



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

<b>Submitted Date:</b> 8/12/2009 2:32:39 PM		<b>Easygrants ID:</b> 346	
<b>Funding Opportunity:</b> Public Computer Centers and Sustainable Broadband Adoption		<b>Applicant Organization:</b> OSHEAN Inc.	
<b>Task:</b> Submit Application - Non-Infrastructure Programs		<b>Applicant Name:</b> Mr. George K. Loftus	

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**A. General Application Information**

<b>1. Applicant Information</b>	
<b>1-A. Name, Address, and Federal ID for Applicant</b>	
<b>i. Legal Name:</b>	OSHEAN Inc.
<b>ii. Employer/Taxpayer Identification Number (EIN/TIN):</b>	050509325
<b>Street 1:</b>	6946 Post Road, Suite 402
<b>Street 2:</b>	
<b>City:</b>	North Kingstown
<b>County:</b>	Washington
<b>State:</b>	RI
<b>Country</b>	United States
<b>Zip/Postal Code:</b>	02852

<b>1-B. Name and Contact Information of Person to be Contacted on Matters Involving this Application:</b>	
<b>Prefix:</b>	Mr.
<b>First Name:</b>	George
<b>Middle Name:</b>	K.
<b>Last Name:</b>	Loftus
<b>Suffix:</b>	
<b>Telephone Number:</b>	401-886-0887
<b>Fax Number:</b>	
<b>Email:</b>	George@OSHEAN.org
<b>Title:</b>	President and CEO

<b>1-C. Other Required Identification Numbers</b>
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<b>i. Organizational DUNS:</b>	025488169
<b>ii. CCR # (CAGE):</b>	57DY4
<b>iii. Funding Opportunity Number:</b>	2
<b>iv. Catalog of Federal Domestic Assistance Number:</b>	<b>BTOP CFDA Number:</b> 11.557 <b>BTOP CFDA Title:</b> Broadband Technology Opportunities Program

**1-D. Organization Classification**

Non-Profit Corporation

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

Is the **Applicant** Delinquent On Any Federal Debt?  
No

**Federal debt delinquency Explanation:**

OSHEAN is not delinquent on a federal debt, therefore Question 1 is not applicable.

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

**Applicant:** Rhode Island - 2

**Program/Project**

Rhode Island - 1

Rhode Island - 2

**2. Project Title and Project Description**

**2-A. Project Title :** Beacon 2.0 LCC (Library Computer Center)

**2-B. Project Description:** Partnering with Ocean State Libraries, a consortium of all the state's libraries, OSHEAN's Beacon 2.0 LCC program will provided desperately needed computers to 49 libraries at over



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70 locations throughout Rhode Island. It will also provide 10 new mobile public computer centers that provide library patrons with broadband access, training, and distance learning capabilities.

**3. Project Type**

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

**Project Type:** Public Computer Center

**Project ID:** 2

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

TYPE: BTOP Category 1 Broadband Infrastructure, Middle Mile

PROGRAM TITLE: Beacon 2.0

PURPOSE: Provide access (and in some cases direct connectivity by anchor institutions) to broadband fiber throughout the southern portion of the State of Massachusetts.

TYPE: BTOP Category 2 Public Computer Center

PROGRAM TITLE: Beacon 2.0 PHA (Providence Housing Authority)

PURPOSE: To provide a computer center for use by the Providence Housing Authority (PHA) to assist its constituency with computer literacy training and broadband access.

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

Estimated Funding (\$):	
Federal	1,245,500
Applicant	
State	
Local	
Other	354,475
Program Income	
<b>Total</b>	<b>1,599,975</b>



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## B. Eligibility Factors

### 6. Eligibility Factors.

<b>The application must be completed fully, and all required supplemental documentation must be attached.</b>
<b>Applicants must commit to substantially completing their Project (as defined in the NOFA) within two years of the award date, and completing the Project within three years of the award date.</b>
<b>Applicants must credibly demonstrate that their Project advances at least one of the five statutory purposes for BTOP.</b>
<b>Applicants must demonstrate that but for Federal funding they would not have been able to complete their project during the grant period.</b>
<b>The budget for the project must be reasonable and all costs must be eligible.</b>

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

Yes

**Matching Fund Waiver Request Explanation**

OSHEAN is not requesting a waiver, therefore Question 6d is not applicable.

## C. Executive Summary

### 7. Executive Summary of Overall Proposal:

A) Need Addressed

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During recessions, Rhode Island's 49 public libraries always feel the pinch. They make do with less and squeeze every dollar. When a town is faced with a downturn in the economy, libraries are among the first services to be trimmed. Rhode Island's libraries have experienced layoffs, furloughs, and devastating reductions in funding. At least six Rhode Island libraries have just survived threats to close them. Many are very late in paying their vendors. The library in Central Falls, one of our poorest communities, had to layoff 60% of its staff. Another library building was condemned. Some are borrowing money to pay salaries. For libraries to survive, they need to be nimble and creative.

At the same time all libraries are cutting back, many of their patrons are out of work. Rhode Island now placing in the 1st through 4th highest unemployment rate in the nation, currently 12.5%. These people are in desperate need of support with resume writing skills, how to apply for a job on-line, retrain for another field, use a computer, search for jobs online, learn English, and much more. As people lose jobs, families are canceling their home internet service and depend more heavily on the libraries to be their internet resource, their community connection, and their place to learn. The American Library Association studies say that 62% of the people coming to a public library are there to use a computer. Without a BTOP grant, libraries cannot afford to provide the access that everyone needs. Without a BTOP grant, it will not happen.

**B) Approach to Addressing the Need**

Through its Beacon 2.0 Library Computer Center program, OSHEAN (pronounced ocean) will provide 600+ computers/printers and 10 mobile computer centers for 49 public libraries at over 70 locations throughout the state, i.e. every public library in Rhode Island. 394 of the computers are to replace existing library computers that don't work or are "so slow we don't even bother to turn them on." These new computers will:

- replace outdated and non-functional equipment
- expand the libraries' capacity to offer public-use of personal computers
- enable expanded employment training and workshops
- provide streaming video equipment to promote regional access to state wide education programs; and, to allow libraries to offer classes in one location and allow the content to be shared at any public library.

Mobile computer centers exist in public classrooms around the country and have been proven

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effective. These 10 units will be clustered for special programs and dispersed throughout the libraries.

Our partner, Ocean State Libraries (OSL) is a substantial organization with 49 member libraries that provides the public with over 6.9 million items borrowed per year from member libraries. It has a membership of over 520,000 registered OSL library card holders. Nearly all RI residents have access to an OSL library in their own communities.

OSL has the perspective and experience to address the technology problems in its member libraries. It has been actively engaged with its member libraries to articulate their needs for this program.

**C) Areas to Be Served**

All Rhode Island libraries will benefit from Beacon 2.0 LCC, including 49 libraries at over 70 locations, issuing library cards to over half of the state's total population. Because the state's public libraries collectively blanket the state, the service area covers a population of approximately 1,050,788 people. The additional computer capacity will allow libraries to increase its estimated weekly patrons served by about 20,000 (26%), system-wide. And because these are public libraries, they serve all demographics and accommodate persons with disabilities. In particular, library computer resources are heavily utilized by lower-income and vulnerable populations that are most victimized by the nation's "digital divide."

**D) Qualifications of the Applicant**

OSHEAN is composed of 28 non profit member organizations, representing some of New England's most prestigious non profit institutions, including 18 colleges and universities, six hospitals and health maintenance organizations, and three state government agencies. OSHEAN has a track record of success in implementing technology projects.

Our partner, OSL staff spends a great deal of time researching the best possible options in terms of future trends, value and compatibility. They have the staff and structure in place to organize and implement the purchase and handle the delivery and installation of hardware and software. OSL is able to maximize the benefit to member libraries and optimize the value of what is purchased by imposing uniform standards, group buying, and negotiating for all our



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libraries together.

**E) Jobs Saved or Created**

Beacon 2.0 LCC will create jobs for two computer trainers and one project manager. The slight easing of the libraries' financial burden due to BTOP will probably save some librarians' jobs; possible ten jobs in the aggregate. More importantly, patrons will obtain jobs due to training workshops, resume workshops, learning to post a resume on the Internet, etc. Given that Rhode Island has 70 library locations; if each location produced only one patron per month who secured a job because of the libraries' new computers and job related workshops, that would mean 840 jobs created per year. We believe that number is very reasonable.

**F) Overall Cost**

The total program cost is \$1,559,975. This is to purchase computers, monitors, printers, mobile computer centers, switches and routers, and training costs. Of that amount, \$1,245,500 is requested in this application and \$354,475 will come from a cash match grant from the Champlin Foundations who has made a formal commitment. Given that the public library system serves 520,000 library card holders, Beacon 2.0 LCC represents a budget of only \$3 per patron.

**D. Project Purpose**

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

**8. Project Purpose**

**SIGNIFICANCE OF PROBLEM**

Many citizens are without broadband access or have given it up due to the recession, this despite the fact that broadband access is more and more important to daily life. Some must visit the library to use the Internet. Libraries are important for mitigating this "Digital Divide." They provide laid-off/displaced workers with essential services (e.g., resume writing workshops, basic Internet training). OSHEAN works closely with Ocean State Libraries (OSL),



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a nonprofit consortium serving the State community through its 49 library membership and we have collaborated to structure the Beacon 2.0 Library Computer Centers (LCC).

#### SOLUTION

Beacon 2.0 LCC will provide 600+ computers (394 of them replacements), printers, new routers and switches, and 10 mobile computer centers for OSL libraries (See list of libraries below). These computers will:

- expand capacity to offer public-use PCs
- enable expanded employment training and workshops
- provide streaming video equipment to promote regional access to state wide education programs; and, to allow libraries to offer classes in one location and allow the content to be shared at any public library.

Mobile computer centers exist in public classrooms around the country and have been proven effective. They can be clustered for special programs and dispersed throughout the libraries.

Students without home access will be able to access the Internet, something that is required more and more in their homework assignments. Children will be able to learn how to use the Internet in a “safe” and supervised environment. Libraries are desperate and Beacon 2.0 LCC will help them mitigate the State’s digital divide. Moreover, because the mobile computer lab approach has been proven successful on a wide scale, OSL desires to replicate them at more libraries as funding is obtained.

#### COMPLIANCE WITH BTOP STATUTORY PURPOSES

1. Not a focus of Beacon 2.0 LCC.
2. Beacon 2.0 LCC will benefit all Rhode Islanders, some of which are in underserved communities.
3. Beacon 2.0 LCC will focus on libraries, which cater heavily to vulnerable populations.
4. OSHEAN has filed a Category 1 – BTOP Middle Mile Infrastructure application (Beacon



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2.0) that provides these benefits.

5. Beacon 2.0 LCC will stimulate demand for broadband. Teaching library patrons will create a demand for broadband access resulting in some acquiring broadband access at their homes, and others that come to the library more often.

**LINKAGE TO OTHER BTOP CATEGORIES**

This program is linked to our Beacon 2.0 Middle Mile program, which will expand the State’s broadband capacity using fiber optic networks and enable affordable service to underserved areas and many anchor institutions; thus, creating the affordable connectivity that makes Beacon 2.0 LCC possible.

**OSL LIBRARIES**

**Cranston**

- Arlington,1064 Cranston St.
- Auburn,396 Pontiac Ave,
- Cranston Pub. Lib.,140 Sockanosett Cross Rd.
- William Hall ,1825 Broad St.
- Knightsviille,1847 Cranston St.
- Oaklawn,230 Wilbur Ave.

**Providence**

- Olis,1 Capitol Hill
- Fox Point,90 Ives St.
- Knight Memorial,275 Elmwood Ave.
- Mount Pleasant,315 Academy Ave.
- Olneyville,1 Olneyville Sq.
- Providence Pub. Lib.,150 Empire St.
- Rochambeau,708 Hope St.
- Smith Hill,31 Candace St.
- South Providence,441 Prairie Ave.



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Washington Park,1316 Broad St.  
Wanskuck,223 Veazie St.

East Providence

Fuller,260 Dover Ave.  
E. Providence Pub. Lib.,41 Grove Ave.  
Rumford,1392 Pawtucket Ave.  
Riverside,475 Bullocks Point Ave.

Warwick

Apponaug,3267 Post Rd.  
Warwick Pub. Lib.,600 Sandy Ln.  
Conimicut,55 Beach Ave.  
Pontiac Free Lib.,101 Greenwich Ave.

Tiverton

Union Free Lib.,3832 Main Rd.  
Essex Pub. Lib.,238 Highland Rd.  
Tyler Free Lib.,81 A Moosup Valley Rd.

North Kingstown

Davisville Free Lib.,481 Davisville Rd.  
North Kingstown Free Lib.,100 Boone St.

West Warwick

Westerly Pub. Lib.,44 Broad St.  
West Warwick Pub. Lib.,1043 Main St.

Others



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Ashaway Free Lib.,15 Knight St.,Ashaway  
 Barrington Pub. Lib.,281 County Rd,Barrington  
 Rogers Free Lib.,525 Hope St.,Bristol  
 Jesse Smith Memorial Lib.,100 Tinkham Ln.,Harrisville  
 Central Falls Free Pub. Lib.,205 Central St.,Central Falls  
 Cross' Mills Pub. Lib.,4417 Old Post Rd.,Charlestown  
 Clark Memorial Lib.,7 Pinehurst Ave.,Carolina  
 Coventry Pub. Lib.,1672 Flat River Rd.,Coventry  
 Cumberland Pub. Lib.,1464 Diamond Hill Rd,Cumberland  
 E. Greenwich Free Lib.,82 Pierce St.,E. Greenwich  
 E. Smithfield Pub. Lib.,50 Esmond St.,Smithfield  
 Exeter Pub. Lib.,773 Ten Rod Rd.,Exeter  
 Foster Pub. Lib.,184 Howard Hill Rd.,Foster  
 Gloucester Manton Free Pub. Lib.,1137 Putnam Pk.,Chepachet  
 Greenville Pub. Lib.,573 Putnam Pk.,Greenville  
 Harmony Pub. Lib.,195 Putnam Pk.,Harmony  
 Hope Library,374 North Rd.,Hope  
 Jamestown Philomenian Lib.,26 North Rd.,Jamestown  
 Marian J. Mohr Memorial Lib.,1 Memorial Ave.,Johnston  
 Langworthy Pub. Lib.,24 Spring St.,Hope Valley  
 Little Compton Free Pub. Lib.,44 Commons,Little Compton  
 Lincoln Pub. Lib.,145 Old River Rd.,Lincoln  
 Middletown Pub. Lib.,700 West Main Rd.,Middletown  
 Narragansett Pub. Lib.,35 Kingstown Rd,Narragansett  
 Newport Pub. Lib.,300 Spring St.,Newport  
 Island Free Lib.,9 Dodge St.,Block Island  
 North Smithfield Pub. Lib.,20 Main St.,Slatersville  
 Pascoag Pub. Lib.,57 Church St.,Pascoag  
 Pawtucket Pub. Lib.,13 Summer St.,Pawtucket  
 Portsmouth Free Pub. Lib.,2658 East Main Rd.,Portsmouth  
 North Scituate Pub. Lib.,606 West Greenville Rd.,N. Scituate  
 Robert Beverly Hale Lib.,2601 Comm. Perry Hwy,Wakeville  
 South Kingstown Pub. Lib.,1057 Kingstown Rd,Peacedale  
 Kingston Free Lib.,2605 Kingstown Rd.,Kingston  
 Louttit Memorial Lib.,274 Victory Hwy,W.,Greenwich



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Willett Free Lib.,45 Ferry Rd.,Saunderstown  
Woonsocket Harris Pub. Lib.,303 Clinton St.,Woonsocket  
George Hail Free Lib.,530 Main St.,Warren

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

OSHEAN has been working closely with Ocean State Libraries (OSL), a non profit consortium dedicated to serving the Rhode Island community by sharing materials, services, and electronic resources through its 49 library membership. Beacon 2.0 LCC was planned with OSL’s existing funding opportunities in mind.

OSL has received grants from the Champlin Foundations and the Gates Foundation but is not the recipient of Recovery Act or other special funding mechanisms. In Section 27, we discuss the Champlin Foundations, which will provide matching funds for Beacon 2.0 LCC. These foundations are not related to the Recovery Act or any other Federal/state program funds so they are not discussed further here.

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

OSHEAN has submitted a linked Category 1 Broadband middle-mile application called Beacon 2.0., which will provide direct broadband connectivity for institutions that service all of the above mentioned targets, namely health care delivery, education, and children. This application for Beacon 2.0 Library Computer Centers (LCC) is for PCs, routers & switches,library mobile computer centers and services, and therefore directly impacts children and education.

On Behalf of Children

High-speed Internet connectivity has become essential to children. Modern curricula for many school subjects (e.g., social studies) entail children accessing the internet in order to perform their homework assignments. Some families can not afford Internet access, or in fact, may have given it up due to family budget tightening. Additionally, many families depend on their community library to be a safe place for kids to do homework after school.

OSHEAN has worked closely with Ocean State Libraries (OSL) to define the Beacon 2.0 LCC program. When implemented, Beacon 2.0 LCC will provide a safe haven for children to learn how to use the Internet in a safe and supervised environment. New computers and Data labs,



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complemented by educational programs, will provide another opportunity for libraries to mitigate the socioeconomic-based “digital divide” that exists surrounding the every-day use of technology in our communities.

**Promoting Education**

Beacon 2.0 LCC will offers multiple educational opportunities, for children and adults, at Rhode Island’s libraries.

- Libraries will provide workshops for children and adults that teach basic skills for using the internet
- The availability of computers to children will enable them to more effectively complete their homework and to tap into the universe of educational benefits presented by the Internet, all in a “cyber-safe” environment
- The Beacon 2.0 LCC will allow access to state wide education programs such as the deep sea project currently being offered by University of Rhode Island and the Pell Marine Science Library.
- New streaming video equipment will allow libraries to offer classes in one location and allow the content to be shared at any public library site in Rhode Island. This could include Community colleges working with libraries as “hub” campuses for distance learning.
- Computer access for high school students, underprivileged Rhode Island high school students will enable them to maintain an electronic portfolio as a requirement for graduation; something many of them can not due, with any level of convenience.

Beacon 2.0 (our Category 1 BTOP Middle Mile program) will enable Beacon 2.0 LCC to succeed. As such, Beacon 2.0 LCC, when complemented by Beacon 2.0, provides Rhode Island’s libraries with a turnkey solution that will benefit children and promote education for all age groups.

**11. Small and Disadvantaged Business Involvement**

OSHEAN has contracted with DeValerio Consulting, LLC, of Jamestown, Rhode Island.



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The company is owned and managed by Ms. Lynne DeValerio. Ms. DeValerio is a highly experienced project management professional that has managed multi-million dollar projects with state and federal governments as well as with aerospace/defense companies.

DeValerio Consulting is a small, woman-owned business that meets all the criteria of a socially and economically disadvantaged small business (SDB), as defined by section 8(a) of the Small Business Act, 15 U.S.C. §637.

DeValerio Consulting has already been retained and has completed Beacon 2.0 LCC planning work with OSHEAN. Ms. DeValerio will serve as the project reporting manager for OSHEAN during the Beacon 2.0 LCC implementation project as well as for our other linked programs for BTOP Categories 1 and 2.

## **E. Project Benefits**

### **E-1 – Expanding Broadband Public Computer Center Capacity Public Computer Center Capacity, Including Areas and Populations Served**

#### **12. Public Computer Centers Availability AVAILABILITY TO THE GENERAL PUBLIC**

Library computers will be made available to the general public during normal business hours for each library, which are conspicuously posted and advertised in multiple locations such as Ocean State Library (OSL) web site and member library web sites/literature.

In addition to impromptu use by library patrons, people will be able to sign up for classes held at libraries, both, instructional as to the use of the computers and for specific courses streamed to the centers via the network.

#### **NO DUES OR FEES**

There will be no charge to the general public for use of the library computers or the mobile computer centers. OSL and its member libraries are committed to providing maximum benefit



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for the public good, without direct expense by their patrons. This is important because libraries are an important resource to mitigate the “digital divide” that still plagues many areas of Rhode Island. Any attached fee or dues would diminish our ability to serve that mission. As such, Beacon 2.0 LCC will be offered to patrons without charge, as is the case with most services we offer in the state.

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

There will be no restrictions on the use of computers in the libraries. Mobile computer centers will be used by library staff while conducting classes and programs attended by the public. There will be some prioritization of availability for these classes.

**14. Public Computer Centers Accessibility**

All Beacon 2.0 LCC computers and mobile computer centers installed at public libraries will be accessible to accommodate those with disabilities. This is true by law, including state and Federal statutes. Additionally, to enable the sight and mobility impaired user, each mobile center will have one of its computers equipped with text-to-speech software (TTS), speech recognition software, and a TDD telephone and a screen magnifier. Additionally, staff will be trained to invoke macro recorders to create macros for the most useful shortcuts. Web sites that are designed to market and announce the technology centers will be Section 508 compliant.

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

<b>PCC - Center Locations &amp; Center Capacity &amp; Size and Scope of Target Audience.</b>
Public Computer Center: Ocean State Libraries Address Line 1: The Summit South, Suite 103 Address Line 2: Warwick Executive Park City : Warwick State: RI Zip: 02886
Computer Center Name /Type: Ocean State Libraries Estimated # of Total Persons in your Service Area (or Specific Population Sub-Group): 1050788
Hours Open to Public: Average Hours Open to Public Per 120-hour Business Week: 58





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<b>Task:</b> Submit Application - Non-Infrastructure Programs		<b>Applicant Name:</b> Mr. George K. Loftus	

<p>Proposed Hours Open to Public Per 120-hour Business Week:58          Average Hours Open to Public Per 48-hour Weekend: 14          Proposed Hours Open to Public Per 48-hour Weekend:14</p> <p><b>Broadband Workstations:</b>          Current # of Broadband Workstations: 1606          Proposed # of Broadband Workstations: 1944</p> <p><b>Facility Broadband Connection Speed (MBps):</b>          Current Facility Broadband Connection Speed (MBps): 4.00          Proposed Facility Broadband Connection Speed (MBps): 10.00</p> <p><b># of Persons Served:</b>          # of Persons served per 120-hour business week (current): 63148          # of Persons served per 120-hour business week (proposed target): 79993          # of Persons served per 48-hour weekend (current): 12630          # of Persons served per 48-hour weekend (proposed target): 15987</p>
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**16. PCC- SBA Population Demographics**

<b>Age Distribution</b>
Age Distribution: 5-19
Age Distribution: 20-29
Age Distribution: 30-39
Age Distribution: 40-49
Age Distribution: 50-59
Age Distribution: 60-69
Age Distribution: 70 and above



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

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<b>Ethnicity or ethnicities</b>
Ethnicity: Two or More Races

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

<b>Median Household Income</b>
Median Household Income: Less than \$9,999
Median Household Income: \$10,000 - \$14,999
Median Household Income: \$15,000 - \$24,999
Median Household Income: \$25,000 - \$34,999
Median Household Income: \$35,000 - \$49,999

<b>Educational Levels</b>
Educational Levels: None
Educational Levels: Nursery school - Preschool
Educational Levels: Elementary - Kindergarten - Grade 5
Educational Levels: Middle - Grade 6 to Grade 8
Educational Levels: Secondary - Grade 9 to Grade 12

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

**Unemployment Rate**  
Unemployment Rate: 12.50

**Language**  
Language : English - Primary  
Language : English - Second Language  
Language : Non-English Speakers

**17. Public Computer Centers Outreach**

Ocean State Libraries (OSL) will launch a multi-media campaign in order to create awareness about Beacon 2.0 LCC ensure usage of related services and equipment.

**OSL and Member Library Web Sites**

OSL will announce and post information about Beacon 2.0 LCC on its website; and will prepare Web-ready material to be posted at every hosting library. Patrons regularly visit these web sites and the program will be conspicuously and uniformly presented to the public on these web sites. To control the message and to ensure the program is accurately described, OSHEAN and OSL will develop the material and then present it to member libraries.

**On-site Literature**

OSHEAN will work with OSL to develop program literature (brochures, posters, bookmarks, etc.) that fully describe Beacon 2.0 LLC, its benefits, and usage information. This literature will be distributed to our member libraries where it will be displayed prominently.

**Use of the Press**

OSHEAN will work with OSL to develop press releases for distribution to Rhode Island's



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main newspapers (Providence Journal and Providence Business News) and to the myriad local/regional newspapers that blanket the state. And because we believe the Beacon 2.0 LLC story is compelling and newsworthy, we will seek to have one or more feature stories appear in the state's major and regional newspapers. In fact, we may be able to have the story covered by one or more state television network affiliates. We have had success with this before and the state's media has clearly shown an interest in Federal stimulus grants and their positive impact on the state.

**Email Blasting**

OSL and its member libraries will send e-mail announcements to all of our patrons who have registered their e-mail addresses with us.

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

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

OSHEAN will procure the following specific types of computer peripherals and broadband equipment.

For 71 OSL Member library locations and OSL Offices

- 126 - Desktop Personal Computers without Monitors
- 439 - Desktop Personal Computers with Monitors
- 39 - 14' Notebook Personal Computers
- 23 Netbook Personal Computers

For 10 OSL Mobile Computer Centers

- 10 - 15' Notebooks
- 1 - Projector
- 2 - 802.11n wireless routers
- 1 - Lab Cart



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- 10 - Accessories (e.g. power strips)
- 10 - Laptop mobile computer desk
- 10 - Projector Screen
- 10 - Projector Cart

Communications Equipment

- 65 - New routers
- 10 - New switches
- 65 - New switches

Notebooks and printers will be manufactured by Dell Computers and will be of the latest manufacture as of the purchase.

**19. Public Computer Centers Workstation Software**

Beacon 2.0 LLC workstations will have the following software installed. As time goes on, it is likely that we will add new software to the mix. Current plans include:

- Audacity for editing digital audio
- Adobe Reader
- Faronics Deep Freeze Enterprise
- GanttProject
- Google Earth
- Google SketchUp
- GIMP for editing digital images
- Internet Explorer
- Juice (cross-platform podcast receiver)
- Microsoft Office 2007
- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Microsoft Access
- Microsoft Publisher
- Mozilla Firefox
- Photoshop



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- Phun Physics Sandbox
- Scratch
- Scribus
- Symantec Endpoint Protection
- Windows Media Player
- WINK

Of special note is that 15% of the Microsoft software suites purchased will be in Spanish Language, as a benefit to the states substantial Hispanic population.

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

Beacon 2.0 LCC will enable Ocean State Libraries (OSL) to set up permanent broadband workstations at all of its 70+ library locations plus 10 state-of-the-art mobile computer centers, geographically dispersed and located in Rhode Island communities that are the most underserved and have higher rates of poverty. These centers will allow us to offer streaming video shared among libraries.

These centers will directly benefit both the neediest public and the library staff that is working to support every Rhode Island patron within the consortium. Videoconferencing between OSL and the member libraries can be used for instruction, workshops, conferences, etc. Libraries staff, who all have limited time, will only need to set aside the time required for the actual meeting or workshop itself and not the travel time and expense to and from OSL or the hosting library. For libraries like Island Free Library on Block Island, staff would likely increase their 'attendance' from what is less than 20% of all OSL meetings and workshop to close to 100%.

For the public, these computers will be installed with a full complement of software that will be taught by temporary OSHEAN hires. OSHEAN will hire the equivalent of 2 employees for about two years. These instructors, who would be educated in the latest technology and be multi-lingual, will offer technology classes held at various OSL libraries, with streaming to other libraries. Courses will be taught in multiple languages to suite the libraries' demographics, including at least English, Spanish, and Portuguese.

OSL will record the sessions for archiving and future use. These sessions will be available via the OSL web site, the Community Reserves area of the EZone site, and from the individual

