



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

Submitted Date: Easygrants ID: 4194	
Funding Opportunity: Public Computer Centers	Applicant Organization: PORTLAND, CITY OF
Task: Submit Application - Public Computer Centers	Applicant Name: Ms. Mary Elizabeth (Beth) Henry

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A. General Application Information

Applicant Information	
Name and Federal ID for Applicant	
DUNS Number	054971197
CCR # (CAGE)	3FLZ8
Legal Business Name	PORTLAND, CITY OF
Point of Contact (POC)	SHEILA CRAIG 5038236863 Ext. sblack@ci.portland.or.us
Alternate POC	EILEEN ROE 5038236819 Ext. eroe@ci.portland.or.us
Electronic Business POC	SHEILA CRAIG 5038236863 Ext. sblack@ci.portland.or.us
Alternate Electronic Business POC	EILEEN ROE 5038236819 Ext. eroe@ci.portland.or.us

Name and Contact Information of Person to be Contacted on Matters Involving this Application:	
Prefix	Ms.
First Name	Mary
Middle Name	Elizabeth (Beth)
Last Name	Henry



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Suffix	
Telephone Number	503-823-5414
Fax Number	503-823-5370
Email	mbhenry@ci.portland.or.us
Title	Deputy Dir, Office of Cable Comm. & Fran

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

Project Role	Name	Phone	Email
Secondary Point of Contact	Andreea , Codorean	5038236944	andreea.codorean@ci.portland.or.us

Other Required Identification Numbers

Easygrants ID	4194
Funding Opportunity Number	500000
Catalog of Federal Domestic Assistance Number	BTOP CFDA Number: 11.557 BTOP CFDA Title: Broadband Technology Opportunities Program

Organization Classification

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



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Authorized Organizational Representative	
AOR	CRAIG, SHEILA
Result	Notify

Project Title and Project Description

Project Title: Connect Portland

Project Description: Connect Portland addresses the critical need for broadband access by Portland, Oregon’s most vulnerable residents. It brings together 18 partners and a 35% project match to double public computer capacity by adding 787 desktops and loaner laptops at 33 strategically located, accessible locations, and will deliver targeted training and job-search help in 7 languages.

Other Applications

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

- No

Easygrants ID	Project Title

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

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

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

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

Name	Title	Employer



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B. Executive Summary, Project Purpose and Benefits

Essay Question

Executive Summary of the proposed project:

Connect Portland is committed to connecting and enriching the lives and experiences of everyone in the region. It will address the critical need for broadband access by Portland, Oregon’s most vulnerable residents, including low-income, unemployed, elderly, children, minorities and immigrants. Supported by a 35% funding match from its 18 partners, it will double the number of public computers with broadband access in the region, especially in low-income neighborhoods, with 787 new computer workstations and loaner laptops at 33 accessible locations, including libraries, community organizations and community colleges. The project will also deliver targeted computer courses and job search assistance in 7 languages to more than 24,000 users annually.

Portland is the birthplace of open Internet access and demand for public connectivity is as great as ever. Current public computer centers are not able to meet the needs of the City’s 560,000-plus residents—more than a quarter of whom do not have home computers. The unmet demand for public computers is exacerbated by the community’s myriad economic and social needs—poverty, educational achievement gaps, unemployment, underemployment and the challenges facing immigrant residents.

Without an expansion of public computer capacity, Portland will continue to fall behind in meeting its residents’ significant need for broadband access. Multnomah County Library (MCL), the area’s primary provider of public computers with broadband access, reported serving 95,000 unique users last year—and an average utilization rate of 87% across its 17 branches. Five branches saw utilization of 91% or greater.

Portland’s most vulnerable residents have been particularly hard hit by the economic downturn. The unemployment rate is a full percentage point higher than the national rate and 1,700 Portland



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Public Schools students are homeless. (HUD recently reported that Oregon has the country’s highest homelessness rate.) A 2009 study found that Portland’s school drop-out rate was a high 8.4%. In addition, Portland is home to immigrant populations speaking a wide range of languages, including Chinese, Romanian, Russian, Somali, Spanish and Vietnamese.

Connect Portland will expand broadband access at 33 new and expanded public computer centers across the City, with 156 new desktop workstations at 8 of those centers and an innovative loaner laptop program with 631 netbooks at 33 of the centers. The loaner laptop program creates a public computer center without walls—enabling residents to use a computer at any hour of the day or night and to access the Internet via public Wi-Fi hotspots. The City has initiated discussions with private Wi-Fi providers about participating in and contributing to the project.

The locations of the Connect Portland computer labs were selected to maximize their utility. They will be close to public transit; spread throughout the City to meet the needs of users in many neighborhoods; and housed in facilities with existing staff (paid and volunteer). They will have regular operating hours that, when aggregated, cover times from early morning to late evening, 7 days a week.

The project will include a robust curriculum of computer and job-related courses taught by paid and volunteer trainers and tailored to the specific, identified needs of the vulnerable populations that the centers will serve. Courses will be prepared in English and translated and taught in the City’s 6 other most-prevalent languages. Curricula will run the gamut from basic computer skills to advanced job-readiness training. Particular emphasis will be given to job skills, job search and resume preparation, ESL, computer literacy, effective online searching (e.g., public benefits, housing) and research skills.

Connect Portland is a regional alliance that capitalizes on collaboration and commitment from a stunningly wide range of 18 well-known, established community partners, which indicates not just the community’s ardent support for this project and the strength and sustainability of the operation, but also the number of different vulnerable populations that the project intends to reach.

The Connect Portland project will be implemented and managed by the Portland Office of Cable Communications, which has more than 25 years of operational experience including large grant management experience.



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Mt. Hood Cable Regulatory Commission will contribute grant project management and match funding.

Multnomah County Library (MCL) will contribute expert consulting in outfitting and managing public computer centers, maintaining workstations, scheduling/tracking computer users and training volunteer instructors. MCL will also implement a lending-laptop program at its branches, especially those in low-income communities.

The Housing Authority of Portland will contribute regular outreach to its low-income and senior residents to direct them to the project's labs and courses.

City of Fairview will dedicate space at its community center to a new public computer center with 10 desktops. It will also leverage existing partnerships with the public library system, YWCA Senior Services, Mt. Hood Community College and others to maximize use of the center by underserved populations.

Portland Parks & Recreation Department will provide dedicated space for desktops at 1 community center building and host laptop loaner programs there and at 2 other community centers. The lab will house 30 desktops, will be open 7 days a week and will offer on-site childcare. The laptop loaner program will support 45 laptop netbooks.

Somali Community Services Coalition will house 15 desktop computers and 10 loaner netbooks at a new computer lab at the Somali Community Center—a true community anchor institution for the City's Somali refugee population. The lab will be open to the public 7 days per week. SCSC will also leverage existing partnerships with local community non-profits Neighborhood House and Southwest Neighborhoods to maximize the center's outreach efforts.

Impact Northwest will host computer centers with a total of 45 netbook computers at its 3 regional anti-poverty centers. The centers support many vulnerable residents, including the homeless and recently incarcerated. All three centers will be open extended weekday hours.

North Portland Multimedia Training Center (NPMTC) will house 10 new desktop computers and 20 loaner netbooks at a new computer center and provide job-specific training courses. Regular weekday hours will be augmented by additional hours on two Saturdays per month.



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REACH Community Development, a private non-profit that houses some of Portland’s most vulnerable residents (including elderly, disabled, formerly homeless and working poor) in its 1,300+ units, will contribute regular outreach to its residents to direct them to the project’s labs and courses.

Human Solutions will add capacity to its public computer center and is breaking ground on a new facility in a low-income Portland neighborhood. The new building, which will serve 10,000+ people each year, includes a public computer center with 15 desktop and 15 netbook computers, a collocated center for 8 social service agencies, and 47 units of affordable housing.

Portland Community Media and MetroEast Community Media will contribute their experience in training, multimedia applications, curriculum development and managing lending programs for high-value equipment. Together with MCL, they will tap into the region’s strong core of resident volunteers (more than 600,000 according to a recent study) to train the trainers who will teach classes at the new computer centers. MetroEast Community Media will host 30 netbooks for checkout at its existing facility.

Worksystems, Inc. will support 60 new loaner laptops with specialized skills-building software and provide job-related training at Work Source Portland Metro Centers, where residents can access an array of career counseling, skill development, job training and employment placement services.

Latino Network will install 10 desktop computers at its office and manage 10 netbook computers at 4 school-based programs it operates in Portland public schools. It will also provide Spanish-language training for Latino children and adults.

Portland Community College will upgrade its visual network infrastructure to provide enhanced videoconferencing, rich media capture and streaming video services for 10 of the public computer centers.

Mt. Hood Community College will open or expand 3 computer centers for students and the predominantly low-income residents who live near the centers. Combined, the centers will add 50 desktop computers and 180 netbook computers available for check-out.



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Connect Portland represents an \$11.7 million overall investment—\$7.6 million in federal funding, paired with a 35%, \$4.1 million match (cash and in-kind).

Project purpose:

Portland is the birthplace of open Internet access and demand for public connectivity is as great as ever. Connect Portland will expand public computer center capacity and create robust training curricula to help the City’s most vulnerable residents reap the benefits of broadband access.

Portland’s most vulnerable residents have been particularly hard hit by the economic downturn. Unemployment and poverty are much higher than the national rate, and 1,700 Portland Public Schools students are homeless.

In addition, Portland has many vulnerable immigrant populations speaking a range of languages. For many of these residents, public computers are a critical lifeline for accessing education, receiving public benefits, finding jobs and maintaining social connections.

Without an expansion of public computer capacity, Portland will continue to fall behind in meeting its residents’ significant need for broadband access. Portland’s demand for public computers is well-documented and stunningly deep. Multnomah County Library (MCL), the area’s primary provider of public computers, served 95,000 unique users last year. It reported average utilization of 87% across its 17 branches—with peak wait times of 2+ hours. Five branches saw utilization of 91% or greater. Over an average day, the library’s computers sat idle for no more than the time it takes for users to switch seats and log in. A 2010 newspaper article captured the impact this limited access has on the City’s most vulnerable residents:

“Because of demand, the library allows users only one hour a day system wide. After waiting sometimes two hours just to get online, [a resident] says he must then try to search job sites, fill out applications and check e-mail in case an employer contacts him. All within 60 minutes. If he needs to update his unemployment paperwork, that means he won’t have time to apply for jobs that day. Sometime, his time runs out midway through an application and the computer bumps him off.”

Demand stems in part from vulnerable residents’ lack of home computers. A just-completed, statistically valid study (“Report to the Mount Hood Cable Regulatory Commission on a Community Communications Technology Needs Ascertainment” <http://www.mhrc.org/yourvoice.html>) found that 28% of the County’s 560,000-plus residents do not have computers or Internet access in their homes. The study raised concerns about



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existing public computer access across the area, including that “a significant portion of ... diverse populations do not (have access to broadband internet and computers)”; “many Communities of Interest indicated that ... public access to the Internet continues to be critical and should be expanded”; and that “Communications services and infrastructure are not equitably available throughout the geographic service area... This is another reason why public access to high-speed Internet services, for example, at conveniently located points will continue to be highly valued.”

The research found that residents’ “most common activities using the Internet in the last 30 days included research and education, finding health and medical information, engagement in local government’s online information and using the Internet to support work or employment seeking activities.”

This finding dovetails precisely with BTOP’s statutory objectives and follows logically from residents’ documented needs related to employment and education.

For people looking for work, broadband Internet access is essential for searching, filling out applications and networking. Portland’s unemployment rate is a full percentage higher than the national rate (Jan. 2010) and the state has the nation’s 3rd-highest “underemployment” rate. Nearly a third of Portland residents, then, are not working or not working as many hours as they want to work. Unemployment threatens to increase the City’s 15% poverty rate (as compared to the 9.7% national rate).

Connect Portland will address the area’s critical need for public computers by extending access at labs strategically placed to maximize their utility. They will be close to public transit; spread throughout the area to meet the needs of users in many neighborhoods; and housed in facilities with existing staff . They will also have regular operating hours that, when aggregated, cover times from early morning to late evening 7 days a week.

Connect Portland will also create a “computer center without walls” through the innovative use of loaner netbooks and laptops at 33 locations—essentially extending computer lab access to any hour of the day and any place where residents can access free Wi-Fi which is available throughout Portland.



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An important element of the Connect Portland project is the robust curricula of computer and job-related courses taught by professional and volunteer trainers and tailored to the specific, identified needs of the vulnerable populations that the centers will serve. By presenting courses in the area’s 7 most prevalent languages, the project will also ensure that the most vulnerable residents benefit.

Curricula will run the gamut from basic computer skills to advanced job-readiness training. Emphasis will be on job skills, job search and resume preparation, ESL, computer literacy, effective online searching (e.g., public benefits, housing) and research skills.

Recovery Act and Other Governmental Collaboration:

Connect Portland does not directly leverage any other federal or state development programs. However, the project’s partner organizations will separately continue their own ongoing operations, which include applications to such programs. Some examples of federal funding received and leveraged by the partners for their operations include:

The City of Portland receives federal funding from agencies including: U.S. Department of Housing and Urban Development (HUD); U.S. Department of Justice (DOJ); U.S. Department of Transportation (USDOT); U.S. Environmental Protection Agency (EPA); U.S. Department of Energy (DOE); and U.S. Department of Homeland Security. These funds are used for unrelated housing, infrastructure, transportation, energy, and safety projects already underway.

The City of Fairview receives ARRA funds and CDBG funds used for infrastructure as well as small grants for public safety.

Impact Northwest receives HUD funding for scattered site transitional housing support, Department of Education funding for local schools, and DOE funding for utility assistance.

MHCC receives funding from: Head start grant (Early Head Start), Adult Basic Ed grants, CCAMPIS Child Care, CASS, Cooperative Work experience with U.S. Fish and Wildlife, Head Start, OHSU Dental Grant partner, Perkins IV Vocational Education, Project YESS, Small Business Administration, Steps to Success, TRIO, and Workforce Connections.

Portland Community College receives numerous federal grants annually for educational programs.



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Human Solutions receives HUD funding for Supportive Housing and 5 other programs as well as funding from Department of Health and Human Services for low-income energy assistance and temporary assistance for needy families. There are also funds passed through from Department of Homeland Security for emergency food and shelter.

Portland Parks and Recreation receives ARRA transportation and energy funding for other projects and improvements.

Worksystems receives funding from several federal agencies (USDA, DOD, HUD and Department of Labor) for programs involving workforce development, training, and nutrition assistance.

Technology Strategy:

This regional alliance of 18 partners shared their technology knowledge and computer center best practices during the project planning stages, but will implement their own technology strategies at the individual computer center sites that comprise the project under the umbrella of the Connect Portland Advisory Council. The Council will be made up of representatives of all the partner organizations and will oversee technology planning and implementation. The Council will be chaired by the City of Portland as the grant administrator.

Computers and Printers: The Connect Portland project includes fixed, standalone desktop computer labs and loaner netbook/laptop sites. The computer centers and loaner netbooks/laptops will not be networked, but all of the workstations (desktops, netbooks, and laptops) will share some fundamental software and settings for the sake of reliability and to guard against viruses and accidental or purposeful changes to key configurations. The computers will be loaded with regularly updated anti-virus software, as well as workstation management software that will allow a network administrator to oversee the equipment. Printers will be available at all sites.

This technology strategy enables each partner organization to implement policies and procedures that best fit their existing operations and best meet their constituents' needs. Within that framework, however, partner organizations will continue to collaborate and share best practices and lessons learned from their center operations through the Connect Portland Advisory Council.



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Videoconferencing: The video conferencing component of the project revolves around a robust 90-port high definition bridge that accommodates any number of concurrent meetings up to 90 total users at a time. Within the bridge virtual meeting rooms can be assigned for recurring or designated groups and events. Computer generated materials can be a part of a conference making possible job interviews with content and presentation of educational materials more commonly available in a classroom environment. People can participate from a computer or a designated videoconferencing facility.

Rich Media Capture: A Rich Media Recording is one that allows a user to view recorded video, audio, and computer content in a single browser interface. The uses for this type of service are becoming prevalent in educational institutions as a means of delivering full presentation material. The presentations are automatically chaptered so the user can easily move between the various segments of the presentation. Since videoconferencing systems send audio, video, and computer content, we can route the content to a rich media recorder to capture the media being sent. The videoconferencing system will be used to create rich content and archive meetings and educational material. The Rich Media recording then becomes immediately available to other users or prospective employers. That means that from a public computing center, a user can create a visual resume or training video with their content for distribution anywhere the Internet is available. This is one example of how the services interact and how they are a benefit to computing centers, by empowering the computer center users to create their own content. Since the equipment is located in the Portland Community College (PCC) data center and operated by the Master Control staff, we can support users by scheduling sessions, assisting users, as well as cataloging and maintaining the material that is created.

The equipment needed for this segment of the grant includes servers and management software that will be located in the Portland Community College data center and the Master Control area. PCC server staff will manage and support the servers and Master Control staff will support the users.

Streaming Video: Streaming video services include both Internet video streaming and delivery of broadcast quality video content to computer center users and educators. Public users can create video and/or audio content and store that content on the servers to be streamed as needed. They can also view video content created by others in support of their educational and employment goals. Broadcast quality video can be downloaded as a file to a computer for viewing and then deleted. Copyright protection on existing media will be observed.



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Sustainable Technology: Free Geek, one of the project partners, will act as an ethical Reuse and Recycling endpoint for used computer technology as Connect Portland upgrades its computer terminals in the years to come. Free Geek will also make refurbished computers available to project participants at no or low cost. Information regarding Free Geek’s program will be available at all public computer centers and will be incorporated into the Outreach strategy.

Public Availability:

The Connect Portland project goal is to make its new and expanded computer center facilities as open and available to the public as possible. Connect Portland facilities will be completely free of charge, and will be universally accessible to the general public. During regular hours of operation, the 33 computer centers will be open for public use with no restrictions except for limits on daily usage, as needed, to enable as many residents as possible to access the facilities or when all computers are in use for a class.

Connect Portland’s goal of public availability is also reflected in the care given to the computer centers’ geographic diversity (i.e., reaching nearly every corner of the region, and especially low-income neighborhoods and areas with high unemployment); the centers’ extensive operating hours (cumulatively covering most of the week, from early Monday morning to late Sunday evening); the centers’ proximity to public transportation; the centers’ accessibility for people with disabilities; and the centers’ accommodations for their users’ cultural and linguistic needs (e.g., Spanish-language assistance and materials at the Latino Network facility).

The Connect Portland loaner netbook/laptop program is also a reflection of the project’s goal of public availability: It enables area residents to borrow a netbook or laptop computer as they would a library book—in essence, letting them take the public computer center with them wherever they choose to go and to connect to available free Wi-Fi in the region.

Restrictions on Center Use:

Connect Portland facilities will be universally available to the general public during all regular operating hours. The only foreseeable restrictions are as follows:

1. Limits on daily usage, as needed, to enable as many residents as possible to access the facilities (e.g., one hour per day per user if there is a waiting list—as is currently common practice at local library branches)



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2. Occasional short-term restrictions on center use to enable the teaching of large courses (i.e., to present a class to registrants who will fill every workstation seat in the center for a few hours)
3. Necessary and appropriate security-based requirements for users who want to use a fixed desktop, and for users who want to check out a loaner netbook/laptop.

Involvement of Community College:

Connect Portland includes two community college partners: Portland Community College (PCC) and Mt. Hood Community College (MHCC).

MHCC will open or expand computer centers on 3 campuses for students and for the predominantly low-income residents who live near the centers. Combined, the centers will add 50 desktop computers and 180 netbook computers available for check-out. These 3 centers and the broadband access they provide will enable more of MHCC’s diverse student body and community neighbors to regularly access the Internet for research, class projects, social action, and job searches—thus delivering substantive benefits to MHCC’s core mission of teaching, learning, community engagement, and resource development.

Portland Community College will upgrade its visual network infrastructure to provide enhanced videoconferencing, rich media capture, and streaming video services. It will record and provide access to rich media content as well as educational content developed by the public. Taken together, these project elements will deliver substantive benefits to the community college’s core mission of providing effective teaching and supportive student services to “prepare students for success as individuals, members of a democratic society, and citizens of a rapidly changing world.”

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

- No

Is the applicant delinquent on any federal debt?

- No
- If Yes, justification for delinquency:



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

- No

C. Partners

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

- Yes

If YES, key partners are listed below:

Project Role: Other Name: Foster, Bernie Email: bernie@theskanner.com Address 1: 415 N. Killingsworth St. Address 2: PO Box 5455 Address 3: City: Portland State: Oregon Zip Code: 97228 Organization: The Skanner News Group/The Skanner Foundation Organization Type: Non-profit Foundation Small business: No Socially and economically disadvantaged small business concern: No
Project Role: Other Name: Warsame, Bashir Email: bashirw@comcast.net Address 1: 9123 SW Barbur Blvd Address 2: Address 3: City: Portland State: Oregon Zip Code: 97219 Organization: Somali Community Services Coalition Organization Type: Non-profit Association Small business: No Socially and economically disadvantaged small business concern: No
Project Role: Other Name: Gihring, Patrick



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<p>Email: pgihring@worksystems.org Address 1: 111 SW Fifth Ave Address 2: Suite 1150 Address 3: City: Portland State: Oregon Zip Code: 97204 Organization: Worksystems, Inc. Organization Type: Non-profit Corporation Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Other Name: Walsh, Dee Email: dwalsh@reachcdc.org Address 1: 1135 SE Salmon Street Address 2: Address 3: City: Portland State: Oregon Zip Code: 97214 Organization: Reach Community Development, Inc. Organization Type: Non-profit Corporation Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Other Name: Rudman, Steven Email: stever@hapdx.org Address 1: 135 SW Ash Street Address 2: Address 3: City: Portland State: Oregon Zip Code: 97204 Organization: Housing Authority of Portland Organization Type: City or Township Government Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Other Name: DeMaster, Jean</p>



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<p>Email: jdemaster@humansolutions.org Address 1: 12350 SE Powell Address 2: Address 3: City: Portland State: Oregon Zip Code: 97236 Organization: Human Solutions, Inc. Organization Type: Non-profit Corporation Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Other Name: Stoltenberg, Susan Email: ssoltenberg@impactnw.org Address 1: PO Box 33530 Address 2: Address 3: City: Portland State: Oregon Zip Code: 97292 Organization: Impact Northwest Organization Type: Non-profit Corporation Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Other Name: Rubio, Carmen Email: carmen@latnet.org Address 1: 5123 N Michigan Ave Address 2: Address 3: City: Portland State: Oregon Zip Code: 97217 Organization: Latino Network Organization Type: Non-profit Corporation Small business: No Socially and economically disadvantaged small business concern: No</p>
<p>Project Role: Other Name: Brading, Robert</p>



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Email: rob@metroeast.org
 Address 1: 829 NE Eighth St
 Address 2:
 Address 3:
 City: Gresham
 State: Oregon
 Zip Code: 97030
 Organization: MetroEast Community Media
 Organization Type: Non-profit Corporation
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Other
 Name: Olson, David
 Email: davidol@ci.portland.or.us
 Address 1: 1120 SW Fifth Ave
 Address 2: Suite 1305
 Address 3:
 City: Portland
 State: Oregon
 Zip Code: 97204
 Organization: Mt. Hood Cable Regulatory Commission
 Organization Type: Other
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Other
 Name: Hay, Michael
 Email: michael.hay@mhcc.edu
 Address 1: 26000 SE Stark St
 Address 2:
 Address 3:
 City: Gresham
 State: Oregon
 Zip Code: 97030
 Organization: Mt. Hood Community College
 Organization Type: Other
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Other
 Name: Gibbon, Cindy



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Email: cindyg@multcolib.org
 Address 1: 205 NE Russell St
 Address 2:
 Address 3:
 City: Portland
 State: Oregon
 Zip Code: 97212
 Organization: Multnomah County Library
 Organization Type: Other
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Other
 Name: Santner, Zari
 Email: zari.santner@portlandoregon.gov
 Address 1: 1120 SW 5th Ave
 Address 2: Suite 1302
 Address 3:
 City: Portland
 State: Oregon
 Zip Code: 97204
 Organization: Portland Parks & Recreation
 Organization Type: City or Township Government
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Other
 Name: LeTourneau, Alain
 Email: alain@pcmtv.org
 Address 1: 2766 NE MLK Jr Blvd
 Address 2:
 Address 3:
 City: Portland
 State: Oregon
 Zip Code: 97212
 Organization: Portland Community Media
 Organization Type: Non-profit Corporation
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Other
 Name: Gall, Joseph



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Email: gallj@ci.fairview.or.us
 Address 1: PO Box 337
 Address 2: 1300 NE Village St
 Address 3:
 City: Fairview
 State: Oregon
 Zip Code: 97024
 Organization: City of Fairview
 Organization Type: City or Township Government
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Third party in-kind contributor
 Name: Riester, Leslie
 Email: lriester@pcc.edu
 Address 1: 12000 SW 49th Ave
 Address 2: Sylvania CC 218
 Address 3:
 City: Portland
 State: Oregon
 Zip Code: 97219
 Organization: Portland Community College
 Organization Type: Other
 Small business: No
 Socially and economically disadvantaged small business concern: No

Project Role: Third party in-kind contributor
 Name: Haskins, Dave
 Email: info@freegeek.org
 Address 1: 1731 SE 10th Ave
 Address 2:
 Address 3:
 City: Portland
 State: Oregon
 Zip Code: 97214
 Organization: Free Geek
 Organization Type: Non-profit Corporation
 Small business: No
 Socially and economically disadvantaged small business concern: No



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

The Connect Portland project capitalizes on collaboration and commitment from 18 established community partners that serve a stunningly wide range of the area’s most vulnerable residents. The project will be implemented and managed by the Portland Office of Cable Communications, which has more than 25 years of operational experience. The project’s other partners include government, educational, and community organizations.

The City of Portland Office of Cable Communications will contribute \$40,000 cash toward project management and evaluation as well as staff for project oversight and management.

Mt. Hood Cable Regulatory Commission will contribute grant project management and match funding of \$200,000 cash in the first year and \$100,000 the second year.

Multnomah County Library (MCL) will contribute expertise in outfitting/managing computer centers, maintaining workstations, scheduling computer users, and training volunteer instructors. MCL will also implement a lending netbook program at its branches, especially those in low-income communities. MCL will contribute \$200,000 cash to the project during the first year.

The Housing Authority of Portland will contribute regular outreach to its low-income and senior residents to direct them to the project’s labs and courses.

City of Fairview will dedicate space at its community center to a new 10-desktop public computer lab. It will leverage existing partnerships with the public library system, YWCA Senior Services, Mt. Hood Community College, and others to maximize use of the center by seniors and underserved residents. Fairview will contribute \$10,000 of in-kind match per year.

Portland Parks & Recreation Department will provide dedicated space for desktops at 1 community center building and host netbook loaner programs there and at 2 other community centers. The lab will house 30 desktop computers, will be open 7 days a week, and will offer on-site childcare. The loaner program will support 45 netbooks. The organization will contribute \$90,000 per year of in-kind match.

Somali Community Services Coalition will house 15 desktop computers and 10 loaner netbooks at a new lab at the Somali Community Center—a true community anchor institution for the area’s Somali immigrants. The lab will be open to the public 7 days a week.



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Impact Northwest will host 3 computer centers with a total of 45 netbook computers at its 3 regional anti-poverty centers. The 3 centers support many vulnerable residents, including homeless and recently incarcerated. The organization will contribute \$45,000 of in-kind match per year.

North Portland Multimedia Training Center (NPMTC) will house 10 desktops and 20 loaner netbooks at a new computer center, and will provide job-specific training courses. It will contribute \$35,000 cash and \$6,131 in-kind each year.

REACH Community Development, a non-profit that houses some of Portland’s most vulnerable populations (elderly, disabled, formerly homeless, and working poor residents) in its 1,300+ units, will contribute regular outreach to its residents to direct them to the project’s computer labs and courses.

Human Solutions will add capacity to its public computer center, and is breaking ground on a new facility in a low-income Portland neighborhood. The new building, which will serve more than 10,000 people annually, will include a public computer center and a collocated center for 8 social service agencies on the ground floor and 47 affordable housing units on upper floors. This organization will provide \$45,000 cash and \$10,000 of in-kind match per year.

Portland Community Media and MetroEast Community Media will contribute their many years of experience in training, expertise in multimedia applications and curriculum development, and skill at managing a lending program for high-value equipment. Together with MCL, they will tap into the region’s incredibly strong core of volunteers (more than 600,000, according to a recent “Volunteering in America” study) to train the trainers who will, in turn, teach classes at the computer centers. MetroEast Community Media will host 30 netbooks for checkout at its new computer center. Portland Community Media will contribute \$25,000 of in-kind match per year and MetroEast Community Media will contribute \$5,000 cash and \$15,000 of in-kind match per year.

Worksystems, Inc. will offer 60 loaner laptops with specialized skills-building software and provide job-related computer training at 3 WorkSource Portland Metro Centers, where residents can access career counseling, skill development, job training, and employment placement services. This partner will contribute \$110,000 cash and \$4,000 of in-kind match per year.



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Latino Network has promoted the education, leadership and civic engagement of Portland’s Latino community since 1996. It will install 10 desktop computers at its neighborhood office and manage 10 netbooks at 4 school-based programs it operates. It will also provide Spanish-language training for Latino children and adults. The organization will provide \$10,000 per year of in-kind match.

Portland Community College will upgrade its visual network infrastructure to provide enhanced videoconferencing, rich media capture, and streaming video services. This partner will contribute \$330,000 of in-kind match per year.

Mt. Hood Community College will open or expand 3 computer centers for students and the predominantly low-income residents who live near the centers. Combined, the centers will add 50 desktop computers and 180 netbooks available for check-out. They will contribute \$828,800 cash and \$206,200 of in-kind match per year.

Free Geek will contribute in-kind services by updating computers, salvaging the parts of those that cannot be updated, and disposing of equipment in an environmentally safe manner.

D. Congressional Districts

Applicant Headquarters

- Oregon

Project Service States

Oregon

Project Service Areas

Oregon - 1

Oregon - 3

Oregon - 5



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

- Yes

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

Burns Paiute Tribe, General Council

Confederated Tribes of Coos, Lower Umpqua and Siuslaw Indians

Confederated Tribes of the Grand Ronde

Confederated Tribes of the Umatilla Indian Reservation

Confederated Tribes of the Warm Springs Reservation, Tribal Council

Coquille Indian Tribe

Cow Creek Government Offices

Klamath General Council

Siletz Tribal Council

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

- Yes

E. Demographics

Demographics

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

- Yes



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

Hispanic

Black/African-American

Asian

Native American or Native Alaskan

Native Hawaiian or Pacific Islander

English as Second Language (ESL)

Disabled

Low Income

Unemployed

Senior Citizen (55 and over)

Youth

Other:

Vulnerable Populations

Connect Portland will reach many of the area’s most vulnerable residents by taking specific steps to serve them. This commitment is reflected first and foremost in the diversity of the 18 partner organizations that comprise the project; many of these groups have well-established programs that serve groups in need, from the recently incarcerated and homeless to the elderly, low-income, and unemployed. For example:

Impact Northwest will enhance the involvement of culturally specific technology mentors, utilizing the “promotor” method of social change from within, to reach Slavic, Latino, homeless



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and recently incarcerated populations with support in utilizing technology to locate jobs, housing, education, public and literacy services.

Reach Community Development, a private non-profit corporation housing some of Portland's most vulnerable populations, will alert residents to the availability of new and expanded computer centers in their own facilities and City-wide. Reach's 1,300-plus units house the elderly, disabled, formerly homeless and the working poor.

The Somali Community Services Coalition is a well-established anchor for the City's many Somali refugees. It will conduct its usual effective outreach to its constituents, including new Somali immigrants. It will also offer training in the Somali language.

Latino Network has, since 1996, worked to promote the education, leadership and civic engagement of Portland's Latino youth, families, and communities through Spanish-language training and outreach programs. It operates a primary office in a predominantly low-income Latino neighborhood, and runs school-based programs in Portland public schools.

The Skanner Foundation has for 30 years worked on behalf of Portland's low-income communities of color, helping them obtain valuable and often imperative community information. Through the North Portland Multimedia Training Center, it will continue its vigorous outreach efforts to inform the low-income communities of color that access to computers is now within their reach through the Connect Portland project, and will encourage residents to become computer literate as a way to improve their lives and bring them into the 21st century.

At Worksystems, WorkSource Center services are available to all residents over the age of 18. Between July 1, 2009 and February 25, 2010, the centers have provided services to 40,921. Of those, 68% are Caucasian, 12% are Hispanic or Latino, 9% are African-American, 7% are Asian, 3% are American Indian or Alaska Native, and 2% are Hawaiian Pacific Islander. The vast majority are unemployed and low income. Additionally, they face other barriers including homelessness, disabilities, criminal history, or low basic skills.

Accessibility

All of Connect Portland's proposed computer centers will be accessible and welcoming to people with disabilities. Each building complies with the accessibility requirements of the Americans



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with Disabilities Act (ADA), and the City and its partners are committed to providing residents with disabilities the opportunity to participate in all its programs, services, and activities.

Specialty software and hardware will be available on desktop computers at all centers for users who are visually, hearing, or physically disabled. The accessible equipment will include: headphones, large monitors, high-visibility keyboards, track ball mice, specialty workstations, Zoomtext screen magnification software, JAWs screen reader software, voice-enabled software, and other accommodations. It is anticipated that the majority of users with special needs will use the computer centers and take advantage of the resources available at those centers.

Other Languages

Connect Portland training and course material will be presented in English and the six other most-common languages spoken in Portland—Chinese, Romanian, Russian, Somali, Spanish, and Vietnamese.

Translation expenses are included in the project budget for course and curriculum development, and the partner organizations are committed to multilingual training efforts. In many cases, this multilingual approach will be merely a continuation of well-established community services, such as training offered in native languages at the Somali Community Center, the Latino Network, and other partner sites serving non-English-speakers.

Outreach efforts will also be multilingual, and will include joint efforts with community news organizations, including The Asian Reporter, The El Hispanic News, and other ethnic newspapers that serve minority communities in their native languages.

Outreach

Public Computing Centers Outreach

Connect Portland is a regional alliance that capitalizes on collaborative commitment from a wide range of 18 well-known, established community partners that serve Portland’s most vulnerable residents, and focus on reaching targeted populations. Each partner is committed to strong, linguistically appropriate outreach efforts to its existing constituents, as well as expanding its reach with a variety of communications methods. Given the overwhelming demand



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for computer center capacity in this region, news of the centers will travel by word-of-mouth within the communities they serve.

The project outreach strategy will blanket the disenfranchised areas of Portland/Multnomah Co. with information about the centers and training that recognizes low-income communities of color often obtain information differently. This includes a variety of social interactions and information gained through friends, barber/beauty shops, comm. centers, local comm. media, dentist/doctor offices, corner grocery stores, and churches.

The Skanner Newsgroup/North Portland Multimedia Training Center (NPMTC) has 30 yrs. of media expertise in successfully reaching low-income communities and helping them obtain valuable information like the availability of public computers. The outreach methods will inform them that access to computers is now within their reach, and will encourage residents to become computer literate as a way to improve their lives. 1) Direct community outreach: Neighborhood associations, events, churches, medical and dental offices, residential housing, project sites, and local businesses will be provided with fliers advertising the project and listing the computer access sites with detailed information on hours and services available. Information will be translated into languages to accommodate the various ethnic groups in the community. 2) Media outreach: Using local minority and area media to announce the project, listing site details, and to announce project informational community events translated into languages to accommodate the community's various ethnic groups. 3) Digital Video: Provide ongoing area-wide video coverage of the project and its beneficiaries by producing video shorts that feature all project partners including interviews of key people involved in the project. Productions will be disseminated via community access channels, media websites, and on CD for distribution at community events. 4) Community Events: Connect Portland will have a presence at many community events - African American Home Buying Fair, Martin Luther King Jr. Breakfast, Good in the Hood, Cinco de Mayo, and other ethnic fairs held throughout the year. Project partners will provide literature, CDs, and direct one-on-one outreach at these events. Overall project outreach will be provided by NPMTC and their disadvantaged business partners -The Skanner Newsgroup, The Asian Reporter, The El Hispanic News, The Portland Observer, and other minority community newspapers.

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

➤ 30400



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Training and Education

Peripherals and equipment

The Connect Portland project partners worked collaboratively to develop a comprehensive list of technology needs, and to standardize peripherals and equipment to the extent possible for easier, more cost-effective support.

Each center will include equipment and infrastructure to support a wide variety of uses, including training, education, employment activities, research, social interaction and any other uses requiring a computer and the Internet. Each facility will have the following equipment and services:

- Computer/video projection equipment
- Audio/video conferencing capabilities
- Distance learning capabilities
- VoIP capabilities from each computer
- Printing and scanning
- DSL, Cable Modem or connection to the I-Net

The overall project includes 17 printers, 16 projectors and projector screens, 16 laptop storage carts, 140 headphones, 45 Webcams, 45 microphone headsets, 172 security cables, 65 spare batteries and chargers, 10 video security systems, and essential network management equipment, routers, servers, and related switches and cables for each center. The project also includes video capture and videoconferencing equipment at the Portland Community College facility.

Workstation software

The computer centers will offer a wide range of services and capabilities via the Internet and using software installed on each computer. All computers will be configured to allow support for multiple languages, and several computers at each location will have additional adaptive technology and software installed to accommodate users who may have physical, visual or hearing disabilities. Each computer will have Microsoft Office software installed plus a choice of Internet browsers and current Internet plug-ins and drivers to accommodate a wide variety of uses and needs. Some of the workstations will have specialized software, including Adobe Creative Suite, Rosetta Stone (for English-language training), and Professor Teaches (for self-



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paced instruction in Microsoft Office). In addition, some specialty software will be included for staff and volunteer training.

Whenever possible, Web-based software will be employed for specific needs and uses, such as for training and educational instruction.

The computers at the centers will be controlled and maintained through the use of environment management software, including image management, asset, security, and power management controls. Computer center users' privacy and security will be protected through the use of this software, and the need for ongoing technical support and maintenance work will be reduced using asset and environment management software.

Training and education programs

Connect Portland will provide a robust curriculum of computer and job-related courses taught by paid and volunteer trainers and tailored to the specific, identified needs of the vulnerable populations that the centers will serve. Particular emphasis will be given to job skills, job search and resume preparation, ESL, computer literacy, effective online searching and research skills.

The centers will coordinate and share information about curricula they have successfully used in the past and share curriculum updates with all project partners. Connect Portland's partners will tap into the region's incredibly strong core of resident volunteers (more than 600,000 across the Metropolitan Statistical Area according to a recent study by "Volunteering in America") to "train the trainers" who will, in turn, teach classes and provide individualized instruction at each of the new computer centers. Training will be provided in the seven major languages spoken with the Portland-area.

Portland Community Media (PCM) and MetroEast have over 25 years of experience providing video production training to community members. Today, this includes training on the use of video production equipment, use of computers for editing videos and images, as well as the use of new media for social networking.

PCM uses a multimedia project-based training model that utilizes the production of projects to teach technology. Projects are focused on community engagement with project criteria set forth by PCM. The curriculum is hands-on, and uses verbal description, written materials, and live demonstration in the training process.



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In today’s modern office environments, new media and the use of video and electronic images have been integrated into the workplace. The training curriculum will provide participants with the skills to become media literate, and to explore how social media can enhance their ability to gain employment and function within the workplace. In addition, the curriculum will teach how to use new technology to communicate effectively.

Shorter duration skills trainings can allow participants to build off skills they already possess, or to learn something new. Skills trainings are technology focused, though the approach is the same as with project-based workshops, participants receive hands-on training supplemented by written materials, as well as references to online resources participants can return to post training to continue to build their skill set.

The North Portland Multimedia Training Center (NPMTTC), a project of The Skanner Foundation and located at the African-American news organization The Skanner Newsgroup, provides technical training and creates jobs in the community.

In addition to supervised independent learning, one Saturday workshop a month (4 hours) will be offered on the topics of journalism, editing, graphic design, publishing and photo editing. The ability to write a concise version of a complicated topic is a skill that is needed in business, government, education and the community. With the volume of daily information bombarding everyone, there is an urgent need to be able to select the fewest but most compelling words to provide vital community information. This class will provide computer-based state-of-the-art instruction in this skill plus the use of color, graphics, photography and consistent layout necessary to effective journalism. One Saturday a month (4 hours) will be scheduled for workgroups to meet on specific topics to provide peer support in computer usage.

Training at the Somali center will focus on providing the Somali community job readiness skills, job search and resume preparation, ESL training, computer literacy training, introduction to online housing searches, and research, typing and homework assistance for students.

Worksystems, Inc.’s WorkSource Portland Metro centers offer a robust menu of services to the public, including basic education, computer literacy, ESL instruction, career counseling, occupational training, resume and interview help, and job placement services. All WorkSource Portland Metro locations have computer resource rooms that offer access to computers, faxes,



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phones, skill development and job search software tools, as well as staff assistance. Additionally, all locations have computer learning labs where basic computer literacy and other technology-based instruction is taught.

When checking out a laptop computer, Worksystems customers engaged in Workplace Computer Literacy will be able to access “Professor Teaches” software and complete projects to practice their skills in Microsoft Office. Customers will be able to build their skills and learn everything from beginning to advanced topics. The tutorials are organized for fast and easy learning with practical exercises that build skills quickly and effectively. This is a software based program that can be loaded on each laptop. The Vocational Trainers will create an individualized training plan based on customer’s career goals. Customers will also be able to work on other practical exercises to apply their skills such as using Word to create a resume and cover letter, using Excel to create a budget, making a PowerPoint presentation to market their skills. This will make learning applicable to their job search.

Training at the Latino Network will include basic computer skills as well as more advanced classes for teens and adults.

The partners will ensure that a wide variety of classes are available to meet the need of the specific populations served by each of the centers.

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

- 30400

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

- 5

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

- 12

F. Project Budget



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Project Budget	
Federal Grant Request	\$7,598,462
Total Match Amount	\$4,090,262
Total Budget	\$11,688,724
Match Percent	35.0%

Projects Outside Recommended Funding Range:



Sustainability:

The Connect Portland project will be implemented and managed by the Portland Office of Cable Communications, which has more than 25 years of successful operational experience.

Connect Portland’s 18 partner organizations are all well-established operations with prudent budgets, extensive public and private funding sources, and deep roots in the communities they serve. They are operated by experienced management teams and have solid track records of providing service to their constituents. That fact that there are so many partners minimizes the challenge of sustainability by spreading the necessary resources across many organizations.

In addition, the Connect Portland project has been designed to minimize ongoing operating costs. Partner organizations are largely assuming responsibility for costs related to management, staffing, facilities, and ongoing operations, both during the funding period and as an important ongoing element of their core missions. Also, the partner organizations are all sufficiently large that their participation in Connect Portland represents a small addition to their ongoing operations, rather than a core element of their budgets.

In terms of physical infrastructure, Comcast will construct and maintain the I-Net fiber that supports these public computer centers through a franchise agreement with the City. The connection to the I-Net will allow far greater speeds than currently exist for only a modest increase in cost.



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A major partner for the project in the area of sustainability is Free Geek, which will contribute in-kind services by updating the computers once they have reached their useful life, salvaging the parts of those that cannot be updated and disposing of equipment in an environmentally safe manner. They will also be involved in making computers available to those who cannot afford to buy a computer of their own.

The City will create two new positions for the oversight and management of the project that will continue beyond the initial two-year grant funding. The City staff positions will work to gain additional funding, through grants and partnerships to replace technology beyond the initial grant period and to upgrade curriculum.

Both of the community college partners will continue to provide the staffing they have included in the project beyond the initial grant funding period. Other partners will work to sustain the positions included in the project and incorporate technology support into their on-going budgets.

Matching Funds	
Applicant is providing matching funds of at least 20% towards the total eligible project costs?	Yes
Describe the matching contributions	<p>Connect Portland’s partners have committed cash and in-kind matching contributions as follows:</p> <p>The City of Portland Office of Cable Communications will contribute \$40,000 cash and in-kind toward project management and evaluation as well as staff for project oversight and management.</p> <p>Mt. Hood Cable Regulatory Commission will contribute grant project management and match funding of \$200,000 cash in the first year and \$100,000 in the second year.</p> <p>Multnomah County Library (MCL) will contribute \$200,000 cash to the project during the first year and in-kind expert consulting services related to outfitting/managing computer centers, maintaining</p>



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	<p>workstations, scheduling computer users, and training volunteer instructors.</p> <p>The Housing Authority of Portland will contribute outreach services.</p> <p>City of Fairview will contribute \$10,000 of in-kind match per year, including dedicated computer lab space at its community center.</p> <p>Portland Parks & Recreation Department will contribute \$90,000 per year of in-kind match, including dedicated computer lab space at 3 community centers.</p> <p>Impact Northwest will contribute \$45,000 of in-kind match per year, including dedicated space for 3 computer centers.</p> <p>North Portland Multimedia Training Center (NPMTC) will contribute \$35,000 cash and \$6,131 in-kind each year, including dedicated computer lab space.</p> <p>REACH Community Development will contribute outreach services.</p> <p>Human Solutions will provide \$45,000 cash and \$10,000 of in-kind match per year, including dedicated computer lab space.</p> <p>Portland Community Media will contribute \$25,000 of in-kind match per year to oversee the curriculum development and training of paid and volunteer teachers.</p> <p>MetroEast Community Media will contribute \$5,000 cash and \$15,000 of in-kind match per year, including dedicated computer lab space and training volunteer teachers.</p> <p>Worksystems, Inc. will contribute \$110,000 cash and \$4,000 of in-kind match per year, including dedicated computer lab space and training.</p>
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	<p>Latino Network will provide \$10,000 per year of in-kind match, including dedicated computer lab space.</p> <p>Portland Community College will contribute \$330,000 of in-kind match per year, including extensive technical and operational support for the project’s visual network infrastructure.</p> <p>Mt. Hood Community College will contribute \$828,800 cash and \$206,200 of in-kind match per year, including dedicated computer lab space.</p> <p>Free Geek will contribute in-kind services by updating computers, salvaging parts, and disposing of equipment in an environmentally safe manner.</p>
Unjust enrichment	Neither Connect Portland nor its partner organizations are receiving or have applied for any federal support for non-recurring costs in the area in which they are seeking an award.
Disclosure of federal and/or state funding sources	<p>Connect Portland does not directly leverage any other federal or state development programs. However, the project’s partner organizations will separately continue their own ongoing operations, which include applications to such programs. Some examples of federal funding received and leveraged by the partners for their operations include:</p> <p>The City of Portland receives federal funding from agencies including: U.S. Department of Housing and Urban Development (HUD); U.S. Department of Justice (DOJ); U.S. Department of Transportation (USDOT); U.S. Environmental Protection Agency (EPA); U.S. Department of Energy (DOE); and U.S. Department of Homeland Security. These funds are used for unrelated housing, infrastructure, transportation, energy, and safety projects already underway.</p> <p>The City of Fairview receives ARRA funds and CDBG funds used for infrastructure as well as small grants for public safety.</p>



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	<p>Impact Northwest receives HUD funding for scattered site transitional housing support, Department of Education funding for local schools, and DOE funding for utility assistance.</p> <p>MHCC receives funding from: Head start grant (Early Head Start), Adult Basic Ed grants, CCAMPIS Child Care, CASS, Cooperative Work experience with U.S. Fish and Wildlife, Head Start, OHSU Dental Grant partner, Perkins IV Vocational Education, Project YESS, Small Business Administration, Steps to Success, TRIO, and Workforce Connections.</p> <p>Portland Community College receives numerous federal grants annually for educational programs.</p> <p>Human Solutions receives HUD funding for Supportive Housing and 5 other programs as well as funding from Department of Health and Human Services for low-income energy assistance and temporary assistance for needy families. There are also funds passed through from Department of Homeland Security for emergency food and shelter.</p> <p>Portland Parks and Recreation receives ARRA transportation and energy funding for other projects and improvements.</p> <p>Worksystems receives funding from several federal agencies (USDA, DOD, HUD and Department of Labor) for programs involving workforce development, training, and nutrition assistance.</p>
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Budget Narrative	
Budget narrative	<p>Connect Portland represents an \$11.7 million overall investment—\$7.6 million in federal funding, paired with a 35 percent, \$4.1 million match (cash and in-kind contributions).</p> <p>The preliminary project budget includes standard costs for creating</p>



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	<p>computer centers, including hardware, software, peripherals, furniture, internal networking, salaries for a project manager and an IT administrator, and capital costs related to implementation (e.g., minimal construction to prepare the computer center rooms, I-Net fiber extension to each center, etc.).</p> <p>It includes expenses related to security, both for the physical computer center facilities (e.g., door locks, video surveillance) and for the loaner laptops (e.g., lockable laptop carts, Lojack systems).</p> <p>The budget also includes visual network infrastructure at an existing Portland Community College facility, which will provide enhanced videoconferencing, rich media capture, and streaming video services. It will be used to record and provided access to available rich media content as well as educational content developed by the public. Further, it will help to reach rural and under-served communities by accessing the existing Oregon statewide community college group of 17 colleges through video conference and shared use of the visual network infrastructure services.</p> <p>Most of the new and expanded centers will leverage I-Net connectivity for their broadband access, and each of the proposed locations is accessible to the I-Net with limited need for fiber construction.</p> <p>The proposed Connect Portland spending plan/timeline includes the following planned activities and acquisitions: Initiation –October 2010 -Activities: final project definition (data sheet), business requirements, estimation worksheet Planning –Nov 2010-Jan 2011-Activities: technical design including architecting network infrastructure, set schedule, responsibility matrix, communications plan, program measures established, training plan, support plan Execution –Feb 2011-Jan 2012-Activities: equipment acquisition, setup and configuration, staff training, deployment, monthly statistics reporting and assessment, maintenance and support, re-deployment</p>
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	<p>and adjustments Operations Feb 2011–September 2012-Training, network operational – open 2 centers per month Closing –April-June 2012-Activities and Sustainability Milestones: Formal acceptance, formal program evaluation, lessons learned, final support plan for ongoing maintenance and operation in place and functioning</p>
Budget reasonableness	<p>Connect Portland represents an \$11.7 million overall investment—\$7.6 million in federal funding, paired with a 35 percent, \$4.1 million match (cash and in-kind contributions). The extremely high matching funds are a strong indication of the project’s budget reasonableness; the partners have all committed extensive resources, and thus have an even greater incentive to ensure that every line item on the budget represents money well-spent.</p> <p>The preliminary project budget includes standard, well-established costs for creating computer centers, based on the partner organizations’ extensive experience in outfitting and operating similar centers. It benefits from the City’s ability to use discounted procurement vehicles that are available to the partners, which will enable the Connect Portland partners to purchase hardware, software, and related equipment at reasonable prices.</p> <p>The budget includes the standard elements of a public computer center operation: hardware, software, peripherals, furniture, internal networking, salaries for a project manager, support staff, Information Systems Analysts and an IT administrator, and capital costs related to implementation (e.g., minimal construction to prepare the computer center rooms, I-Net fiber extension to each center, etc.).</p> <p>The budget also includes costs for a range of necessary and prudent security systems, both for the fixed facilities and the portable computers that comprise the project’s innovative loaner netbook/laptop program.</p>



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	<p>The budget is even more reasonable given combination of paid teachers and volunteers who will provide training. Together with MCL, Portland Community Media and MetroEast Community Media will tap into the region’s incredibly strong core of resident volunteers (more than 600,000 across the Metropolitan Statistical Area according to a recent study by “Volunteering in America”) to “train the trainers” who will, in turn, teach classes and provide individualized instruction at each of the new computer centers.</p>
<p>Demonstration of need</p>	<p>The best demonstration of financial need for Connect Portland comes from the individual statements of its partner organizations, which unanimously cite budgetary restraints—exacerbated by the current poor economic environment in Portland and resultant budgetary and fundraising difficulties—that would prevent them from participating in the proposed project but for federal funding. Individual partner responses include:</p> <p>Impact Northwest: “In the absence of this proposed project for computer centers, however, we cannot afford sufficient resources to provide these services, and are in danger of losing even the limited potential we currently have to provide these services.”</p> <p>Multnomah County Public Library: “In the absence of this proposed project for computer centers, however, we cannot afford sufficient resources to provide these services beyond our current level of service.”</p> <p>Reach Community Development: “This project will help us to serve and support low-income populations in our community. I recognize that, in the absence of BTOP funding being granted to this proposed project, sufficient resources to provide these services are not available.”</p> <p>Worksystems, Inc.: “As Portland’s one-stop public resource for employment and training services established by the Workforce Investment Act and funded primarily through the US Department of</p>



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	<p>Labor, Worksystems operates on a tight budget. To enhance the access of Portland’s disadvantaged populations to its existing services, Worksystems, Inc. has already established partnerships with a wide range of organizations, including Catholic Charities, Human Solutions, Impact Northwest, International Refugee Community Organization, Native American Rehabilitation Association, Native American Youth & Family Center, Neighborhood House, Self-Enhancement, Inc., Goodwill Industries of Oregon, Multnomah County Department of Domestic Violence, Central City Concern and the Housing Authority of Portland.”</p> <p>Mt. Hood Community College and Portland Community College: “In the absence of this proposed project for computer centers and enhanced video services, however, we cannot afford to provide these services beyond our current level of service.”</p> <p>Housing Authority of Portland: “...in the absence of BTOP funding being granted, sufficient resources to provide these services are not available.”</p> <p>Somali Community Services Coalition (SCSC): “In the absence of this proposed project for computer centers, however, we cannot afford sufficient resources to provide these services beyond our current level of service.”</p>
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Funds to States/Territories

States	Amount of Federal Grant Request
Oregon	7,598,462

Funds to States/Territories Total: \$7,598,462



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G. Historical Financials

Matching Funds			
	2007	2008	2009
Revenue	1,351,997,834	1,296,141,336	1,308,878,179
Expenditures	1,367,466,775	1,378,522,406	1,465,031,073
Net Assets	2,684,131,513	2,684,131,513	2,445,597,549
Change in Net Assets from Prior Year	15,468,941	82,381,070	156,152,894
Bond Rating (if applicable)	Aaa	Aaa	Aaa

H. Public Computer Center Summary

Jobs	
How many direct jobs-years will be created from this project?	21
How many indirect jobs will be created from this project?	60
How many jobs will be induced from this project?	46

Methodology used to estimate jobs:

The methodology used to calculate the job-years estimates in this application was the one recommended in the Council of Economic Advisor's guide to job creation estimates <http://www.whitehouse.gov/administration/eop/cea/Estimate-of-job-creation> for definitions and background.

Proposed # of Public Computer Centers	
Schools (k-12)	4
Libraries	17
Medical and Healthcare Providers	0
Public Safety Entities	0



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Community Colleges	1
Public Housing	1
Other Institutions of Higher Education	0
Other Community Support Organization	7
Other Government Facilities	3

Total Proposed Public Computer Centers 33

Current Total Persons in Service Area 715000

Minority Serving Institutions	
Historically Black Colleges and Universities	0
Tribal Colleges and Universities	0
Alaska Native Serving Institutions	0
Hispanic Serving Institutions	1
Native Hawaiian Serving Institutions	0
TOTAL MINORITY SERVING INSTITUTIONS	1

Weekly Usage Summary	
Total Current # of Persons Served per 120-hour Business	10908



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Week	
Total Proposed # of Persons Served per 120-hour Business Week	24451
Total Current # of Persons Served per 48-hour Weekend	2780
Total Proposed # of Persons Served per 48-hour Weekend	5970

Broadband Workstation Summary	
Number of Current Workstations proposed to be upgraded	13
Total Current # of Broadband Workstations	675
Total Proposed # of Broadband Workstations	787
Average Current Facility Broadband Connection Speed	128.20 Mbps
Average Proposed Facility Broadband Connection Speed	200.00 Mbps

I. Project Readiness

Licenses and Regulatory Approvals

Approval was granted by Ordinance of the Portland City Council on March 10, 2010 authorizing the Office of Cable Communications and Franchise Management to submit this application for BTOP PCC funding (see copy of approved Ordinance in Uploads section) on behalf of the Connect Portland project.

No additional local, state, or federal licenses or regulatory approvals are required to complete the project other than standard procurement procedures to acquire the equipment if the grant is funded.



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Organizational Readiness

Connect Portland proposes to commence the project in October 2010 following the deadline for approval and funding of the BTOP PCC grant program. Connect Portland is committed to connecting and enriching the lives and experiences of everyone in the region. It will address the critical need for broadband access by Portland, Oregon’s most vulnerable residents, including low-income, unemployed, elderly, children, minorities and immigrants.

Connect Portland’s 18 partner organizations are all well-established operations with prudent budgets, extensive public and private funding sources, and deep roots in the communities they serve. They are operated by experienced management teams and have solid track records of providing service to their constituents. That fact that there are so many partners minimizes the challenge of sustainability by spreading the necessary resources across many organizations.

In addition, the Connect Portland project has been designed to minimize ongoing operating costs. Partner organizations are largely assuming responsibility for costs related to management, staffing, facilities, and ongoing operations, both during the funding period and as an important ongoing element of their core missions. Also, the partner organizations are all sufficiently large that their participation in Connect Portland represents a small addition to their ongoing operations, rather than a core element of their budgets.

In terms of physical infrastructure, Comcast will construct and maintain the I-Net fiber that supports these public computer centers through a franchise agreement with the City. The connection to the I-Net will allow far greater speeds than currently exist for only a modest increase in cost.

A major partner for the project in the area of sustainability is Free Geek, which will contribute in-kind services by updating the computers once they have reached their useful life, salvaging the parts of those that cannot be updated and disposing of equipment in an environmentally safe manner. They will also be involved in making computers available to those who cannot afford to buy a computer of their own.

The City will create two new positions for the oversight and management of the project that will continue beyond the initial two-year grant funding. The City staff positions will work to gain additional funding, through grants and partnerships to replace technology beyond the initial grant period and to upgrade curriculum.



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Both of the community college partners will continue to provide the staffing they have included in the project beyond the initial grant funding period. Other partners will work to sustain the positions included in the project and incorporate technology support into their on-going budgets.

Project Timeline and Challenges

The following represents the proposed Timeline for implementation of the Connect Portland project upon funding:

Initiation–October 2010

Activities: final project definition (data sheet), business requirements, estimation worksheet

Planning–Nov 2010-Jan 2011

Activities: technical design including architecting network infrastructure, set schedule, responsibility matrix, communications plan, program measures established, Training plan, support plan

Execution–Feb 2011-Jan 2012

Activities: equipment acquisition, setup and configuration, staff training, deployment, monthly statistics reporting and assessment, maintenance and support, re-deployment and adjustments

Operations-Feb 2011 – September 2012

Training, network operational – open 2 centers per month

Closing of Federal Funding - April-June 2012

Activities and Sustainability Milestones: Formal acceptance, formal program evaluation, lessons learned, final support plan for ongoing maintenance and operation in place and functioning

Potential challenges to this timeline include: the date of availability of the BTOP funding; availability and acquisition of required equipment, software, and peripherals; and initial set up and training at each center. The project team has planned for a steady schedule of implementation taking into account possible delays mentioned above.

SPIN Number



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J. Environmental Questionnaire

Does this PCC application have construction or ground disturbing activities?

No

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

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

Yes

A total of 787 desktop and loaner netbook/laptop computers, software, and peripherals will be acquired and made available in the centers as part of the project. All centers and equipment (inc loaner netbooks) will be within existing bldgs-some with minor renovation to create a PCC.

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

Yes

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

Yes

One of the partners, Human Solutions, is operating out of a temporary facility and is in the process of constructing a new facility that will house a PCC. The project also involves minor interior renovation of existing space to create a Computer Center at Mt. Hood Community College.



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

Yes

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

Yes

All Computer Centers will have robust training sessions held at their existing facilities.

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

No

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

Yes

Ten of the Computer Centers will have an upgrade to their broadband service via the Institutional Network (I-Net). This aerial network will increase broadband speeds to a minimum of 200 Mbps.

K. Environmental Questionnaire – Part 2

Project Description

One of the partners, Human Solutions, is operating out of a temporary facility and is in the process of constructing a new facility that will house a PCC. Mt. Hood Community College has planned minor interior renovations to make existing space into a Computer Center. All other Computer Centers will be created within existing spaces with the addition of computer equipment and furniture.



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Property Changes

Buildings

Wetlands

Critical Habitats

Floodplain

Protected Land

Coastal Area

Brownfield



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Uploads

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

Upload Name	File Name	Uploaded By	Uploaded Date
Management Team Resumes and Organization Chart	Connect Portland Key Mgt Resumes-Organizational Chart.pdf	Henry, Mary	03/14/2010
Government and Key Partnerships	Govt-Partner Commitment Letters.pdf	Henry, Mary	03/14/2010
Historical Financial Statements	Final-CITY OF PORTLAND AND KEY PARTNERS HISTORICAL FINANCIALS.pdf	Henry, Mary	03/14/2010
Public Center Detail	Connect Portland PCC Details Attachment-FINAL 03-13-10 w zipmbh-clj.xls	Henry, Mary	03/14/2010
Detailed Budget	Final-Detailed Budget Instructions and template-Connect Portland 03-15-10 mbh.xls	Henry, Mary	03/15/2010
BTOP Certifications	BTOP_PCC CityofPortland Authentication and Certification.pdf	Henry, Mary	03/13/2010



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SF424 Budget (A or C)	Final-SF-424A 03-15-10 mbh.pdf	Henry, Mary	03/15/2010
SF424 B and D Assurances	SF-424B Assurances Form Signed-Final 03-13-10.pdf	Henry, Mary	03/13/2010
Supplemental Information	Approved City Ordinance 183602-Connect Portland PCC Application.pdf	Henry, Mary	03/13/2010
Supplemental Information	Congressional-Elected-Community Letters of Support.pdf	Henry, Mary	03/14/2010