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

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Funding Opportunity: Public Computer Centers and Sustainable Broadband Adoption	**Applicant Organization:** OSHEAN Inc.
Task: Submit Application - Non-Infrastructure Programs	**Applicant Name:** Mr. George K. Loftus

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A. General Application Information

1. Applicant Information

1-A. Name, Address, and Federal ID for Applicant

i. Legal Name:	OSHEAN Inc.
ii. Employer/Taxpayer Identification Number (EIN/TIN):	050509325
Street 1:	6946 Post Road, Suite 402
Street 2:	
City:	North Kingstown
County:	Washington
State:	RI
Country	United States
Zip/Postal Code:	02852

1-B. Name and Contact Information of Person to be Contacted on Matters Involving this Application:

Prefix:	Mr.
First Name:	George
Middle Name:	K.
Last Name:	Loftus
Suffix:	
Telephone Number:	401-886-0887
Fax Number:	
Email:	George@OSHEAN.org
Title:	President and CEO

1-C. Other Required Identification Numbers

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i. Organizational DUNS:	025488169
ii. CCR # (CAGE):	57DY4
iii. Funding Opportunity Number:	2
iv. Catalog of Federal Domestic Assistance Number:	BTOP CFDA Number: 11.557 BTOP CFDA Title: 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	
Total	1,599,975

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B. Eligibility Factors

6. Eligibility Factors.

The application must be completed fully, and all required supplemental documentation must be attached.
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.
Applicants must credibly demonstrate that their Project advances at least one of the five statutory purposes for BTOP.
Applicants must demonstrate that but for Federal funding they would not have been able to complete their project during the grant period.
The budget for the project must be reasonable and all costs must be eligible.

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 requirments.
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
Glocester 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 hish 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 statues. 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.

PCC - Center Locations & Center Capacity & Size and Scope of Target Audience.
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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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

Broadband Workstations:
Current # of Broadband Workstations: 1606
Proposed # of Broadband Workstations: 1944

Facility Broadband Connection Speed (MBps):
Current Facility Broadband Connection Speed (MBps): 4.00
Proposed Facility Broadband Connection Speed (MBps): 10.00

# of Persons Served:
# 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

16. PCC- SBA Population Demographics

Age Distribution
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

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Ethnicity or ethnicities

Ethnicity: Two or More Races

Gender

Gender: Female

Gender: Male

Median Household Income

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

Educational Levels

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

Disabilities status

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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

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

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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

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libraries' web sites. We plan to hold various classes including, but not limited to:

• Using IE, Firefox and other browsers-pros and cons
• Microsoft Excel
• Microsoft Word
• Microsoft Access
• Power Point
• Publisher
• Photoshop
• Blogging, Wikis, RSS Feeds,
• Twitter
• Creating your own Streaming Video
• Creating your own DVD
• Setting up Wikis
• Setting up an email address (for seniors, developmentally disabled)
• Creating a Resume and cover letter
• Posting a resume on Monster.com and other job websites
• Editing digital audio files
• Using Google Earth
• Using Google Sketchup
• Using Ezone (OverDrive) to download electronic media
• Using Phun

E-2- Project Benefits – Sustainable BroadBand Adoption

21. Innovative Approach to Sustainable Broadband Adoption
Beacon 2.0 LCC is a Public Computer Center application, therefore, this question is not applicable.

22. Sustainable Broadband Adoption Household Subscribers.
How many total new home subscribers (household accounts) to   broadband do you expect to generate through use of BTOP funds over the entire life of the program funded?

23. Sustainable Broadband Adoption Institutional Subscribers.
How many total new business and/or institutional subscribers to broadband do you expect to generate through use of BTOP funds over the entire life of the program funded?

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24. Sustainable Broadband Adoption Users of Public Access Facilities.

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

25. Sustainable Broadband Adoption Population Demographics.

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

26. Sustainable Broadband Adoption People Trained/Educated.

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

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

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

28. Sustainable Broadband Adoption Instructor Qualifications.

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

Beacon 2.0 LCC is a Public Computer Center application, therefore, this question is not applicable.

29. Sustainable Broadband Adoption Equipment Purchased.

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

30. Sustainable Broadband Adoption Cost of Devices.

What is the total up-front cost of this equipment?

31. Sustainable Broadband Adoption Loan Program Participants.

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

32. Sustainable Broadband Adoption Loan Cost to Borrower.

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

33. Sustainable Broadband Adoption Target Population, Awareness Campaign.

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

34. Sustainable Broadband Adoption Awareness Campaign Methods

Beacon 2.0 LCC is a Public Computer Center application, therefore, this question is not applicable.

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35. Measuring Campaign Impact for Sustainable Broadband Adoption
Beacon 2.0 LCC is a Public Computer Center application, therefore, this question is not applicable.

36. Sustainable Broadband Adoption Total Cost Per New Subscriber.
What is the total cost of your project per new subscriber (household, individual, or institutional) or new end-user?

F. Project Viability

Technical Viability

37. Technology Strategy
37 - A. Public Computer Center Technology Strategy
OSL is highly prepared for Beacon 2.0 LCC because they have been working with OSHEAN and architecting the program for over a year. We are ready to order, install, support and maintain all equipment. We do not require any build-out of facilities, nor do we require any special permits or certifications, because all equipment will be housed in existing facilities.

OSL and OSHEAN both have dedicated technology resources to architect solutions such as Beacon 2.0 LCC, specify the needed equipment, handle the implementation project, and manage the equipment over time. Our plan for this grant is to:

• expand OSL's Personal Computer network

• offer peripherals to meet the needs of that expansion

• procure a robust suite of software for our equipment

• procure software and hardware that can enable library patrons (both English and non-English speaking) to access better and faster broadband connectivity

• Replace and upgrade our Routers and Switches so that when faster broadband access is available (i.e. through our Category 1 Beacon 2.0 BTOP Middle Mile project), libraries can connect to it and have full advantage of that improvement

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• Establish Mobile Computer Centers in eight libraries (plus two roving centers), so that libraries can leverage the benefits of the programs that any library in Rhode Island may offer.

We envision much broader adoption of library programming. When a job training class is offered at one library, patrons could meet and participate in the class from another library anywhere in the state.

OSL not only has a strong technology staff but most of the staff are professional librarians as well. OSL understands the needs of libraries. OSL is always looking forward to the technology solutions that can practically and economically enhance services to member libraries. OSL currently establishes and maintains reliable, secure and user friendly systems for its member libraries and their patrons. Being awarded this grant will enable OSL to do so much more than it can do now, but along the same continuum. OSHEAN's and OSL's collective experience (one as a technology organization and the other with experience in delivering technology solutions to its member libraries) will enhance our ability to sustain the technology that we are afforded from this grant.

37 - B. Sustainable Broadband Adoption Technology Strategy
Beacon 2.0 LCC is a Public Computer Center application, therefore, this question is not applicable.

Organizational Capability

38. Management Team Resumes.
Please refer to upload section at the end of document.
39. Organizational Readiness
ORGANIZATIONAL MEMBERSHIP AND GOVERNANCE

OSHEAN is composed of 28 non profit member organizations, representing some of New England's most prestigious non profit institutions. Moreover, OSHEAN's membership and stakeholder community is a mirror image of the anchor institutions and other organizations this grant seeks to assist. It includes 18 colleges and universities, six hospitals and health maintenance organizations, and three state government agencies.

Our partner, Ocean State Libraries (OSL) is a substantial organization with 49 member

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libraries that provide 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. Founded in 1982, OSL is incorporated as a non-profit organization under the Internal Revenue Code (501c3).

OSHEAN's President is Mr. George Loftus. Mr. Loftus is responsible for day to day operations and is the organization's chief strategist for the development and delivery of innovative technology solutions to its member coalition of anchor institutions and public service providers. Mr. Loftus has been the catalyst for building OSHEAN's partnership with OSL.

PROJECT VIABILITY AND READINESS

OSHEAN's Beacon 2.0 LCC program is a viable project whose requirements and specifications have been driven by OSL. Beacon 2.0 LCC is "shovel ready" and will be completed within the two year requirement. All of the technical requirements for Beacon 2.0 LCC have been articulated and validated. All technical equipment has been specified.

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, delivery and installation of hardware and software with the funds that they have been given each year. 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 libraries together. OSL also has the billing and accounting structure in place to interface with OSHEAN to manage the grant funds and track the spending thoroughly.

OSL has also been the fiscal agent for two Gates Foundation Opportunities Online grants to the RI State Library Agency, the Office of Library and Information Services. This past year, five OSL libraries have been selected to receive a grant; and OSL took an active role in representing RI libraries at Gates grant events, disseminating grant information and encouraging libraries to apply. OSL staff has been helping with the purchase and installation of the computers and peripherals the libraries are able to add with the Gates Funds. OSHEAN is confident in our ability to work with OSL to make Beacon 2.0 LCC a success.

40. Organizational Chart.

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Please refer to upload section at the end of document.

Community Involvement

41. Key Partners

Beacon 2.0 LCC is the product of collaboration between three key entities: OSHEAN, Ocean State Libraries (OSL), and the Champlin Foundations. Our two partners, their roles, and points of contact are described below

OCEAN STATE LIBRARIES (OSL)

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. Founded in 1982, OSL is incorporated as a non-profit organization under the Internal Revenue Code (501c3). OSL members will be donating the staff time to allow OSHEAN to train staff in use of the equipment we plan to install. OSL will provide use of its training center at its offices for any classes or webinars that need use of space. OSL will donate any supplies and support not covered by the grant.

OSL Point of Contact for this project: Ms. Joan Gillespie, OSL Executive Director.

THE CHAMPLIN FOUNDATIONS

The Champlin Foundations are private foundations as defined in Section 509(a) of the Internal Revenue Code and are exempt from Federal income tax under Section 501(c)(3). The Foundations make direct grants to tax exempt organizations, substantially all in Rhode Island, mostly for capital needs. Capital needs may consist of equipment, construction, renovations, the purchase of real property, and reduction of mortgage indebtedness.

One important goal of the foundations is to fund tax exempt organizations within Rhode Island that will have the greatest impact on the broadest possible segment of the population. Another important goal is to provide "hands on" equipment and facilities for those being served by these

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tax-exempt organizations. The Champlin foundation will provide $354,475 in a cash match for the purchase personal computers. They are strong supporters of Rhode Island libraries

The Champlin Foundations Point of Contact: Timothy N. Gorham, Associate Director

42. Partnering with Disadvantaged Businesses

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

Ability to Start Promptly & Timeline

43. Project Timeline and Challenges

OSL has put together the following project schedule for implementation of Beacon 2.0 LCC.

We expect to implement the four phases of our project in quarterly segments:

Quarter One:

We will do all our planning and lay out our ordering timeline for all purchases and place the orders for the first phase equipment. That will include the PCs, peripherals and software for the addition to the libraries' connectivity for the patrons. We will discuss among our staff and with our members and our Steering committee which libraries are best suited in terms of space,

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staffing, connectivity and poverty level to house the mobile computer centers. We will make plans for sustainability of the centers after the grant ends.

Quarter Two:

We will install the PCs, Peripherals and software that had been ordered last quarter and will place our orders for the second phase equipment, the ten mobile computer centers. Since OSL upgrades and expands PC bases for our member libraries on a regular basis, phase one is familiar work to us and we do not anticipate any challenges.

Quarter Three:

We will install the mobile computer centers at eight libraries. We anticipate that these will be mobile units that can be stored in a locked cart, and the cart can be moved to a secure area for times when it is not in use. We will also set up in locked carts two more mobile computer centers that we will keep at the OSL offices for loan to libraries that want them on an as needed basis. Although we are not familiar with all of the technology these centers will employ, we are accustomed to technology in general and do not anticipate any problems. We will receive some training from staff at OSHEAN to help us be ready to train staff at the libraries. We will also order the Routers and Switches for the phase four equipment.

Quarter Four:

In this quarter, we will hire the two bilingual trainer/installers to help us implement the telepresence centers. The libraries that house these centers will be eager to get going with them. We can do some training at the libraries themselves so that the staff do not need to travel to learn. We can also hold classes at the OSL training room which is centrally located. OSL staff will install the routers and switches at the member library sites.

Quarter Five:

All purchasing and installation should be finished by now, but if there has been any delay or lag, it can be made up in this quarter. Quarters Five will be spent getting training done and setting up an archive of training sessions, so that we can re-utilize them after the grant period ends and the trainers are no longer employed. We will also set up an archive for

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every program that is run, so that we can not only offer it to every library at the time the event is taking place, through streaming video, we can also offer the same programs for later showings. OSL uses the train the trainer model, OSL staff will train the two contract employees and they will train key personnel at each library, starting with the libraries that are housing the mobile computer centers, but eventually training staff at every public library in Rhode Island.

Quarter Six, and Seven:

These two quarters will be a continuation of the training and practice set up in Quarter Five.

Quarter Eight: Will continue the training mode of Quarters 5, 6 & 7, but will also include enacting our plans for sustainability. By training staff members at every library, we will be able to continue the use of this equipment long after the grant money has ended.

44. Non-Infrastructure Projects - Licenses and Regulatory Approvals
No local, state, federal licenses or regulatory approvals will be required to complete Beacon 2.0 LCC. No facilities are to be built and no interior or exterior adjustments to library premises are required.

45. Legal Opinion.
Please refer to upload section at the end of document.

G. Project Budget & Sustainability
Project Profile: Budget and Budget Narrative

46. Budget Narrative
There are three main components to the Beacon 2.0 LCC budget request:

• Funding to provide computers and the mobile computer centers at our member libraries
• Funding to provide routers and switches at our member libraries
• Funding for training and administrative costs

FUNDING TO PROVIDE COMPUTERS AND MOBILE COMPUTER CENTERS

OSHEAN and Ocean State Libraries (OSL) will enable libraries to have access to computers,

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software, and peripherals. We will record the various programs and training workshops so that they can be simultaneously video streamed to other libraries in OSL and so that they can be reused. This will enable us to leverage our training and program activities so that all patrons at every library can have access, regardless of their ability to travel to certain libraries. We plan to install computers and printers at OSL headquarters and at every member library; and also 10 mobile computer centers, eight in lower economic areas dispersed around the state and two housed at our office for dispatching where and when needed.

Funding to Provide Routers and Switches at Member Libraries

OSL has 10+ year old equipment in its libraries. If they do not replace the equipment with newer more appropriate items they will not be able to connect to increased bandwidth that will be available to them. OSL has sought grant funds to replace the routers, but it would take as much as ten years to get enough grant funds elsewhere to replace and upgrade every location in OSL. OSL has not tried yet to replace the switches at all as it is too expensive for them.

Funding for Training and Administrative Costs

Costs are divided into two categories: the OSL staff time needed to coordinate getting the best price, order equipment, and install it at the various locations and OSHEAN hiring two part-time bilingual contract persons for 18 months to help install and train at libraries and at the mobile computer center locations. These contract employees would be at a fixed price wage with no benefits. Although short term, these would be newly created positions.

OSL staff would work on the project for the entire two years. They would travel heavily around the state in the early stages of installation of PCs, software, peripherals, routers and switches. In the later stages, road travel would still be needed, but it would shift over to the two contract workers who would be installing the Beacon 2.0 LCC mobile computer centers and then training staff at the public libraries to use the equipment. OSL staff would prepare the media notices, web page announcements, and so on for a marketing campaign to let RI residents know they have these new services and opportunities available for them to use.

47. Non-Infrastructure Projects - Budget Reasonableness
OSHEAN and its partner Ocean State Libraries (OSL) are confident that our budget is

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reasonable. OSL is composed of a group of diverse public libraries—large and small, urban and rural, progressive and "old fashioned." Each library strives to meet the needs of its particular constituency. OSL is the "glue" that holds them together. OSL strives to maximize their member libraries' opportunities and minimize their expenses. One of the ways OSL accomplishes this is by applying for grants on their members' behalf. As part of that activity, OSL translates user needs into technical specifications and therefore controls the range of products the libraries installs with grant funds. The end benefit is uniformity for maintenance and control purposes and the assurance that all specifications, product features, and software is vetted for being the best value (i.e. best combination of product quality, functionality, and price).

To accomplish the above tasks, we have a staff that is highly experienced in recognizing technology trends; selecting desired features; evaluating appropriate software, PCs and peripherals that will last; identifying reliable partners as vendors; negotiating best terms; and installing and monitoring performance of the equipment we buy. For example, our OSL and OSHEAN technical staffs have concluded that OSL libraries simply cannot use their current routers and switches; even if an extended fiber network becomes available (OSHEAN is also applying for a Category 1 Middle Mile grant, called Beacon 2.0, to provide fiber). The libraries need this one time boost in technology and we are in a unique position to implement it at a very reasonable cost.

We know what works best for our libraries and we are used to providing it. We feel the equipment quotes we have solicited are reasonable and appropriate. Both OSL and OSHEAN staff have vetted them. We have specified the items requested in this grant because they are things we really need in order to continue providing essential broadband connectivity for our member libraries and their patrons. Because OSL members include every public library in Rhode Island, we are in an advantageous position to implement change and advancement for our libraries, with the benefit of grants such as BTOP.

48. Demonstration of Financial Need

Rhode Island has taken turns with Michigan for having the highest unemployment in the nation. The latest measure (12.5%) means that one out of every eight workers in Rhode Island is out of a job. That is a hard number in human terms and has touched all of us.

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Libraries always feel the pinch more than others. They traditionally work with less, make do, and squeeze their dollars to provide the best service at the lowest price. When a town or city is faced with a downturn in the economy, libraries are among the first services to be trimmed. OSL members have experienced layoffs, furloughs, forced early retirements, and devastating reductions in municipal funding. At least six of our libraries have survived recent threats to close them. The decision to keep the Tiverton Library open passed by 23 votes. The library building in Johnston was condemned, the vote to close or replace it squeaked by in favor of rebuilding. West Warwick, North Providence, Cranston, Providence and others, are very late paying their vendors. The library in Central Falls, one of our poorest communities, had to layoff 60% of its staff. Some are borrowing money to pay salaries. We worry terribly that Rhode Island was one of the first to plunge into recession and will be among the last to emerge from it. For libraries to survive, they need to be nimble and creative.

Ocean State Libraries (OSL) is a member based organization; they have no other income besides member dues. OSL enables its libraries to collaborate and share collections, services and expenses. Libraries receive an annual grant for technology from the Champlin Foundations, but like many other charitable organizations, their funds have been reduced dramatically and they have warned us that requests for their assistance have expanded and they will not be able to give at the levels they have in the past. For its 2010 budget, OSL projected a seven-tenths of one percent increase, not even enough to stay current as prices rise. At the same time all libraries are cutting back, their patrons are out of work and in desperate need of support with resume writing skills, how to apply for a job on-line, file for unemployment benefits, 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, their place to learn. OSL is trying to help its members to survive difficult times; they cannot afford to embark on a new capital endeavor to buy more computer equipment and access to broadband, but the citizens of Rhode Island need it more now than ever. 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 from NTIA, OSHEAN and OSL cannot afford to provide the connectivity that everyone needs. Without a BTOP grant, it will not happen.

49. Historical Financial Statements.
Please refer to upload section at the end of document.

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Project Profile: Long Term Sustainability

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

     OSHEAN and OSL will ensure that the Beacon 2.0 LCC program sustains itself after the grant funding is depleted. The following actions will serve this purpose:

• Streaming video courses will be recorded and archived and accessible on OSL's website and also on the libraries' websites for future use

• Trainers will provide "train-the-trainer" instruction to hosting library staff during the funding period and later so that staff can support users both during the funding period when the trainers are not in their libraries.

• The OSL staff will continue to support and maintain the technology at the centers as part of their ongoing work for the member libraries.

• Equipment warranties and maintenance contracts with service level agreements will be put in place to cover the equipment for its useful life.

• Additional funding sources will be continually sought once the Beacon 2.0 LCC has been proven successful; and it is OSHEAN's and OSL's intention to replicate this solution in other libraries.

• OSL expects that other funding sources will continue to fund important OSL programs, including Beacon 2.0 LCC.

51 - B. Sustainable Broadband Adoption Sustainability

     Beacon 2.0 LCC is a Public Computer Center application, therefore, this question is not applicable.

Project Profile: Outside Leverage

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51. Matching Funds.

Please refer to upload section at the end of document.

52. Unjust Enrichment

Neither OSHEAN, our partners, nor any other entity associated with this project is requesting any financial (or in-kind) support for the Beacon 2.0 LCC Program, other that what was specifically identified as Matching Funds. Furthermore, the matching amounts specified there are not in duplication of what is being requested from BTOP.

OSHEAN is filing linked applications for two other programs, one in Category 1 (Beacon 2.0) and a second application in Category 2 (Beacon 2.0 PHA). The funds requested in those applications are associated solely with those program elements that are not included in this Category 2 application (Beacon 2.0 LCC). Therefore, there is no duplication.

53. Disclosure of Federal and/or State Funding Sources

For Funding Year 2009 (7/01/2009 – 6/30/2010) our partner, OSL will receive $62,100.04 from Universal Service Funds. This funding is related to our Beacon 2.0 LCC program because it helps us to provide the internet access funding that will enable Beacon 2.0 LCC to work within our libraries. Internet access funding for libraries has not been requested under this grant application, therefore there is no funding duplication.

54. Buy American.

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

Buy American Waiver Request Explanation
Beacon 2.0 LCC is not requiring a waiver to the Buy American Requirement, therefore, this question is not applicable.

H. DOC Environmental Checklist

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

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

I. Compliance and Certification

56. Certification and signature.

Please refer to upload section at the end of the document.

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

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

Uploads

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

Upload Name
02. Q24 PCC; Q29 SBA - Management Team Resumes
03. Q26 PCC; Q31 SBA - Organization Chart
04. Q27 PCC; Q32 SBA - Key Partners
06. Q35 PCC; Q40 SBA - Historical Financial Statem
08. Environmental Checklist
09. Compliance and Certifications*
10. CD-511 Certification - Lobbying, Upper Tier*
11. CD-512 Certification - Lobbying, Lower Tier
12. SF-424A Budget Information Non-Construction**
13. SF-424B Assurances Non-Construction
16. SF-LLL Disclosure of Lobbying Activities*

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

17. Legal Opinion*
18. Authentication*

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

24. Management Team Resumes (1p per)
Q-24. Management Team Resumes

George Loftus – OSHEAN President & CEO and Beacon 2.0 Program Manager

Appointments

2000-present	President & CEO	Ocean State Higher Education & Administrative Network (OSHEAN)
2004-present	President & Chairman of the Board	North East Research & Education Network (NEREN)
1991- 2000	Director of Network Services	Brown University
1989-1991	Manager of Technical Services	Textron Financial, Inc.
1987-1989	V.P. of Technical Services	Brown & Associates, Inc.
1981-1987	Senior Network Architect	Raytheon Company
1979-1981	Computer Programmer	Travelers Insurance

Professional Experience and Accomplishments

President and CEO of OSHEAN, responsible for day to day operations of a multi-million dollar, twenty-eight member coalition of higher education, health care, K-12, libraries, and government agencies. Deliver collaborative technological solutions over an advanced self-managed fiber optic network throughout Rhode Island and Southeastern Massachusetts. (2000 – Present)

President of NEREN, involved in advanced networking projects throughout the Northeast. Developed the governance, financial and technical aspects of building a multi-state fiber optic network from New York City to Boston and Albany. Developed and delivered the Safe Harbor Disaster Recovery site used by over 12 institutions of higher education. (2004- Present)

Chair of the Internet2 Architecture and Operations Advisory Council (AOAC) which advises the Internet Board and management on matters relating to the architecture, operations, and policies of the Internet2 Network, including regional and international connectivity. The AOAC is responsible for interacting directly with other network advisory committees.

Chair of The Quilt, a coalition of 28 advanced regional network organizations, where leaders from throughout the advanced research and education network community build on the intellectual capital and best practices of network service providers worldwide. (2007)

Director of Network Services Brown University, responsible for the development of a 10-year campus network infrastructure plan (1992-2002) which led to the deployment of a campus-wide fiber optic network, and network access from all residence halls. (1991-2000)

Education

Community College of RI, Computer Studies, A.S., 1979
Salve Regina University, Business Management, B.S., 1983

24. Management Team Resumes (1p per)
Timothy Rue – Director of Technology

Summary: Well rounded senior network engineer with over 20 years of technical expertise and
business leadership skills to drive process efficiencies, identify and exploit business and
technology opportunities, and provide exceptional customer service.

Professional Experience

OSHEAN Inc. – North Kingstown, RI, February 2002 - Present
Director of Technology. Develop long term network strategies. Evaluate new technologies and
develop plans for their implementation. Upgraded the network from a 50 Megabit small capacity
network to a multi gigabit high capacity service provider network. Implemented BGP load
balancing techniques to support multiple up stream service providers. Diligently worked on risk
assessment and mitigation and improved the uptime of network from 95% to 99.999%.
Responsible for the daily operations of the network 7x24 utilizing a third party NOC. Created
RFPs to solicit proposals from internet service providers and network integrators.

Cisco Systems, Lexington, MA, January, 2001 – January 2002
Systems Engineer. Provided account managers with presales engineering support and post sales
follow up. Designed and configured Cisco IP Telephony Network for strategic accounts.
Performed product and proof of concept demonstrations to new and existing customers. Provided
training to clients and internal personnel on Wireless LAN Technologies. Responded to RFPs
from prospective customers. Evaluated competitive products for their strengths and weaknesses.

Lighthouse Communications, Inc., Warwick, RI, September 1996 – January 2001
Founding Principle and Director of NOC Services. Directed the vision, strategic plan and
company operations, including service development, finance, customer service, business
development and strategic partnerships. Designed the NOC and tools utilized to perform remote
network monitoring. Deployed network monitoring solutions for subscribing customers. Created
network designs based on Cisco hardware per customer requirements.

GTECH Corporation, West Greenwich, RI, June 1986 – September 1996
Regional Manager of Communications, Americas. Directed 20 employees responsible for the
design and deployment of highly competitive Government Lottery Networks. Supported
proposals for worldwide clients. Designed and deployed licensed frequency wireless radio
communication networks in countries without traditional terrestrial networks. Designed and
deployed satellite networks using VSAT. Negotiated contracts with telephone companies and
PTTs for networks with up to 30,000 end points. Performed "Live" network cutovers.
Coordinated project teams. Responsible for multimillion dollar project budgets.

Education and Certifications

Certification in Telecommunications, Northeastern University, Boston, MA, 1994 - 1995
Certification in Electronic Engineering, Practical Schools, Anaheim, CA, 1986 – 1987
Other Certifications include CCNA (Cisco Certified Network Associate) – CCNP (Cisco
Certified Network Professional) – CCSA (Checkpoint Certified Security Administrator)

24. Management Team Resumes (1p per)

Lynne L. De Valerio, PMP – Project Reporting Manager

Summary: Proven Project Manager with 17 years of experience in large system integration implementations. Subject matter expert in project efficiency and developing customized processes and procedures based on industry best practices. Known for the unique ability to bring people together to stay informed and work as a team as the project moves through its life cycle. Outstanding background in leadership. Responsible for developing project controls which enabled all projects to be brought in on or under budget. Qualifies as a small, woman-owned business.

Professional Experience

DeValerio Consulting, LLC, Jamestown, RI, 2007 - Present
For Raytheon Integrated Defense Systems: project management consultant, working on Zumwalt DDG 1000 Navy Cruiser program. Strong Program Planning and Execution Manager using Raytheon's Management processes including Integrated Product Development System (IPDS), Integrated Master Plan/Schedule (IMP/IMS), Earned Value Management System (EVMS) and the Program Integrated Network Tool (PIN). Responsibilities include schedule development and management and cross project coordination.

For Neighborhood Health Plan of RI: project management consultant, responsible for managing, planning, coordinating, and expediting activities for the implementation of a new product.

Integrated Management Solutions, Inc. Jamestown, RI, 2005 - 2007
Performed work on the Rayheon Zumwalt Navy Cruiser program as described above.

GTECH Corporation, West Greenwich, RI, 1992 - 2005
Manager, Program Management Office (PMO), Worldwide Implementations, 1997-2005. Responsible for the implementation, development, and maintenance of GTECH's Systems Integration PMO. The Systems Integration group was responsible for all large multi-million dollar projects delivering the implementation of on-line, instant, video and other lottery systems worldwide. The PMO had oversight responsibilities for approximately 30 active projects at any given time. In addition, I served as direct supervisor of all System Integration worldwide Project Managers (approximately 30 staff based in 6 countries – US, Poland, UK, Belgium, Portugal, and Germany).

Education and Certification

Master of Business Administration (MBA), Management, University of Rhode Island
Bachelor of Arts (BA), Psychology, University of Rhode Island

Women's Business Enterprise (WBE) Certification – Women's Business Enterprise National Council – Minority Business Certification (WBE/DBE) – State of Rhode Island
Project Management Professional (PMP) Certification – Project Management Institute
Certificate of Professional Achievement in Telecommunications Engineering, Northeastern University – Secret Clearance, obtained 2006

24. Management Team Resumes (1p per)
Sue Lataille – OSHEAN and Beacon 2.0 Director of Finance and Administration

Professional Experience

Financial Consultant – for several clients	2001-Present

OSHEAN, Inc. Director of Finance and Administration   2005-Present
Preparation of Annual Budget; Variance Analysis; Human Resource Administrator; Annual Audit Supervision

Financial Innovations Inc., Chief Accountant   2004—Present
Financial Statement Preparation; Accounting; Department Supervisor

M. Howard & Ruth E Triedman MD., Inc., Financial Specialist   1990-Present
Tax Planning; Accounting/Budgeting

RINET, Financial Consultant,   2001- Present
Auditing/Budgeting

Hodosh Dental Associates, Fraud Consultant   2004-2008
Internal Control Monitoring

Kent County Memorial Hospital Employees' Federal Credit Union 1991-2005
Compliance Auditor

Mardo Lachapelle & Co, Certified Public Accountants   1999-2001
Audit Specialist

Education and Certification
Education: BS, Accounting, University of Rhode Island, 1980 (Summa Cum Laude)

24. Management Team Resumes (1p per)

Allison Ferreira – OSHEAN and Beacon 2.0 Business Operations Manager

Professional Experience

<u>OSHEAN, Inc., North Kingstown, RI</u>   January, 2004 - Present
Manager of Business Operations   July, 2008 - Present
- Oversee all business operations. Responsible for development, presentation and approval of annual $3.5M budget. Direct Interface with Finance Committee, Audit Committee, and Board of Directors

- Generate financial analysis, market comparisons and plans for Finance Committee and Board. Support annual financial audits under Director of Finance and Administration; process all AP/AR transactions and associated vendor/member relations and negotiations; and project manage member service projects and process all associated agreements

- Produce and oversee all media, including acting as lead for annual report and OSHEAN Current (publication).

- Perform HR duties including Payroll and Benefits records

- Manage all Business Administrator and Communications Administrator staff duties

Business Analyst   January, 2004 – July, 2008
- Provided support to the Executive Director and Manager of Business Operations

<u>NEREN, Inc., North Kingstown, RI</u>   January, 2004 – Present
Business Analyst
- Provide support to the Board of Directors
- Responsible for development, presentation and approval of annual budget
- Process all AP/AR transactions and associated vendor/member relations and negotiations
- Generate financial analysis, market comparisons and plans for Board of Directors
- Engage in RFP processes for dark fiber and network services
- Assist with PM for member service projects and associated contract development and negotiations
- Coordinate with webmaster on website production and applications

Education and Certification
- BA, Economics; University of New Hampshire, Whittemore School of Business and Economics, Durham, NH Graduated Cum Laude with a 3.3 / 4.0 GPA
- 2006 – Bryant University Executive Development Center - Project Management Certificate
- 2005 – Community College of Rhode Island – Introduction to Dreamweaver Certificate
- 2005 – Community College of Rhode Island – Designing Effective Web Sites Certificate
- 2004 – Community College of Rhode Island – Creating Effective Web Pages Certificate
- QuickBooks and Peachtree Accounting Software Programs
- Microsoft Office Suite – includes Word, Excel, Access, Visio, PowerPoint, Publisher
- Adobe Products – includes Illustrator and Acrobat

24. Management Team Resumes (1p per)

Joan Gillespie – Ocean State Libraries Executive Director

Joan Gillespie is the Executive Director of Ocean State Libraries, Inc., the public library
consortium in Rhode Island. OSL provides the telecommunications network, the integrated
library system, PC integration, centralized cataloging, training and support for the 50 member
libraries in 71 locations around the state. Ms. Gillespie manages all aspects of the organization.
Prior to joining OSL in 2006, Ms. Gillespie was Executive Director for Libraries Online, a 22
member library consortium in Connecticut. She has a background in both IT management and in
management consulting to the transportation industry. She earned a BA in English Literature
from the University of Connecticut. She holds a Masters degree in Library and Information
Science and a Masters degree in Business Administration, both from Simmons College.

Richard Payette – Ocean State Libraries Technology Coordinator

Richard Payette, Ocean State Libraries Technology Coordinator, has been involved with library
computer technology for thirty years, starting with the creation of the first public computer lab in
a Rhode Island public library. Since 1987, he has worked with Integrated Library Systems (ILS)
from four vendors. While working for CLAN-Ocean State Libraries, he has been responsible for
standardizing computer systems, software, and the management of PCs in RI public libraries. His
skills include equipment purchasing, technology support and installation, Windows PC imaging
(Ghosting), systems virtualization, and web site management. He manages the purchases of
computers under the annual Champlin Technology Grant. Before he joined CLAN/Ocean State
Libraries, he worked at the West Warwick Public Library (WWPLS). Mr. Payette has a BA and
a Master of Library and Information Science (MLIS) from the University of Rhode Island.

Ken Corsetti – Ocean State Libraries Network Engineer

Ken Corsetti has worked with the Rhode Island Library network system, Ocean State Libraries,
for the last 12 years as the main network engineer in charge of network design, installation,
upgrading and maintenance. OSL uses Cisco Networking gear for the hardware along with
Packeteer Packetshapers for a bandwidth manager solution. He has upgraded the network in the
past from a multi vendor environment to one standardized and uniform network. He has installed
and configured all of the shapers in the network. Mr. Corsetti has participated in the Cisco
Certification Program and has received his Cisco "CCNA" and the Cisco "CCNP" certification.
He has obtained the highest Packeteer certification, the "PCE" (Packeteer Certified Engineer).
He then went on to get his certification to be an instructor for the Packeteer Corporation, and has
travelled around the country training, installing, and consulting. Mr. Corsetti is also responsible
for the firewall, security and wireless solutions at all 71 OSL locations. He maintains and
troubleshoots day to day operations for all remote sites and the core of the network in Warwick,
Rhode Island.

Lisa Davis – Ocean State Libraries Lead Trainer

Lisa Davis has worked at OSL for two and a half years. She is the ILS Librarian. Ms. Davis is
the liaison between OSL and library staff at the 71 branches for many of the questions and issues

24. Management Team Resumes (1p per)
related to the software, the OPAC, databases, and the downloadable media that the consortium
shares. She conducts 30-40 training sessions each year either at a library or at the OSL office on
everything from Best Practices to using the Advanced Functions of the Millennium product. She
is the in-house administrator for managing the customization for libraries on the EBSCO
databases and also on web site and features changes to the Downloadable Media site, EZone.
She holds 10-12 webinar style workshops for both the OverDrive and the EBSCO products each
year. Previously, Ms. Davis was a Circulation Assistant at the Jamestown Public Library since
2001. Since joining OSL, she continues to serve as a Sunday and substitute Reference Librarian
for the Jamestown Library. From 1988 through 2000, Ms. Davis worked as a programmer,
writing customized database-driven software for lawyers. Ms. Davis earned a BS in Operations
Research Engineering from Johns Hopkins University and a BS in Mathematics from Providence
College. She earned her Masters Degree in Library and Information Science from the University
of Rhode Island.

26. Organizational Chart

Figure 26-1 depicts the OSHEAN organization and the Beacon 2.0 LCC project team. The paragraphs following the chart describe the roles and responsibilities of the key management team.
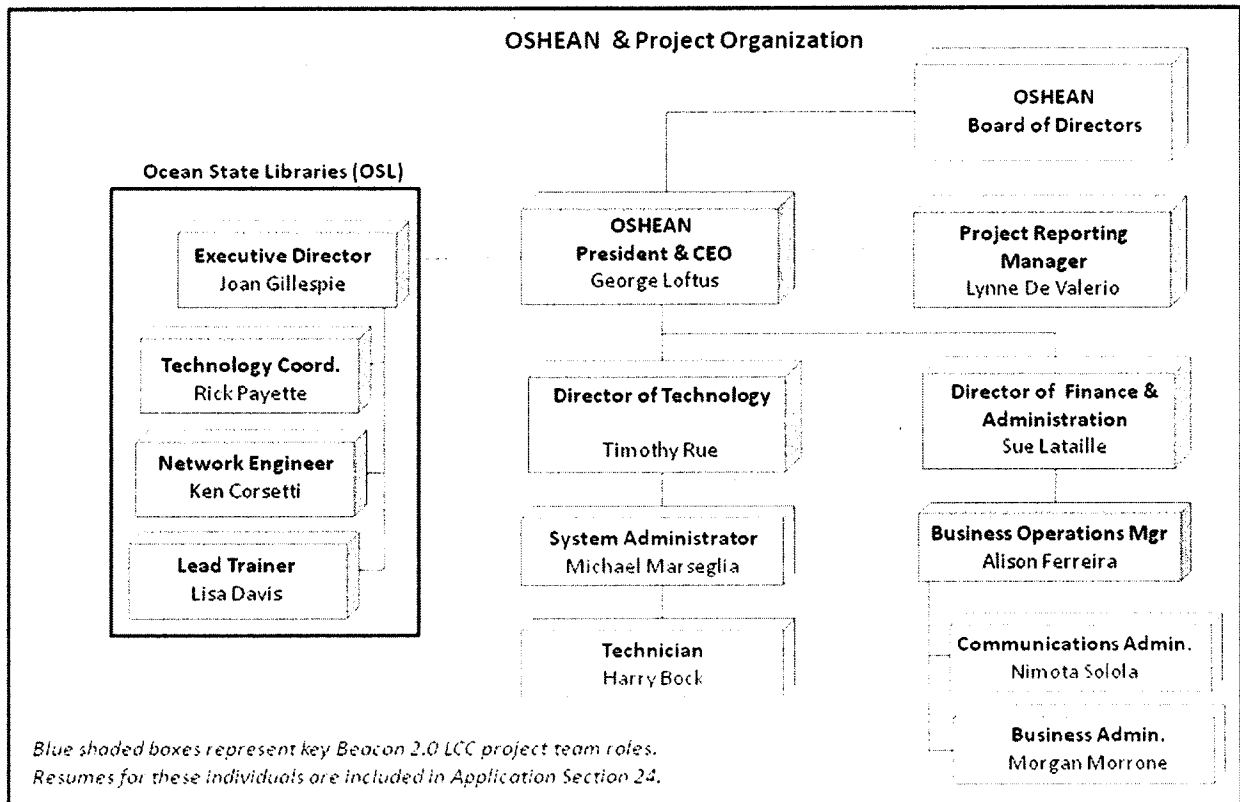

OSHEAN & Project Organization

- OSHEAN Board of Directors
- Ocean State Libraries (OSL)
  - Executive Director — Joan Gillespie
  - Technology Coord. — Rick Payette
  - Network Engineer — Ken Corsetti
  - Lead Trainer — Lisa Davis
- OSHEAN President & CEO — George Loftus
- Project Reporting Manager — Lynne De Valerio
- Director of Technology — Timothy Rue
- Director of Finance & Administration — Sue Lataille
- System Administrator — Michael Marseglia
- Business Operations Mgr — Alison Ferreira
- Technician — Harry Bock
- Communications Admin. — Nimota Solola
- Business Admin. — Morgan Morrone

Blue shaded boxes represent key Beacon 2.0 LCC project team roles.
Resumes for these individuals are included in Application Section 24.

Figure 26-1. OSHEAN Organization and Beacon 2.0 LCC Project Team

OSHEAN President & Chief Executive Officer and Beacon 2.0 LCC Program Manager

Mr. George Loftus is OSHEAN's President and CEO. He is responsible for OSHEAN's executive guidance and leadership, and has overall responsibility for smooth and efficient daily operations, including the coordination of resources on contract. All personnel report to him, directly or indirectly. Mr. Loftus' vision, in collaboration with the OSHEAN board, has been chiefly responsible for the organization's strategic direction and success. He continually strives to innovate OSHEAN's business model and achieve organizational excellence so that OSHEAN serves its members well and is always at the forefront of technology innovation and industry best practices.

Beacon 2.0 PHA Program Management: Overall responsibility for the Beacon 2.0 LCC Program will reside with Mr. Loftus. He will be the primary management interface with the government and with Ocean State Libraries (OSL). Because Mr. Loftus is also OSHEAN's CEO, the highest level of corporate visibility for the Beacon 2.0 LCC Program is assured. Mr. Loftus is authorized to make commitments and negotiate directly with the government regarding this grant. Paramount to his responsibilities is ensuring that Beacon 2.0 LCC is implemented effectively,

26. Organizational Chart

transparently, on time, and in compliance with all requirements and commitments associated with this grant application.

Mr. Loftus's resume has been included in Application Section 24.

Beacon 2.0 LCC Project Reporting Manager

Ms. Lynne DeValerio will serve as OSHEAN's Project Reporting Manager for the Beacon 2.0 LCC Program. Lynne is a senior project management professional and will monitor performance against the schedule and communicate progress to the Program Manager.

Ms. DeValerio's resume has been included in Application Section 24.

OSHEAN Director of Technology and Beacon 2.0 LCC Lead Engineer

Mr. Timothy Rue is OSHEAN's Director of Technology. He is responsible for working with the CEO and OSHEAN membership to establish OSHEAN's technology vision and for leading all aspects of the organization's technology infrastructure development. He develops long term network strategies and evaluates new technologies that will benefit OSHEAN member organizations.

Beacon 2.0 LCC Lead Engineer: as the Beacon 2.0 LCC Lead Engineer, Mr. Rue has already been engaged to work with equipment vendors and Ocean State Libraries to plan and specify the Beacon 2.0 LCC equipment configuration. This work has included the articulation of Beacon 2.0 OSL stakeholder technical needs. Mr. Rue will continue to serve as the technology focal point for Beacon 2.0 LCC throughout its implementation and operation.

Mr. Rue's resume has been included in Application Section 24.

OSHEAN and Beacon 2.0 LCC Director of Finance and Administration

Ms. Sue Lataille is OSHEAN's Director of Finance and Administration. She will also serve in that role for the Beacon 2.0 LCC Program. Ms. Lataille is a highly experienced accountant with specialized experience in managing the financial affairs of non profit organizations. Ms. Lataille is trained and experienced as an auditor and has also been responsible for fraud detection and prevention.

Ms. Lataille will serve as Director of Finance and Administration for Beacon 2.0 LCC. In addition to preparing the budget for this application, she will also manage budgets going forward and will serve as the focal point for grant compliance with Ocean State Libraries and reporting to the government. She already performs this role on Beacon 1.0 and OSHEAN's other programs.

Ms. Lataille's resume has been included in Application Section 24.

26. Organizational Chart
OSHEAN and Beacon 2.0 LCC Business Operations Manager

Ms. Allison Ferreira is OSHEAN's Business Operations Manager; and she will perform in that role for Beacon 2.0 LCC. Ms. Ferreira has worked closely with OSHEAN's and Beacon 2.0 LCC's Director of Finance and Administration to develop the Beacon 2.0 LCC budget and all supporting information. She will oversee all Beacon 2.0 LL operations and will be the operational conduit to our partners. She will be key to our ongoing government reporting obligations and will coordinate all activities with the Finance Committee and Board. She will also support financial audits. Ms. Ferreira will work closely with the Beacon 2.0 LCC Project Manager.

Ms. Ferreira's resume has been included in Application Section 24.

Ocean State Libraries Organization

The organization chart also shows the key members of the OSL organizations that will interface with OSHEAN on beacon 2.0 LCC. They include the Executive Director, Ms. Joan Gillespie; the Technology Coordinator, Mr. Rick Payette; Lead Trainer, Ms. Lisa Davis; and the Network Engineer, Mr. Ken Corsetti. While OSHEAN will maintain responsibility and accountability for all funds, accounting, compliance, and reporting; OSL staff will coordinate closely with OSHEAN staff on an ongoing basis, something that we do on a daily basis already.

OSL staff resume has been included in Application Section 24.

Ocean State Libraries, Inc.

Warwick Executive Park
The Summit South, Suite 103
300 Centerville Road, Warwick, RI 02886
Phone: (401) 738-2200 Fax: (401) 736-8949
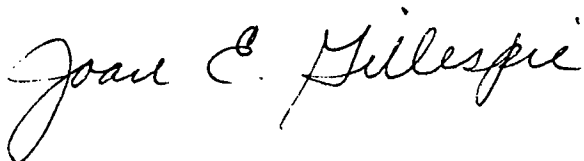Joan E. Gillespie, Executive Director (jgillespie@oslri.net)

August 6, 2009

George K. Loftus
Executive Director
OSHEAN, Inc.
6946 Post road, Suite 402
North Kingstown, RI 02852

Dear George,

I am writing to confirm that Ocean State Libraries, Inc. is an informed and committed partner of OSHEAN's in the BTOP grant application you are submitting. It is our pleasure to partner with you on this very important grant. We are committed to this project and intend to work directly with OSHEAN to ensure that the project is carried out and completed in accordance with all that is proposed in the grant application. Ocean State Libraries, Inc. will donate in kind contributions of some of our staff time and office space, equipment and supplies in support of the project. Our member libraries will donate the space for placement of the telepresence centers and staff time for learning how to use the equipment and learning how to train others to implement our aspects of the grant. The funds we may be able to receive can have a huge impact on the citizens and the economy of Rhode Island.

Sincerely,

Joan E. Gillespie

THE CHAMPLIN FOUNDATIONS

August 5, 2009

Joan E. Gillespie, Executive Director
Ocean State Libraries, Inc.
300 Centerville Rd. Suite 103S
Warwick, RI 02886

Applicant: Cooperating Libraries Automated Network

Dear Joan:

This letter will serve to acknowledge your request for a letter confirming the intention of the Champlin Foundations to give Cooperating Libraries Automated Network (d/b/a Ocean State Libraries, Inc.) a matching grant of $354,475 for technology needs for the consortium. This match may be applied to your application for a BTOP grant to the NTIA.

Please keep us advised of the status of your Federal grant application.

Yours Truly,

Timothy N. Gorham
Associate Director

SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8. Public Computer Centers and Sustainable Broadband Adoption	$	$	$ 354,475.00	$ 354,475.00
9.				0.00
10.				0.00
11.				0.00
12. TOTAL *(sum of lines 8-11)*	$ 0.00	$ 0.00	$ 354,475.00	$ 354,475.00

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$ 1,110,083.00	$ 418,708.00	$ 268,834.00	$ 397,958.00	$ 24,583.00
14. Non-Federal	354,475.00	354,475.00			
15. TOTAL *(sum of lines 13 and 14)*	$ 1,464,558.00	$ 773,183.00	$ 268,834.00	$ 397,958.00	$ 24,583.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (Years)			
	(b) First	(c) Second	(d) Third	(e) Fourth
16. Public Computer Centers and Sustainable Broadband Adoption	$ 98,334.00	$ 37,083.00	$	$
17.				
18.				
19.				
20. TOTAL *(sum of lines 16-19)*	$ 98,334.00	$ 37,083.00	$ 0.00	$ 0.00

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges:	22. Indirect Charges:

23. Remarks:

BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Public Computer Cer		$	$	$ 1,245,500.00	$ 354,475.00	$ 1,599,975.00
2.						0.00
3.						0.00
4.						0.00
5. Totals		$ 0.00	$ 0.00	$ 1,245,500.00	$ 354,475.00	$ 1,599,975.00
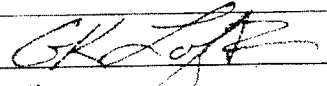
SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total
	(1) Federal	(2) Non-Federal/Match	(3)		(5)
a. Personnel	$ 160,000.00	$	$	$	$ 160,000.00
b. Fringe Benefits	30,000.00				30,000.00
c. Travel	10,000.00				10,000.00
d. Equipment	1,045,500.00	354,475.00			1,399,975.00
e. Supplies					0.00
f. Contractual					0.00
g. Construction					0.00
h. Other					0.00
i. Total Direct Charges *(sum of 6a-6h)*	1,245,500.00	354,475.00	0.00	0.00	1,599,975.00
j. Indirect Charges					0.00
k. TOTALS *(sum of 6i and 6j)*	$ 1,245,500.00	$ 354,475.00	$ 0.00	$ 0.00	$ 1,599,975.00
7. Program Income	$	$	$	$	$ 0.00

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

Disclosure of Lobbying Activities

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352
(See reverse for public burden disclosure)

1. Type of Federal Action:	2. Status of Federal Action:	3. Report Type:
a. contract **x** b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance	a. bid/offer application **x** b. initial award c. post-award	**x** a. initial filing _____ b. material change **For material change only:** Year _____ quarter _____ Date of last report _____

4. Name and Address of Reporting Entity:	5. If Reporting Entity in No. 4 is Subawardee, Enter Name and Address of Prime:
X Prime _____ Subawardee Tier_____, if Known: OCEAN, INC. UYUY Post Road Suite 402 North Kingstown, RI 02852	
Congressional District, *if known:*	Congressional District, *if known:*

6. Federal Department/Agency: Department of Commerce NTIA	7. Federal Program Name/Description: NTI-BTOP CFDA Number, *if applicable:* 11.557

8. Federal Action Number, *if known:* (Fed. of number) 0600-ZAZ8	9. Award Amount, *if known:* $

10. a. Name and Address of Lobbying Registrant *(if individual, last name, first name, MI):* N/A	b. Individuals Performing Services *(including address if different from No. 10a) (last name, first name, MI):* NONE

11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.	Signature: _____ Print Name: George K. LOFTUS Title: President + CEO Telephone No.: 401-886-0887 Date: 8-11-09 401-886-0887 x201

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ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response. including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed. and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden. to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

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

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

As the duly authorized representative of the applicant. I certify that the applicant

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.

2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records. books, papers. or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.

3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.

4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency

5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900. Subpart F).

6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race. color or national origin: (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686). which prohibits discrimination on the basis of sex, (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3). as amended. relating to confidentiality of alcohol and drug abuse patient records: (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and. (j) the requirements of any other nondiscrimination statute(s) which may apply to the application

7. Will comply. or has already complied. with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.

8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.

10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is $10,000 or more.

11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).

12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.

13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).

14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.

15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.

16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.

17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."

18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

* SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	* TITLE
George K. Loftus	President + CEO
* APPLICANT ORGANIZATION	* DATE SUBMITTED
OSHEAN, Inc.	August 14, 2009

Standard Form 424B (Rev 7-97) Back

Legal Opinion

August 11, 2009

Administrator
Rural Utilities Service
U. S. Department of Agriculture
Washington, D. C. 20250-1500

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

Re: NTIA Broadband Technology Opportunity Grant Application of Ocean State Higher Education Economic Development Administrative Network, Inc. (d/b/a OSHEAN)

Dear Sir or Madam:

We are outside general counsel for Ocean State Higher Education Economic Development Administrative Network, Inc. (d/b/a **OSHEAN**) (the "Applicant.") In such capacity, we acted as counsel to the Applicant in connection with its ability to apply to the Broadband Technology Opportunities Program and in the review of the grant agreement, as referenced in the Notice of Funds Availability.

We are of the opinion that:

(a) the Applicant is a duly organized and existing non-profit corporation under the laws of the State of Rhode Island;

(b) the Applicant has corporate power: (1) to execute and deliver the grant agreement and (2) to perform all acts required to be done by it under said agreement; and
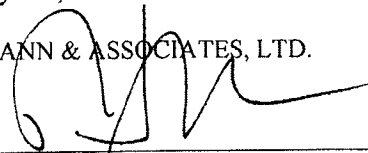
(c) no legal proceedings have been instituted or are pending against the Applicant, the outcome of which would adversely affect the Applicant's ability to perform the duties under the grant agreement, and there are no judgments against the Applicant which would adversely affect the Applicant's ability to perform the duties under the grant agreement.

Very truly yours,

BROCKMANN & ASSOCIATES, LTD.
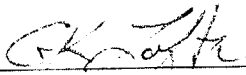
BY: _____
ITS: ___President | Owner___

Certifications and Signature

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

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

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

(iv) If requesting BTOP funding, I certify that the entity(ies) I represent has secured access to pay the 20% of total project cost or has petitioned the Assistant Secretary of NTIA for a waiver of the matching requirement or received a waiver.
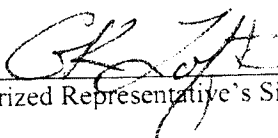
Signature of authorized person _____ Date _August 14, 2009_____

Print name of authorized person ____George K. Loftus_____

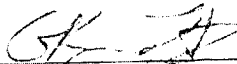Title or position __President and CEO, OSHEAN, Inc._____

U.S. Department of Commerce
Broadband Technology Opportunities Program

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

10 August 2009
(Date)

(Authorized Representative's Signature)

Name: George K. Loftus

Title:

Broadband Infrastructure Application
Submission to RUS (BIP) and NTIA (BTOP)

Certification Requirements BTOP

U.S. Department of Commerce
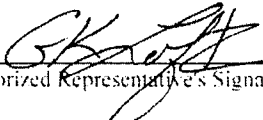### Broadband Technology Opportunities Program

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

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

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12-11-2009
(Date)

(Authorized Representative's Signature)

George K. Loftus
Name:

President & CEO
Title:

FORM CD-511
(REV 1-05)

CERTIFICATION REGARDING LOBBYING

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

LOBBYING

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

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

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

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

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

Statement for Loan Guarantees and Loan Insurance

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

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

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

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

NAME OF APPLICANT	AWARD NUMBER AND/OR PROJECT NAME
O.SHEAN, InC.	Beacon 2.0

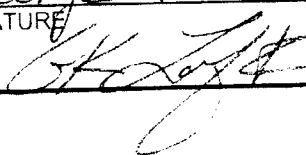PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

George K. LoFTUS , President and CEO   August 14, 2009

SIGNATURE   DATE

CERTIFICATION REGARDING LOBBYING
LOWER TIER COVERED TRANSACTIONS

Applicants should review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 28, "New Restrictions on Lobbying."

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

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As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification.
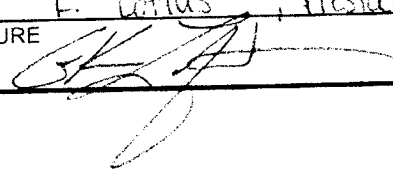
NAME OF APPLICANT	AWARD NUMBER AND/OR PROJECT NAME
Ushurin, Inc	Beacon 2.0

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

George L. Loftus , President and CEO

SIGNATURE	DATE
	August 7, 2009