Direct Costs	237,000	237,000	237,000	237,000	\$948,000
Total Indirect Costs (DC Contact Administration 3%)	7110	7110	7110	7110	\$28,440
Total Costs	244,110	244,110	244,110	244,110	\$976,440

SBDD Purpose: This project meets the SBDD improving computer ownership and Internet usage purpose because it relies first on a robust Technical Assistance program, and second on small grants to support programs designed to improve computer ownership and Internet usage. Any entity that may receive a grant under this project would have been restricted by its small size and limited technical qualifications in its ability to file a grant application within the guidelines for funding from the Broadband Technology Opportunities Program. As specified in the SBDD grant guidance, the funding requested for this project will further integrate broadband use and computer ownership into any recipient organization and/or the programs it runs in its community.

6. Evidence of Support.

Appendix C contains letters providing evidence of support from the following entities:

- **Byte Back**
- **Cricket Communications**
- **DC Department of Employment Services**
- **DC Department of Parks and Recreation**
- **DC Public Library**
- **DC Public Service Commission**
- **First Time Computers**
- **One Economy**

CONCLUSION:

As an urban area, the obstacles in the District to broadband adoption are far more complex than in an urban area where broadband is simply not available. In the city, where broadband is readily available, people do not adopt for a variety of reasons, from cost to education to just not understanding the benefits broadband adoption can provide. With this supplemental SBDD application, the District proposes to address many of these problems, consistent with the city's vision of a comprehensive approach to spurring broadband adoption.

At the first DC Community Broadband Summit this past February, there was wide agreement that broadband adoption required at least four critical supports: content, hardware, access, and training. Participants also agreed that an even more basic, overarching requirement had to be addressed in order for those four items to be effective—awareness sufficient to lead a person to want to adopt broadband and thus seek out available resources. Accordingly, in this supplemental SBDD application, the District proposes projects to further refine its understanding of the broadband adoption issue—specifically, who has not adopted and where they reside. Armed with this data, the District will conduct public education and outreach initiatives to raise broadband awareness and alert residents to the availability of adoption-related resources. OCTO will coordinate across government agencies to identify ways they can support broadband adoption in their own areas of operation. OCTO will provide technical assistance to organizations interested in developing or sustaining broadband adoption aspects in their own programmatic offerings, whether this means increasing broadband use in daily operations or supporting adoption of broadband among the organization's constituency.

The District also will help people see the benefits of broadband by developing applications that make adoption more attractive. Applications from video relay service for the deaf and hard of hearing to search and interactive e-learning capabilities will drive people who might otherwise not think much about broadband to appreciate what it can do for them.

When city residents thus come looking for broadband adoption resources, the District must make them easily identifiable and readily available. With this supplemental grant, the District will provide a catalog of adoption resources and a program of small grants to help community non profits provide the content, hardware, access, and training that people need to become adopters.

Although the District has undertaken other efforts to obtain funds for broadband adoption initiatives, sustaining the efforts begun under this SBDD grant program should prove fairly inexpensive. OCTO only fairly recently added “bridging the digital divide” to its mission statement, opening the possibility of new funding for this critical objective. The city council has expressed substantial interest in OCTO’s broadband adoption efforts and may well, as the economy improves, find additional funds to support them. In the meantime, the technical assistance provided under this supplemental application will help ensure that organizations focused on broadband adoption develop sustainability plans for their own programs. Costs for software maintenance and internal governmental coordination efforts described herein will be sustained through the District’s annual operational budget.

The District understands that there are many possible roads to broadband adoption, and many reasons why one may be preferable to any given person. Accordingly, this supplemental application proposes projects that provide the awareness and resources necessary to accommodate the varying ways people may come to adopt broadband.

END OF REQUEST

APPENDIX A
FORM 424

Application for Federal Assistance SF-424

Version 02

*1. Type of Submission		*2. Type of Application		*If Revision, select appropriate letter(s):	
<input type="checkbox"/> Preapplication		<input type="checkbox"/> New		A	
<input checked="" type="checkbox"/> Application		<input type="checkbox"/> Continuation		* Other (Specify)	
<input type="checkbox"/> Changed/Corrected Application		<input checked="" type="checkbox"/> Revision		A	
*3. Date Received: 10/28/2009			4. Application Identifier:		
5a. Federal Entity Identifier:			*5b. Federal Award Identifier: 11-50-M09011		
State Use Only:					
6. Date Received by State:			7. State Application Identifier:		
8. APPLICANT INFORMATION:					
* a. Legal Name: District of Columbia OCTO					
* b. Employer/Taxpayer Identification Number (EIN/TIN): 1536001121			*c. Organizational DUNS: 022555952		
d. Address:					
*Street1: 441 4th Street					
Street 2:					
*City: Washinton					
County:					
*State: DC					
Province:					
Country:					
*Zip/ Postal Code: 20001					
e. Organizational Unit:					
Department Name:			Division Name:		
f. Name and contact information of person to be contacted on matters involving this application:					
Prefix:		First Name: Barney			
Middle Name:					
*Last Name: Krucoff					
Suffix:					
Title:					
Organizational Affiliation:					
*Telephone Number: 202-727-9307			Fax Number:		
*Email: barney.krucoff@dc.gov					

Application for Federal Assistance SF-424

Version 02

9. Type of Applicant 1: Select Applicant Type: A. State Government

Type of Applicant 2: Select Applicant Type:

- Select One -

Type of Applicant 3: Select Applicant Type:

- Select One -

*Other (specify):

*10. Name of Federal Agency:
Department of Commerce

11. Catalog of Federal Domestic Assistance Number:

11.558

CFDA Title:

SBDD

*12. Funding Opportunity Number: 0660-ZA29

*Title: Recovery Act - State Broadband Data and Development Grant Program

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

District of Columbia

*15. Descriptive Title of Applicant's Project:

District of Columbia Broadband Mapping and Planning

Attach supporting documents as specified in agency instructions.

Application for Federal Assistance SF-424

Version 02

16. Congressional Districts Of:

*a. Applicant DC-001

*b. Program/Project: DC-001

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

*a. Start Date: 10/26/2009

*b. End Date: 10/26/2014

18. Estimated Funding (\$):

*a. Federal \$3,875,559.00

*b. Applicant \$971,214.00

*c. State

*d. Local

*e. Other

*f. Program Income

*g. TOTAL \$4,846,773.00

***19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- a. This application was made available to the State under the Executive Order 12372 Process for review on
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E.O. 12372

*20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)

- Yes
- No

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

**I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: *First Name: Barney

Middle Name:

*Last Name: Krucoff

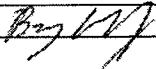
Suffix:

*Title: GIS Manager

*Telephone Number: 202-7279307

Fax Number:

*Email: barney.krucoff@dc.gov

*Signature of Authorized Representative: 

Date Signed: 7-1-2010

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			
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)	
1. SBDD	11.558	\$	\$	\$ 1,493,286.00	\$ 377,903.00	\$ 1,871,189.00	
2.						0.00	
3.						0.00	
4.						0.00	
5. Totals		\$ 0.00	\$ 0.00	\$ 1,493,286.00	\$ 377,903.00	\$ 1,871,189.00	
SECTION B - BUDGET CATEGORIES							
6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY					Total (5)	
	(1)	Federal	(2)	Non-Federal	(3)		
a. Personnel	\$	120,000.00	\$	227,903.00	\$	\$ 347,903.00	
b. Fringe Benefits						0.00	
c. Travel						0.00	
d. Equipment		131,247.00				131,247.00	
e. Supplies						0.00	
f. Contractual		1,242,039.00				1,242,039.00	
g. Construction						0.00	
h. Other				150,000.00		150,000.00	
i. Total Direct Charges (sum of 6a-6h)		1,493,286.00		377,903.00	0.00	0.00	1,871,189.00
j. Indirect Charges						0.00	
k. TOTALS (sum of 6i and 6j)	\$	1,493,286.00	\$	377,903.00	\$ 0.00	\$ 0.00	\$ 1,871,189.00
7. Program Income		\$	\$	\$	\$	\$ 0.00	

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Standard Form 424A (Rev. 7-97)
Prescribed by OMB Circular A-102

SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8. SBDD	\$ 377,903.00	\$	\$	\$ 377,903.00	
9.				0.00	
10.				0.00	
11.				0.00	
12. TOTAL (sum of lines 8-11)	\$ 377,903.00	\$ 0.00	\$ 0.00	\$ 377,903.00	
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 0.00	\$	\$	\$	\$
14. Non-Federal	0.00				
15. TOTAL (sum of lines 13 and 14)	\$ 0.00	\$ 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.SBDD	\$	\$	\$	\$	
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: \$1,493,286		22. Indirect Charges:			
23. Remarks:					

**APPENDIX B.
DETAILED BUDGET**

GRANTEE NAME: (DC) Office of the Chief Technology Officer

Directions: For each sheet, please edit the cells that are empty, not the cells with the grey background.

PLEASE ENTER YOUR EXISTING, APPROVED BUDGET BELOW.
It should match your current SF 424.

EXISTING BUDGET	Federal	Match	Total
Personnel Salaries	120,000	227,903	\$347,903
Fringe Benefits	0	0	\$0
Travel	0	0	\$0
Equipment	131,247	0	\$131,247
Supplies	0	0	\$0
Subcontracts	1,242,039	0	\$1,242,039
Construction	0	0	0
Other	0	150,000	\$150,000
Total Direct Costs	\$1,493,286	\$377,903	\$1,871,189
Total Indirect Costs	\$0	\$0	\$0
Total Costs	\$1,493,286	\$377,903	\$1,871,189
% Federal Share	79.80%		
% Applicant Share		20.20%	

PLEASE DO NOT ENTER TEXT BELOW. It will populate automatically after you complete the other sheets.

REQUESTED BUDGET	Federal	Match	Total
Personnel Salaries	144,505	409,491	553,996
Fringe Benefits	31,791	90,088	121,879
Travel	-	-	-
Equipment	53,000	158,000	211,000
Supplies	100,000	-	100,000
Subcontracts	2,623,383	148,635	2,772,018
Construction	-	-	-
Other	810,000	165,000	975,000
Total Direct Costs	3,762,678	971,214	4,733,892
Total Indirect Costs	112,880	-	112,880
Total Costs	\$3,875,559	\$971,214	\$4,846,773
% Federal Share	79.96%		
% Applicant Share		20.04%	

GRANTEE NAME: (DC) Office of the Chief Technology Officer

Supplemental Project	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total
Mapping	0	392,510	392,510	392,510	1,177,530
Technical Assistance	277,070	235,870	235,870	235,870	984,680
Application Development	335,208	200,850	200,850	0	736,908
Computer and Internet	244,110	244,110	244,110	244,110	976,440
Supplemental Request Total	856,388	1,073,340	1,073,340	872,490	3,875,559
Match	360,271	215,314	197,814	197,814	971,214
Supplemental Total	1,216,660	1,288,654	1,271,154	1,070,304	4,846,773

MAPPING (NEW FEDERAL REQUEST ONLY)	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
Personnel Salaries						
Provider Outreach Manager PSC (Cary Hinton) (2 months per year at \$54.79 per hour) *	0	17,807	17,807	17,807	\$53,420	
PSC Staff Provider Relations (Virgil Young) (4 months per year @ \$46.71 per hour) *	0	30,362	30,362	30,362	\$91,085	
* Includes work on "future leading practices" of including resellers and employing government records. DC is already using government records and including resellers will start in year 2 with existing funds.	0	0	0	0	\$0	
Total	0	48,168	48,168	48,168	\$144,505	144,505
Fringe Benefits 22% on DC FTE Direct Labor						
Provider Outreach Manager PSC (Cary Hinton)	0	3,917	3,917	3,917	\$11,752	
PSC Staff Provider Relations (Virgil Young)	0	6,680	6,680	6,680	\$20,039	
	0	0	0	0	\$0	
Total	0	10,597	10,597	10,597	\$31,791	31,791
Travel						
<i>In-State</i>	0	0	0	0	\$0	
<i>Out-of-State</i>	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Equipment						
					\$0	
					\$0	
					\$0	
Total	0	0	0	0	\$0	0
Supplies						
					\$0	
					\$0	
					\$0	
Total	0	0	0	0	\$0	0
Subcontracts						
Wireless Validation, By Drive Testing, Engineer (Annual Mobilization \$7,500, engineer rate \$650 per day, 1 Engineer for 2 months per year with vehicle, hardware and software) This firm will perform both the wireless drive testing DC has already initiated plus the data collection for WiFi hot stops future leading practice.	0	46,500	46,500	46,500	\$139,500	
Radio Frequency Engineer to support future leading practice analysis of WiFi hot spots. (4 weeks per year at 150 / hour) (Work would begin in Yr2 with existing funds.)	0	24,000	24,000	24,000	\$72,000	
GIS Analyst Full Time Contractors -TBD (1950 hours per year at \$65 per hour.) *	0	126,750	126,750	126,750	\$380,250	
GIS Analyst 75% Time Contractors -TBD (1462 hours per year at \$65 per hour.) *	0	95,063	95,063	95,063	\$285,188	
* Includes work on "future leading practices" of including resellers and employing government records. DC is already using government records and including resellers will start in year 2 with existing funds.	0	0	0	0	\$0	
Total	0	292,313	292,313	292,313	\$876,938	876,938
<i>Construction</i>	0	0	0	0	\$0	
Other						
Wire Line Validation Commercial Subscriber Data (Commercial data subscription \$7,500 every six months)	0	15,000	15,000	15,000	\$45,000	
Software Maintenance \$15,000 per year (ESRI Software purchased year 1. ArcGIS Server Advanced Enterprise for Windows 4 Cores License)	0	15,000	15,000	15,000	\$45,000	
Total	0	30,000	30,000	30,000	\$90,000	90,000
Total Direct Costs	0	381,078	381,078	381,078	\$1,143,233	1,143,233
Total Indirect Costs (DC Contact Administration 3%)	0	11,432	11,432	11,432	\$34,297	
Total Costs	0	392,510	392,510	392,510	\$1,177,530	

TECHNICAL ASSISTANCE (NEW FEDERAL REQUEST ONLY)	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
Personnel Salaries						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Fringe Benefits						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Travel						
<i>In-State</i>	0	0	0	0	\$0	
<i>Out-of-State</i>	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Equipment						
					\$0	
					\$0	
					\$0	
Total	0	0	0	0	\$0	0
Supplies						
Coordination and Outreach Materials	25,000	25,000	25,000	25,000	\$100,000	
					\$0	
Total	25,000	25,000	25,000	25,000	\$100,000	100,000
Subcontracts						
Resource Catalog - Contractor (\$80.00 per/hr for 500 hours)	40,000	0	0	0	\$40,000	
Broadband Coordinator - Contractor (\$80.00 per/hr for 1000)	80,000	80,000	80,000	80,000	\$320,000	
Tech Assistance/Outreach Coordinator - Contactor (\$70.00 per/hr for 1000)	70,000	70,000	70,000	70,000	\$280,000	
Community Broadband Liasion - Contractor (\$120.00per/hr for 200 hours per year)	24,000	24,000	24,000	24,000	\$96,000	
Total	214,000	174,000	174,000	174,000	\$736,000	736,000
<i>Construction</i>	0	0	0	0		
Other					\$0	
Broadband Summit Cost (2X Annually @ \$15k per Summit for four years)	30,000	30,000	30,000	30,000	\$120,000	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	30,000	30,000	30,000	30,000	\$120,000	120,000
Total Direct Costs	269,000	229,000	229,000	229,000	\$956,000	956,000
Total Indirect Costs (District of Columbia Grant Administration 3%)	8070	6870	6870	6870	\$28,680	
Total Costs	277,070	235,870	235,870	235,870	\$984,680	

APPLICATION DEVELOPMENT (NEW FEDERAL REQUEST ONLY)	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
Personnel Salaries						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Fringe Benefits						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Travel						
<i>In-State</i>	0	0	0	0	\$0	
<i>Out-of-State</i>	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Equipment						
Framework License	24,000	0	0	0	\$24,000	
Video Conferencing	6,000	0	0	0	\$6,000	
Video Relay Service Installation	23,000	0	0	0	\$23,000	
Total	53,000	0	0	0	\$53,000	53,000
Supplies						
					\$0	
					\$0	
					\$0	
Total	0	0	0	0	\$0	0
Subcontracts						
SCORM Web Developer(\$95.00per/hr @ a 1000hrs per/yr)	95,000	95,000	95,000	0	\$285,000	
SCORM Web Architect(\$100.00per/hr @ a 1000hrs per/yr)	100,000	100,000	100,000	0	\$300,000	
Project Manager(\$70.00per/hr @ 240 hrs per/yr)	16,800	0	0	0	\$16,800	
Business Analyst(\$65.00per/hr @ 350hrs per /yr)	22,750	0	0	0	\$22,750	
Designer(\$85.00per/hr @ 53 hrs per/yr)	4,505	0	0	0	\$4,505	
Web Developer 1(\$70.00per/hr @ 250hrs/ per/yr)	17,500	0	0	0	\$17,500	
Tester(\$130.00hr @ 53hrs per/yr)	6,890	0	0	0	\$6,890	
Database Admin(\$90.00 per/hr @ 100hrs per/yr)	9,000	0	0	0	\$9,000	
	0	0	0	0	\$0	
Total	272,445	195,000	195,000	0	\$662,445	662,445
<i>Construction</i>	0	0	0	0		
Other					\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Total Direct Costs	325,445	195,000	195,000	0	\$715,445	715,445
Total Indirect Costs (DC Contact Administration 3%)	9763	5850	5850	0	\$21,463	
Total Costs	335,208	200,850	200,850	0	\$736,908	

COMPUTER AND INTERNET (NEW FEDERAL REQUEST ONLY)	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
Personnel Salaries						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Fringe Benefits						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Travel						
<i>In-State</i>	0	0	0	0	\$0	
<i>Out-of-State</i>	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Equipment						
					\$0	
					\$0	
					\$0	
Total	0	0	0	0	\$0	0
Supplies						
					\$0	
					\$0	
					\$0	
Total	0	0	0	0	\$0	0
Subcontracts						
Broadband Coordinator - Contractor (\$80.00 per/hr for 500 hours)	40,000	40,000	40,000	40,000	\$160,000	
Tech Assistance/Outreach Coordinator (\$70.00 per/hr for 500 hours)	35,000	35,000	35,000	35,000	\$140,000	
Community Broadband Liasion(\$120.00per/hr for 10 hours per year)	12,000	12,000	12,000	12,000	\$48,000	
Total	87,000	87,000	87,000	87,000	\$348,000	348,000
<i>Construction</i>	0	0	0	0		
Other					\$0	
Outgoing grants (3 per year at \$50,000 per grant)	150,000	150,000	150,000	150,000	\$600,000	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	150,000	150,000	150,000	150,000	\$600,000	600,000
Total Direct Costs	237,000	237,000	237,000	237,000	\$948,000	948,000
Total Indirect Costs (DC Contact Administration 3%)	7110	7110	7110	7110	\$28,440	
Total Costs	244,110	244,110	244,110	244,110	\$976,440	

(DC) Office of the Chief Technology Officer		Match as % of total project cost:				20.04%
PROPOSED MATCH FOR NEW FEDERAL FUND REQUEST	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
Personnel Salaries						
GIS Project Manager, Krucoff (2 months per year at \$66/hour)	0	22,836	22,836	22,836	\$68,508	
GIS Application Developer, Liang (1.5 months per year \$52/hour)	0	13,494	13,494	13,494	\$40,482	
GIS System Administrator, Lo (1.5 months per year \$52/hour)	0	13,494	13,494	13,494	\$40,482	
Program Manager, Boley (3 months year 2, 2 months year 3, 4, 5 at \$72/hour)	37,368	24,912	24,912	24,912	\$112,104	
Public Information Officer, Smith (6 months project year 2, 3 months project years 3, 4, and 5 at \$57/hour)	59,166	29,583	29,583	29,583	\$147,915	
	0	0	0	0	\$0	
Total	96,534	104,319	104,319	104,319	\$409,491	409,491
Fringe Benefits (@ 22%)						
GIS Project Manager, Krucoff (2 months per year at \$66/hour)	0	5,024	5,024	5,024	\$15,072	
GIS Application Developer, Liang (1.5 months per year \$52/hour)	0	2,969	2,969	2,969	\$8,906	
GIS System Administrator, Lo (1.5 months per year \$52/hour)	0	2,969	2,969	2,969	\$8,906	
Program Manager, Boley (3 months year 2, 2 months year 3, 4, 5 at \$72/hour)	8,221	5,481	5,481	5,481	\$24,663	
Public Information Officer, Smith (6 months project year 2, 3 months project years 3, 4, and 5 at \$57/hour)	13,017	6,508	6,508	6,508	\$32,541	
	0	0	0	0	\$0	
Total	21,237	22,950	22,950	22,950	\$90,088	90,088
Travel						
<i>In-State</i>	0	0	0	0	\$0	
<i>Out-of-State</i>	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Equipment						
GIS System Hosting	0	12,000	12,000	12,000	\$36,000	
SCORM Hosting/Maintenance (Content Management System, Service Request Center)	23,000	23,000	23,000	23,000	\$92,000	
SCORM Equipment	30,000	0	0	0	\$30,000	
Total	53,000	35,000	35,000	35,000	\$158,000	158,000
Supplies						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Subcontracts						
Contract GIS Database Administrator 1.5 months per year a \$110/hour)	0	28,545	28,545	28,545	\$85,635	
Contract Application Tester	7,000	7,000	7,000	7,000	\$28,000	
Contract Web Developer (250 hours at \$70/hour)	17,500	17,500	0	0	\$35,000	
Total	24,500	53,045	35,545	35,545	\$148,635	148,635
<i>Construction</i>	0	0	0	0	\$0	
Other						
District of Columbia Public Library Cash	165,000	0	0	0	\$165,000	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	165,000	0	0	0	\$165,000	165,000
Total Direct Costs	360,271	215,314	197,814	197,814	\$971,214	971,214
Total Indirect Costs	0	0	0	0	\$0	
Total Costs	360,271	215,314	197,814	197,814	\$971,214	

APPENDIX C
LETTERS OF SUPPORT



June 23, 2010

Mr. Lawrence E. Strickling
Assistant Secretary for Communications and Information
National Telecommunications and Information Administration
United States Department of Commerce
1401 Constitution Avenue, N.W.
Washington, DC 20230

Dear Mr. Strickling:

I am pleased to provide this letter of support for the District of Columbia's "Supplemental Application" for funding under the State Broadband Data and Development Grant Program ("SBDDGP"). Byte Back is a nonprofit computer and job training center in the District. Our mission is to improve economic opportunity for low-income residents of the Washington DC area by providing computer training and employment readiness skills. As such, we are committed to promoting broadband adoption and I believe that the Supplemental Application would work well to speed up such adoption, particularly for low-income Washingtonians.

The District's Supplemental Application focuses on four major areas: increasing and maintaining the collection of broadband data, providing technical assistance to governmental and non-governmental entities in their efforts to drive broadband adoption, accelerating development and use of broadband applications by District organizations and residents, and improving the ownership of computers and Internet usage by providing modest financial support to community organizations that have

Byte Back, Inc. * 815 Monroe Street, NE * Washington, DC 20017
202-529-3395 * www.byteback.org * info@byteback.org
Tax ID: 52-2061398 DUNS#054704775
Byte Back is licensed by the D.C. Educational Licensure Commission

received the above-mentioned technical assistance.

As an organization which provides computer training, including computer literacy skills to over a thousand students a year, Byte Back strongly supports the Supplemental Application. We participated in the first DC Community Broadband Summit, held on February 26 this year and which was quite successful in bringing together a broad coalition of organizations, businesses and agencies which are committed to bridge the digital divide. I believe that this proposal will, if approved, enable substantially more Washingtonians and organizations to adopt broadband, leading to improved job readiness and economic security. Broadband adoption is a critical element for the economic wellbeing of the Nation's Capital and its residents. The District's Supplemental Application is a well-conceived proposal for an efficient and effective use of the requested funds.

On behalf of Byte Back, I urge you to approval of the District's Supplemental Application. Thank you for your consideration.

Sincerely,



Kelley Ellsworth

Executive Director

Byte Back



Mr. Lawrence E. Strickling
Assistant Secretary for Communications and Information
National Telecommunications and Information Administration
United States Department of Commerce
1401 Constitution Avenue, N.W.
Washington, DC 20230

June 24, 2010

Dear Mr. Strickling:

I am pleased to provide this letter of support for the District of Columbia's supplemental application ("Supplemental Application") for funding under the State Broadband Data and Development Grant Program ("SBDDGP"). Cricket Communications is a wireless and broadband Internet service provider in the District that is committed to promoting broadband adoption. Cricket believes that the Supplemental Application would go far toward accelerating such adoption, especially among the District's underserved populations.

The District's Supplemental Application focuses on four major areas: increasing and maintaining the collection of broadband data, providing technical assistance to governmental and non-governmental entities in their efforts to drive broadband adoption, accelerating development and use of broadband applications by District organizations and residents, and improving the ownership of computers and Internet usage by providing modest financial support to community organizations that have received the above-mentioned technical assistance.

As an organization focused on bridging the digital divide in the District, Cricket strongly supports the Supplemental Application. Following on the remarkable success of the first DC Community Broadband Summit, held on February 26, 2010, this proposal will, if approved, cause substantially more District residents and organizations to adopt broadband, resulting in significant downstream improvements in job readiness and economic security. At the Summit, which was supported by funds from the planning portion of the District's initial SBDDGP award, the Deputy Assistant Secretary Anna Gomez underscored the importance of broadband funding for economic development, and Cricket wholeheartedly agrees. The District's Supplemental Application is a well-conceived proposal for an efficient and effective use of the requested funds.

Cricket urges you to approval of the District's Supplemental Application. Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to be "L. Strickling".

Cricket Communications, Inc.
8515 Georgia Ave, Suite 800
Silver Spring, MD 20910
www.mycricket.com

GOVERNMENT OF THE DISTRICT OF COLUMBIA
Department of Employment Services
Office of Information Technology



June 24, 2010

Mr. Lawrence E. Strickling
Assistant Secretary for Communications and Information
National Telecommunications and Information Administration
United States Department of Commerce
1401 Constitution Avenue, N.W.
Washington, DC 20230

Dear Mr. Strickling:

I am pleased to provide this letter of support for the District of Columbia's supplemental application ("Supplemental Application") for funding under the State Broadband Data and Development Grant Program ("SBDDGP"). The Department of Employment Services Office of Information Technology (DOES-OIT) supports the agency in its mission of workforce development, serving the unemployed, and offering a host of services in the District that is committed to promoting broadband adoption. DOES-OIT believes that the Supplemental Application would go far toward accelerating such adoption, especially among the District's underserved populations.

The District's Supplemental Application focuses on four major areas: increasing and maintaining the collection of broadband data, providing technical assistance to governmental and non-governmental entities in their efforts to drive broadband adoption, accelerating development and use of broadband applications by District organizations and residents, and improving the ownership of computers and Internet usage by providing modest financial support to community organizations that have received the above-mentioned technical assistance.

As an organization focused on bridging the digital divide in the District, DOES-OIT strongly supports the Supplemental Application. Following on the remarkable success of the first DC Community Broadband Summit, held on February 26, 2010, this proposal will, if approved, cause substantially more District residents and organizations to adopt broadband, resulting in significant downstream improvements in job readiness and economic security. At the Summit, which was supported by funds from the planning portion of the District's initial SBDDGP award, the Deputy Assistant Secretary Anna Gomez underscored the importance of broadband funding for economic development, and DOES-OIT wholeheartedly agrees. The District's Supplemental Application is a well-conceived proposal for an efficient and effective use of the requested funds.

DOES-OIT urges you to approval of the District's Supplemental Application. Thank you for your consideration.

Sincerely,


Michael A. Price, Sr.
Chief Information Officer



GOVERNMENT OF THE DISTRICT OF COLUMBIA
Department of Parks and Recreation



Jesús Aguirre
Acting Director

Mr. Lawrence E. Strickling
Assistant Secretary for Communications and Information
National Telecommunications and Information Administration
United States Department of Commerce
1401 Constitution Avenue, N.W.
Washington, DC 20230

Dear Mr. Strickling:

The Department of Parks and Recreation (DPR) is pleased to provide this letter of support for the District of Columbia's supplemental application ("Supplemental Application") for funding under the State Broadband Data and Development Grant Program ("SBDDGP"). DPR currently has several public computer centers within a few of our recreational facilities that provide training to District residents using current broadband services. DPR would like to expand our public computer center in recreational facilities throughout the District to reach more residents. We are a District agency that is committed to promoting broadband adoption. The Supplemental Application would go far toward accelerating such adoption, especially among the District's underserved populations.

The District's Supplemental Application focuses on four major areas: increasing and maintaining the collection of broadband data, providing technical assistance to governmental and non-governmental entities in their efforts to drive broadband adoption, accelerating development and use of broadband applications by District organizations and residents, and improving the ownership of computers and Internet usage by providing modest financial support to community organizations that have received the above-mentioned technical assistance.

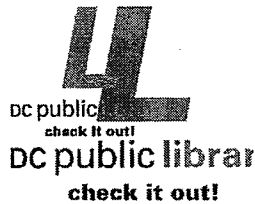
As an organization focused on bridging the digital divide in the District, DPR strongly supports the Supplemental Application. Following on the remarkable success of the first DC Community Broadband Summit, held on February 26, 2010, this proposal will, if approved, cause substantially more District residents and organizations to adopt broadband, resulting in significant downstream improvements in job readiness and economic security. At the Summit, which was supported by funds from the planning portion of the District's initial SBDDGP award, the Deputy Assistant Secretary Anna Gomez underscored the importance of broadband funding for economic development, and DPR wholeheartedly agrees. The District's Supplemental Application is a well-conceived proposal for an efficient and effective use of the requested funds.

Department of Parks and Recreation urges you to approval of the District's Supplemental Application. Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read 'E. Leonard', with a large, stylized flourish extending to the right.

Edward Leonard



Mr. Lawrence E. Strickling
Assistant Secretary for Communications and Information
National Telecommunications and Information Administration
United States Department of Commerce
1401 Constitution Avenue, N.W.
Washington, DC 20230

Dear Mr. Strickling:

I am pleased to provide this letter of support for the District of Columbia's supplemental application ("Supplemental Application") for funding under the State Broadband Data and Development Grant Program ("SBDDGP"). DC Public Library is a leading cultural and educational institution in the District that is committed to promoting broadband adoption. DC Public Library believes that the Supplemental Application would go far toward accelerating such adoption, especially among the District's underserved populations.

The District's Supplemental Application focuses on four major areas: increasing and maintaining the collection of broadband data, providing technical assistance to governmental and non-governmental entities in their efforts to drive broadband adoption, accelerating development and use of broadband applications by District organizations and residents, and improving the ownership of computers and Internet usage by providing modest financial support to community organizations that have received the above-mentioned technical assistance.

As an organization focused on bridging the digital divide in the District, DC Public Library strongly supports the Supplemental Application. Following on the remarkable success of the first DC Community Broadband Summit, held on February 26, 2010, this proposal will, if approved, cause substantially more District residents and organizations to adopt broadband, resulting in significant downstream improvements in job readiness and economic security. At the Summit, which was supported by funds from the planning portion of the District's initial SBDDGP award, the Deputy Assistant Secretary Anna Gomez underscored the importance of broadband funding for economic development, and DC Public Library wholeheartedly agrees. The District's Supplemental Application is a well-conceived proposal for an efficient and effective use of the requested funds.

DC Public Library urges you to approval of the District's Supplemental Application. Thank you for your consideration.

Sincerely,

Ginnie Cooper

Ginnie Cooper
Chief Librarian



Public Service Commission of the District of Columbia
1333 H Street, N.W., 2nd Floor, West Tower
Washington, D.C. 20005
(202) 626-5100
www.dcpsc.org

June 25, 2010

Mr. Lawrence E. Strickling
Assistant Secretary for Communications and Information
National Telecommunications and Information Administration
United States Department of Commerce
1401 Constitution Avenue, N.W.
Washington, DC 20230

Re: SBDDGP Supplemental Application

Dear Mr. Strickling:

I am pleased to provide this letter of support for the District of Columbia Office of the Chief Technology Officer's ("OCTO") Supplemental Application ("Supplemental Application") for funding under the National Telecommunications and Information Administration's State Broadband Data and Development Grant Program ("SBDDGP"). The Public Service Commission of the District of Columbia ("Commission") is committed to promoting broadband adoption in the District. The Supplemental Application would go far toward accelerating such adoption, especially among the District's underserved populations.

The District's Supplemental Application focuses on four major areas: (1) increasing and maintaining the collection of broadband data; (2) providing technical assistance to governmental and non-governmental entities in their efforts to drive broadband adoption; (3) accelerating development and use of broadband applications by District organizations and residents; and (4) improving the ownership of computers and Internet usage by providing modest financial support to community organizations that have received the aforementioned technical assistance.

The Commission, pursuant to an interagency agreement with the OCTO, has undertaken the broadband service data collection task that enables OCTO to: (1) provide broadband mapping data to the SBDDGP; (2) identify geographic areas within the District that do not have adequate broadband infrastructure; and (3) identify geographic areas within the District with low end user adoption rates and which should be targeted for adoption programs. OCTO's Supplemental Application is a well-conceived proposal for an efficient and effective use of the requested SBDDGP funds that will further enable OCTO to perform the aforementioned tasks.

I urge your approval of the District's Supplemental Application. Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "Betty Ann Kane".

Betty Ann Kane
Chairman
Public Service Commission of the District of Columbia



June 23, 2010

Mr. Lawrence E. Strickling
Assistant Secretary for Communications and Information
National Telecommunications and Information Administration
United States Department of Commerce
1401 Constitution Avenue, N.W.
Washington, DC 20230

Dear Mr. Strickling:

First Time Computers is delighted to offer this letter of support for the District of Columbia's supplemental application for funding under the State Broadband Data and Development Grant Program. First time Computers is DC nonprofit organization that donates refurbished computers to low-income families in the District. We have placed 6,000 Internet-ready computers to date, and are committed to promoting broadband adoption. Many of the families receiving our computers lack access to the Internet, and face digital exclusion. The District's proposed program would build and expand broadband adoption, especially among the District's underserved populations. Families now excluded will have expanded opportunities to participate in the ever-widening aspects of life unfolding on the Internet.

The District's Supplemental Application focuses on four major areas: increasing and maintaining the collection of broadband data, providing technical assistance to governmental and non-governmental entities in their efforts to drive broadband adoption, accelerating development and use of broadband applications by District organizations and residents, and expanding the ownership of computers and Internet usage by providing modest financial support to community organizations that have received the above-mentioned technical assistance.

As an organization focused on bridging the digital divide in the District, First Time Computers enthusiastically supports the Supplemental Application. We were among the presenters at DC's first Community Broadband Summit this past February. At the Summit, which was supported by funds from the planning portion of the District's initial SBDDGP award, the Deputy Assistant Secretary Anna Gomez underscored the importance of broadband funding for economic development, and First Time Computers wholeheartedly agrees. We believe that the District's Supplemental Application is a well-conceived proposal for an efficient and effective use of the requested funds. The proposed programs will, if funded, pave the way for substantially more District residents

June 24, 2010

and organizations to adopt broadband, resulting in significant downstream improvements in job readiness and economic security.

First Time Computers strongly urges your approval of the District's Supplemental Application. Thank you for considering our views.

Sincerely,

Lowell Dodge

Lowell Dodge
Executive Director



June 28, 2010

Mr. Lawrence E. Strickling
Assistant Secretary for Communications and Information
National Telecommunications and Information Administration
United States Department of Commerce
1401 Constitution Avenue, N.W.
Washington, DC 20230

Dear Mr. Strickling:

I am pleased to provide this letter of support for the District of Columbia's supplemental application ("Supplemental Application") for funding under the State Broadband Data and Development Grant Program ("SBDDGP"). One Economy Corporation is a global nonprofit organization that leverages the power of technology and connects underserved communities around the world to vital information that will improve their lives and is committed to promoting broadband adoption in the District. One Economy believes that the Supplemental Application would go far toward accelerating such adoption, especially among the District's underserved populations.

The District's Supplemental Application focuses on four major areas: increasing and maintaining the collection of broadband data, providing technical assistance to governmental and non-governmental entities in their efforts to drive broadband adoption, accelerating development and use of broadband applications by District organizations and residents, and improving the ownership of computers and Internet usage by providing modest financial support to community organizations that have received the above-mentioned technical assistance.

As an organization focused on bridging the digital divide in the District, One Economy strongly supports the Supplemental Application. Following on the remarkable success of the first DC Community Broadband Summit, held on February 26, 2010, this proposal will, if approved, cause substantially more District residents and organizations to adopt broadband, resulting in significant downstream improvements in job readiness and economic security. At the Summit, which was supported by funds from the planning portion of the District's initial SBDDGP award, the Deputy Assistant Secretary Anna Gomez underscored the importance of broadband funding for economic development, and One Economy wholeheartedly agrees. The District's Supplemental Application is a well-conceived proposal for an efficient and effective use of the requested funds.

One Economy urges you to approve of the District's Supplemental Application. Thank you for your consideration.

Sincerely,

A handwritten signature in cursive script that reads 'Sonja Murray'.

Sonja Murray
Senior Vice President

GRANTEE NAME: (DC) Office of the Chief Technology Officer

Directions: For each sheet, please edit the cells that are empty, not the cells with the grey background.

PLEASE ENTER YOUR EXISTING, APPROVED BUDGET BELOW. It should match your current SF 424.

EXISTING BUDGET	Federal	Match	Total
Personnel Salaries	120,000	227,903	\$347,903
Fringe Benefits	0	0	\$0
Travel	0	0	\$0
Equipment	131,247	0	\$131,247
Supplies	0	0	\$0
Subcontracts	1,242,039	0	\$1,242,039
Construction	0	0	0
Other	0	150,000	\$150,000
Total Direct Costs	\$1,493,286	\$377,903	\$1,871,189
Total Indirect Costs	\$0	\$0	\$0
Total Costs	\$1,493,286	\$377,903	\$1,871,189
% Federal Share	79.80%		
% Applicant Share		20.20%	

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REQUESTED BUDGET	Federal	Match	Total
Personnel Salaries	144,505	409,491	553,996
Fringe Benefits	31,791	90,088	121,879
Travel	-	-	-
Equipment	53,000	158,000	211,000
Supplies	100,000	-	100,000
Subcontracts	2,623,383	148,635	2,772,018
Construction	-	-	-
Other	810,000	165,000	975,000
Total Direct Costs	3,762,678	971,214	4,733,892
Total Indirect Costs	112,880	-	112,880
Total Costs	\$3,875,559	\$971,214	\$4,846,773
% Federal Share	79.96%		
% Applicant Share		20.04%	

GRANTEE NAME: (DC) Office of the Chief Technology Officer

Supplemental Project	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total
Mapping	0	392,510	392,510	392,510	1,177,530
Technical Assistance	277,070	235,870	235,870	235,870	984,680
Application Development	335,208	200,850	200,850	0	736,908
Computer and Internet	244,110	244,110	244,110	244,110	976,440
Supplemental Request Total	856,388	1,073,340	1,073,340	872,490	3,875,559
Match	360,271	215,314	197,814	197,814	971,214
Supplemental Total	1,216,660	1,288,654	1,271,154	1,070,304	4,846,773

(DC) Office of the Chief Technology Officer		Fed Request as % of total project cost:				79.96%
MAPPING (NEW FEDERAL REQUEST ONLY)	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
Personnel Salaries						
Provider Outreach Manager PSC (Cary Hinton) (2 months per year at \$54.79 per hour) *	0	17,807	17,807	17,807	\$53,420	
PSC Staff Provider Relations (Virgil Young) (4 months per year @ \$46.71 per hour) *	0	30,362	30,362	30,362	\$91,085	
* Includes work on "future leading practices" of including resellers and employing government records. DC is already using government records and including resellers will start in year 2 with existing funds.	0	0	0	0	\$0	
Total	0	48,168	48,168	48,168	\$144,505	144,505
Fringe Benefits 22% on DC FTE Direct Labor						
Provider Outreach Manager PSC (Cary Hinton)	0	3,917	3,917	3,917	\$11,752	
PSC Staff Provider Relations (Virgil Young)	0	6,680	6,680	6,680	\$20,039	
	0	0	0	0	\$0	
Total	0	10,597	10,597	10,597	\$31,791	31,791
Travel						
<i>In-State</i>	0	0	0	0	\$0	
<i>Out-of-State</i>	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Equipment						
					\$0	
					\$0	
					\$0	
Total	0	0	0	0	\$0	0
Supplies						
					\$0	
					\$0	
					\$0	
Total	0	0	0	0	\$0	0
Subcontracts						
Wireless Validation, By Drive Testing, Engineer (Annual Mobilization \$7,500, engineer rate \$650 per day, 1 Engineer for 2 months per year with vehicle, hardware and software) This firm will perform both the wireless drive testing DC has already initiated plus the data collection for WiFi hot stops future leading practice.	0	46,500	46,500	46,500	\$139,500	
Radio Frequency Engineer to support future leading practice analysis of WiFi hot spots. (4 weeks per year at 150 / hour) (Work would begin in Yr2 with existing funds.)	0	24,000	24,000	24,000	\$72,000	
GIS Analyst Full Time Contractors -TBD (1950 hours per year at \$65 per hour.) *	0	126,750	126,750	126,750	\$380,250	
GIS Analyst 75% Time Contractors -TBD (1462 hours per year at \$65 per hour.) *	0	95,063	95,063	95,063	\$285,188	
* Includes work on "future leading practices" of including resellers and employing government records. DC is already using government records and including resellers will start in year 2 with existing funds.	0	0	0	0	\$0	
Total	0	292,313	292,313	292,313	\$876,938	876,938
<i>Construction</i>	0	0	0	0		
Other						
					\$0	
Wire Line Validation Commercial Subscriber Data (Commercial data subscription \$7,500 every six months)	0	15,000	15,000	15,000	\$45,000	
Software Maintenance \$15,000 per year (ESRI Software purchased year 1. ArcGIS Server Advanced Enterprise for Windows 4 Cores License)	0	15,000	15,000	15,000	\$45,000	
Total	0	30,000	30,000	30,000	\$90,000	90,000
Total Direct Costs	0	381,078	381,078	381,078	\$1,143,233	1,143,233
Total Indirect Costs (DC Contact Administration 3%)	0	11,432	11,432	11,432	\$34,297	
Total Costs	0	392,510	392,510	392,510	\$1,177,530	

(DC) Office of the Chief Technology Officer		Fed Request as % of total project cost:				79.96%
TECHNICAL ASSISTANCE (NEW FEDERAL REQUEST ONLY)	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
Personnel Salaries						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Fringe Benefits						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Travel						
<i>In-State</i>	0	0	0	0	\$0	
<i>Out-of-State</i>	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Equipment						
					\$0	
					\$0	
					\$0	
Total	0	0	0	0	\$0	0
Supplies						
Coordination and Outreach Materials	25,000	25,000	25,000	25,000	\$100,000	
					\$0	
Total	25,000	25,000	25,000	25,000	\$100,000	100,000
Subcontracts						
Resource Catalog - Contractor (\$80.00 per/hr for 500 hours)	40,000	0	0	0	\$40,000	
Broadband Coordinator - Contractor (\$80.00 per/hr for 1000)	80,000	80,000	80,000	80,000	\$320,000	
Tech Assistance/Outreach Coordinator - Contactor (\$70.00 per/hr for 1000)	70,000	70,000	70,000	70,000	\$280,000	
Community Broadband Liasion - Contractor (\$120.00per/hr for 200 hours per year)	24,000	24,000	24,000	24,000	\$96,000	
Total	214,000	174,000	174,000	174,000	\$736,000	736,000
<i>Construction</i>	0	0	0	0		
Other						
Broadband Summit Cost (2X Annually @ \$15k per Summit for four years)	30,000	30,000	30,000	30,000	\$120,000	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	30,000	30,000	30,000	30,000	\$120,000	120,000
Total Direct Costs	269,000	229,000	229,000	229,000	\$956,000	956,000
Total Indirect Costs (District of Columbia Grant Administration 3%)	8070	6870	6870	6870	\$28,680	
Total Costs	277,070	235,870	235,870	235,870	\$984,680	

(DC) Office of the Chief Technology Officer		Fed Request as % of total project cost:				79.96%
APPLICATION DEVELOPMENT (NEW FEDERAL REQUEST ONLY)	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
Personnel Salaries						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Fringe Benefits						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Travel						
<i>In-State</i>	0	0	0	0	\$0	
<i>Out-of-State</i>	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Equipment						
Framework License	24,000	0	0	0	\$24,000	
Video Conferencing	6,000	0	0	0	\$6,000	
Video Relay Service Installation	23,000	0	0	0	\$23,000	
Total	53,000	0	0	0	\$53,000	53,000
Supplies						
					\$0	
					\$0	
					\$0	
Total	0	0	0	0	\$0	0
Subcontracts						
SCORM Web Developer(\$95.00per/hr @ a 1000hrs per/yr)	95,000	95,000	95,000	0	\$285,000	
SCORM Web Architect(\$100.00per/hr @ a 1000hrs per/yr)	100,000	100,000	100,000	0	\$300,000	
Project Manager(\$70.00per/hr @ 240 hrs per/yr)	16,800	0	0	0	\$16,800	
Business Analyst(\$65.00per/hr @ 350hrs per /yr)	22,750	0	0	0	\$22,750	
Designer(\$85.00per/hr @ 53 hrs per/yr)	4,505	0	0	0	\$4,505	
Web Developer 1(\$70.00per/hr @ 250hrs/ per/yr)	17,500	0	0	0	\$17,500	
Tester(\$130.00hr @ 53hrs per/yr)	6,890	0	0	0	\$6,890	
Database Admin(\$90.00 per/hr @ 100hrs per/yr)	9,000	0	0	0	\$9,000	
	0	0	0	0	\$0	
Total	272,445	195,000	195,000	0	\$662,445	662,445
<i>Construction</i>	0	0	0	0		
Other						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Total Direct Costs	325,445	195,000	195,000	0	\$715,445	715,445
Total Indirect Costs (DC Contact Administration 3%)	9763	5850	5850	0	\$21,463	
Total Costs	335,208	200,850	200,850	0	\$736,908	

(DC) Office of the Chief Technology Officer		Fed Request as % of total project cost:				79.96%
COMPUTER AND INTERNET (NEW FEDERAL REQUEST ONLY)	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
Personnel Salaries						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Fringe Benefits						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Travel						
<i>In-State</i>	0	0	0	0	\$0	
<i>Out-of-State</i>	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Equipment						
					\$0	
					\$0	
					\$0	
Total	0	0	0	0	\$0	0
Supplies						
					\$0	
					\$0	
					\$0	
Total	0	0	0	0	\$0	0
Subcontracts						
Broadband Coordinator - Contractor (\$80.00 per/hr for 500 hours)	40,000	40,000	40,000	40,000	\$160,000	
Tech Assistance/Outreach Coordinator (\$70.00 per/hr for 500 hours)	35,000	35,000	35,000	35,000	\$140,000	
Community Broadband Liasion(\$120.00per/hr for 10 hours per year)	12,000	12,000	12,000	12,000	\$48,000	
Total	87,000	87,000	87,000	87,000	\$348,000	348,000
<i>Construction</i>	0	0	0	0		
Other					\$0	
Outgoing grants (3 per year at \$50,000 per grant)	150,000	150,000	150,000	150,000	\$600,000	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	150,000	150,000	150,000	150,000	\$600,000	600,000
Total Direct Costs	237,000	237,000	237,000	237,000	\$948,000	948,000
Total Indirect Costs (DC Contact Administration 3%)	7110	7110	7110	7110	\$28,440	
Total Costs	244,110	244,110	244,110	244,110	\$976,440	

(DC) Office of the Chief Technology Officer		Match as % of total project cost:				20.04%
PROPOSED MATCH FOR NEW FEDERAL FUND REQUEST	Project Yr 2	Project Yr 3	Project Yr 4	Project Yr 5	Total	
Personnel Salaries						
GIS Project Manager, Krucoff (2 months per year at \$66/hour)	0	22,836	22,836	22,836	\$68,508	
GIS Application Developer, Liang (1.5 months per year \$52/hour)	0	13,494	13,494	13,494	\$40,482	
GIS System Administrator, Lo (1.5 months per year \$52/hour)	0	13,494	13,494	13,494	\$40,482	
Program Manager, Boley (3 months year 2, 2 months year 3, 4, 5 at \$72/hour)	37,368	24,912	24,912	24,912	\$112,104	
Public Information Officer, Smith (6 months project year 2, 3 months project years 3, 4, and 5 at \$57/hour)	59,166	29,583	29,583	29,583	\$147,915	
	0	0	0	0	\$0	
Total	96,534	104,319	104,319	104,319	\$409,491	409,491
Fringe Benefits (@ 22%)						
GIS Project Manager, Krucoff (2 months per year at \$66/hour)	0	5,024	5,024	5,024	\$15,072	
GIS Application Developer, Liang (1.5 months per year \$52/hour)	0	2,969	2,969	2,969	\$8,906	
GIS System Administrator, Lo (1.5 months per year \$52/hour)	0	2,969	2,969	2,969	\$8,906	
Program Manager, Boley (3 months year 2, 2 months year 3, 4, 5 at \$72/hour)	8,221	5,481	5,481	5,481	\$24,663	
Public Information Officer, Smith (6 months project year 2, 3 months project years 3, 4, and 5 at \$57/hour)	13,017	6,508	6,508	6,508	\$32,541	
	0	0	0	0	\$0	
Total	21,237	22,950	22,950	22,950	\$90,088	90,088
Travel						
<i>In-State</i>	0	0	0	0	\$0	
<i>Out-of-State</i>	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Equipment						
GIS System Hosting	0	12,000	12,000	12,000	\$36,000	
SCORM Hosting/Maintenance (Content Management System, Service Request Center)	23,000	23,000	23,000	23,000	\$92,000	
SCORM Equipment	30,000	0	0	0	\$30,000	
Total	53,000	35,000	35,000	35,000	\$158,000	158,000
Supplies						
	0	0	0	0	\$0	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	0	0	0	0	\$0	0
Subcontracts						
Contract GIS Database Administrator 1.5 months per year a \$110/hour)	0	28,545	28,545	28,545	\$85,635	
Contract Application Tester	7,000	7,000	7,000	7,000	\$28,000	
Contract Web Developer (250 hours at \$70/hour)	17,500	17,500	0	0	\$35,000	
Total	24,500	53,045	35,545	35,545	\$148,635	148,635
<i>Construction</i>	0	0	0	0	\$0	
Other						
District of Columbia Public Library Cash	165,000	0	0	0	\$165,000	
	0	0	0	0	\$0	
	0	0	0	0	\$0	
Total	165,000	0	0	0	\$165,000	165,000
Total Direct Costs	360,271	215,314	197,814	197,814	\$971,214	971,214
Total Indirect Costs	0	0	0	0	\$0	
Total Costs	360,271	215,314	197,814	197,814	\$971,214	
goal	171,278	214,668	214,668	174,498	775,112	125%

Subcontracts					
Outreach and assistance					
Resource Catalog - Contractor (\$80.00 per/hr for 500 hours)	40,000	0	0	0	\$40,000
Broadband Coordinator - Contractor (\$80.00 per/hr for 1000)	120,000	120,000	120,000	120,000	\$480,000
Business Analyst(\$65.00per/hr @ 350hrs per /yr)	22,750	0	0	0	\$22,750
Community Broadband Liasion - Contractor (\$120.00per/hr for 200 hours per year)	36,000	36,000	36,000	36,000	\$144,000
Tech Assistance/Outreach Coordinator - Contactor (\$70.00 per/hr for 1000)	105,000	105,000	105,000	105,000	\$420,000
Application Development					
Database Admin(\$90.00 per/hr @ 100hrs per/yr)	9,000	0	0	0	\$9,000
Designer(\$85.00per/hr @ 53 hrs per/yr)	4,505	0	0	0	\$4,505
Project Manager(\$70.00per/hr @ 240 hrs per/yr)	16,800	0	0	0	\$16,800
SCORM Web Architect(\$100.00per/hr @ a 1000hrs per/yr)	100,000	100,000	100,000	0	\$300,000
SCORM Web Developer(\$95.00per/hr @ a 1000hrs per/yr)	95,000	95,000	95,000	0	\$285,000
Tester(\$130.00hr @ 53hrs per/yr)	6,890	0	0	0	\$6,890
Web Developer 1(\$70.00per/hr @ 250hrs/ per/yr)	17,500	0	0	0	\$17,500
Total	\$73,445	456,000	456,000	261,000	1,746,445