



North Central Regional Solutions Advisory Committee
Representing Hood River, Sherman, and Wasco Counties

Monday, December 18, 2017

Meeting Location: Columbia Gorge Community College, 400 East Scenic Drive

Board Room (Building 1)

Dial-In option: 888-251-2909

Access code: 3494891

10:00 AM –12:30 PM

AGENDA

- 10:00 – 10:10 Introductions
- 10:10 – 10:20 Public Comment
- 10:20 – 10:30 Adoption regional priorities
- 10:30 – 11:15 Ranking of Regional Infrastructure Fund responses
- 11: 15 – 11:30 Discussion of upcoming Land Conservation and Development Commission meeting in Hood River (Scott Edelman)
 - Focus on housing
 - Other topics to bring up?
- 11:30 – 12:00 Information on the Westerman Bill (Speaker TBD)
- 12:00 – 12:30 Committee member roundtable

The meeting location is accessible to persons with disabilities. To request an interpreter for the hearing impaired or for other accommodations for persons with disabilities, please make requests at least 48 hours before the meeting to Lisa Howard at 503-378-6502; at Lisa.Howard@Oregon.gov; or by TTY: Oregon Relay Services at 1-800-735-2900



**North Central Regional Solutions
December 18, 2017**

North Central Priorities (Wasco, Hood River and Sherman Counties):

- Attainable housing
- Infrastructure focus on
 - Waste water
 - Water
 - Broadband
 - Public transportation, access, freight
- Providing support for target sectors
 - High tech: Unmanned Systems
 - Manufacturing
 - value added agriculture, fermentation science
 - Health care
 - Renewable energy
 - Forest/Wood products
 - Arts/Culture/Tourism
- Workforce training
 - Increase skill levels (focus on target sectors)
 - Develop more internship, including paid, opportunities
 - Enhance regional participation in workforce investment boards
- Regulatory integration/streamlining
 - Develop Regulatory Road Map
 - Facilitate industrial site readiness
 - Engage with Columbia River Gorge Commission to seek clarity around important community interest, including urban area boundary expansion and implementation of second purpose of the National Scenic Act



North Central Regional Solutions Advisory Committee

Representing Hood River, Wasco, and Sherman Counties

TO: North Central Regional Solutions Advisory Committee

FROM: Nate Stice

DATE: December 11, 2017

RE: Request for Information Regional Priority Projects

Outcome needed:

The goals are:

- 1) to select one (or two) priority project(s) that will be recommended to the Governor's Office and Business Oregon for further presentation to the legislature;
- 2) Advise the North Central Team on which projects to develop further for a potential RFA application.

The selection of these projects does not constitute a funding decision, and the advisory committee will have the opportunity to further review these and other projects during an upcoming request for application process.

Background

In 2017 the Oregon Legislature awarded \$4M in lottery bond revenue to fund Regional Solutions priority projects statewide. These bonds will be sold spring 2019. In order to provide information to the Governor's Office, Business Oregon and the legislature about the projects that may be funded, as well as to assess the demand for additional funds, Regional Solutions issued a Request for Information (RFI) on October 1; responses were due by October 31. In North Central Oregon eight projects were submitted in response to the RFI. The teams and committees have been asked to prioritize these projects. A Request for Applications will be issued in spring 2018, once there is certainty about the amount of funds available.

As it stands, each region will receive a minimum of \$200,000, with the opportunity for projects to compete for the remaining \$1.8 million,

Project review

The North Central RST met to discuss the projects submitted and provides the attached review. The criteria used to review the projects were:

- 1) Addresses a regional priority identified by the Committee
- 2) Demonstrated community support
- 3) Project has sustainable business plan (i.e. won't result in a stranded investment)
- 4) Project is ready.....has other funding contributions, can get permits, etc.
- 5) Supports the retention/creation of jobs
- 6) Regional impact

For each of these criteria the RST rated projects high (green), medium (yellow) and low (orange). The differentiation between high, medium and low relates to the degree to which the team understood the project to meet the criterion. For example, where a project met three or more of the priorities, the project is rated green for "meets regional priorities." The projects with a high percent of committed match were rated higher on project readiness. The attached chart is intended to be a discussion document for the Committee.

The goal is to select one (or two) priority project(s) that will be recommended to our office. The Governor's Office will review projects from around the state and determine whether to request additional funding in 2018.

Draft RIF Project Scoring

	Request	Regional Priority:	Community Support	Sustainable Plan	Project Ready	Job Retention/Creation	Regional Impact
Port of HR Lot #1 Development	\$107,700	Infrastructure/Industrial Land, support business clusters	Indicated support, but no enumeration	2017 plan, eco northwest	\$3.74m from applicant; still potential investment from Urban Renewal Agency	Support light industrial development in Hood River	Industrial land limited in Gorge, but project limited to HR impact
Maupin Fiber Network	\$500,000	Infrastructure/Broadband, support business clusters	Indicated support, but no enumeration	2014 plan, 2017 engineering	Partially built out, looking for match, \$534,891 in other fund ready, as well as previous build out	Support for multiple sectors, including travel and tourism related businesses	Provide opportunity for further expansion of fiber in county and for redundancy on other networks
Lower Hanel Mill Water Improvement	\$200,000	Infrastructure/Industrial land, support business clusters	Indicated support, but no enumeration	2015 plan	\$200 Match in place, site clean-up completed with Brownfields, DEQ	Support light industrial development in Hood River	Industrial land limited in Gorge, but project limited to HR impact
Cascadia Interet East Route	\$150,000	Infrastructure/Broadband, support business clusters	Indicated support, but no enumeration	Request is for planning	Not match, but question well-defined for a study	Promote economic resilience and support regional clusters	Impact throughout region and in neighboring regions
Cascade Locks Bike Hub	\$107,700	Infrastructure/Broadband, support business clusters (tourism)	Indicated support, but no enumeration	2017 Plan	\$125,000 committed from OPRD; \$67,300 from applicant; project designed and ready for buildout	Job impact minimal	Completion of full system will have Regional Impact
Dufur Wastewater	\$4,403,000	Infrastructure	Indicated support, but no enumeration	August 2017 plan	No match; 2018 begin date depending on funding	unclear from application, but potentially	Important for housing and potential industrial land
Dufur Water System	\$2,000,000	Infrastructure	Indicated support, but no enumeration	August 2017 plan	\$318,700 local match; 2018 start depending on funding	unclear from application, but potentially	Important for housing and potential industrial land
Frontier Telenet & Q-Life Interconnect	\$1,600,000	Infrastructure/Broadband	Indicated support, but no enumeration	August 2017 plan	\$318,700 local match	unclear from application, but potentially	Important for housing and potential industrial land

High	Medium	Low
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REQUEST FOR INFORMATION FORM



Return this form to: infrastructurefund.regional@oregon.gov

Or to: Business Oregon - Regional Infrastructure Fund
775 SUMMER ST NE STE 200 - SALEM OR 97301-1280

Deadline: Oct 31 2017 by 5 pm

Note: Completion of this form does not guarantee an application will be invited.
RST and/or Business Oregon may provide comments and suggestions for further project development.

SECTION 1 A: POTENTIAL APPLICANT	
Organization Name City of Cascade Locks	Organization City <i>(Identify the ORS under which entity is formed if potential applicant is an entity other than city or county, such as special district, authority, association, et cetera.)</i>
Street Address 140 SW WaNaPa Cascade Locks, Oregon 97014	Mailing Address PO Box 308, 140 SW WaNaPa Cascade Locks, Oregon 97014
Office Phone 541-374-8484	Web URL www.cascadelock.com

SECTION 1 B: PROJECT CONTACT	
Name Gordon Zimmerman	Title City Administrator
Phone 541-374-8484	Email gzimmerman@cascade-locks.or.us
Phone (cell) 541-953-1087	

SECTION 1 C: PROJECT OVERVIEW	
Project Name	City of Cascade Locks Gorge Bike Hub
Project Region To see the website version of each region's priorities, see this link to "All Regions - Advisory Committees, Teams, Priorities" document: http://www.oregon.gov/gov/admin/regional-solutions/Pages/default.aspx Select one region, then select all applicable Regional Solutions Priority or Priorities addressed by project outcomes:	
<input type="radio"/> North Coast (Clatsop, Columbia, Tillamook, and western Washington Counties)	
<input type="radio"/> Mid-Valley (Marion, Polk, and Yamhill Counties)	
<input type="radio"/> South Valley/Mid Coast (Benton, Lane, Lincoln, and Linn Counties)	
<input type="radio"/> South Coast (Coos, Curry, and Douglas Counties)	
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<input checked="" type="radio"/> North Central (Hood River, Sherman, and Wasco Counties)	
<input type="radio"/> Central (Crook, Deschutes, and Jefferson Counties)	
<input type="radio"/> South Central (Klamath and Lake Counties)	
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<input type="radio"/> Northeast (Baker, Union, and Wallowa Counties)	

North Central Regional Priorities

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- Infrastructure focus on
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 - High tech
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 - Fermentation science, value added agriculture
 - Health care
 - Renewable energy
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 - Tourism
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 - Increase skill levels
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 - Facilitate industrial site readiness
 - Urban area boundaries in the National Scenic Area and need for clarity from Columbia Gorge Commission re: amendments

Project Location (*physical address including city and county*)

Located on the north side of Cascade locks Highway (Wa Na Pa Street) at the intersection of Regulator Street in downtown Cascade Locks, Hood River County.

Is there community support for this project? Yes No

Describe and attach letters of support.

Project Category

- Planning Design only Construction only Design & Construction
 Other

SECTION 1 D: ESTIMATED FUNDING REQUEST

	Amount	
Funding Request from Regional Infrastructure Fund	107,700	
Funds from potential applicant	67,300	
Other Funds: Oregon Parks and Recreation Department	125,000	<input type="radio"/> Pending <input checked="" type="radio"/> Committed If committed, provide term:
Other Funds:		<input type="radio"/> Pending <input type="radio"/> Committed If committed, provide term:
Estimated Total Project Cost	\$ 300,000	

Cost Estimate Date: October 10, 2017	Prepared by Curran-Mcleod, Inc.
Estimated Project Start Date: May 2018	Completion Date: July 2018

SECTION 1 E: PROJECT DESCRIPTION

Opportunity / Problem

The 73-mile long Columbia River Historic Highway and State Trail is the "Crown Jewel" of the Oregon Department of Transportation's transportation system in the Columbia River Gorge. It will provide hiking and biking enthusiasts from all over the globe a world class destination experience by connecting communities from the west to east end of the Gorge with a singularly unique pedestrian and biking trail system. For the Gorge communities located adjacent to the Highway and State Trail, it is hard to understate the economic impact of this road and trail system on their local economies. Cascade Locks in particular, is host to many thousands of bike and pedestrian travelers each summer with significant economic activity occurring as a result.

As a major stopping point on both the State Highway and Trail and the Pacific Crest Hiking Trail, Cascade Locks must be ready to provide an enhanced experience for all these visitors. This project, located in the heart of Cascade Locks, will provide a unique opportunity for the City to provide needed amenities to these travelers for rest, repair and maintenance, drinking water while simultaneously providing access to nearby lodging, food and cultural sites.

Proposal / Solution *Describe the proposed solution to the above problem / opportunity including identification of whether the proposed solution is a planning (feasibility, preliminary engineering, technical assistance et cetera) only project, a final design only project, a construction only project or a combined final design / construction project. Also indicate who will be final benefactor / recipient if not same as potential applicant.*

Cascade Locks is a proud participant in the Gorge Hubs project, a coordinated effort of five riverside communities to construct a series of trail head welcome, rest and information centers for vehicular, hiking, pedestrian and bicycling traffic. Individual hubs will be constructed with restrooms, water, bicycle repair, informational kiosks and other critical amenities. The Cascade Locks project will also include park improvements to the downtown park in which it will be constructed. Overall the hubs will serve to link the communities of Troutdale, Cascade Locks, Hood River, Mosier and the Dalles together as an integral support system for the Highway and State Trails.

The City has already received some design and construction funding from the Oregon Parks and Recreation Department and has committed significant local funds for the planning and design of this project. Funds requested from this program would be applied immediately to the construction of the Gorge Hub facility planned for downtown Cascade Locks.

SECTION 1 F: BACKGROUND INFORMATION FOR DESIGN AND/OR CONSTRUCTION PROJECTS

Is the project based on a technical document that shows the project is feasible and cost effective (such as approved Master Plan, Facilities Plan or other technical report)?

Yes No

If yes, date of plan or report: October 2017

KARNOWSKI Mari * BIZ

From: Edward Hodges <eph@curran-mcleod.com>
Sent: Monday, October 30, 2017 1:21 PM
To: Regional InfrastructureFund * BIZ
Cc: gzimmerman@cascade-locks.or.us
Subject: Business Oregon Request For Information Form - City of Cascade Locks Gorge Bike Hub
Attachments: Request for Information Form Regional Solutions.Cascade Locks GBHA Final 103017.pdf

On behalf of the City of Cascade Locks Curran-McLeod, Inc. is pleased to submit to you the a completed "Request For Information" form for the Cascade Locks Gorge Bike Hub Project. If you have any questions concerning this matter, please do not hesitate to contact me or Gordon Zimmerman, City Administrator of Cascade Locks at 541-374-8484.

Please send us confirmation that you have received this form.

Thanks!

Ed

Edward P. Hodges, P.E.
CURRAN-McLEOD, INC.
6655 S.W. Hampton St., Ste. 210
Portland, OR 97223
T: (503) 684-3478
C: (503) 869-7849
F: (503) 624-8247
E: eph@curran-mcleod.com

REQUEST FOR INFORMATION FORM



Return this form to: infrastructurefund.regional@oregon.gov

Or to: Business Oregon - Regional Infrastructure Fund
775 SUMMER ST NE STE 200 - SALEM OR 97301-1280

Deadline: Oct 31 2017 by 5 pm

*Note: Completion of this form does not guarantee an application will be invited.
RST and/or Business Oregon may provide comments and suggestions for further project development.*

SECTION 1 A: POTENTIAL APPLICANT			
Organization Name	City of Dufur, Oregon		Organization City <i>(Identify the ORS under which entity is formed if potential applicant is an entity other than city or county, such as special district, authority, association, et cetera.)</i>
Street Address	175 NE Third St., Dufur, Oregon 97021		Mailing Address P.O. Box 145, Dufur, Oregon 97021
Office Phone	541-467-2349	Web URL	www.cityofdudur.org

SECTION 1 B: PROJECT CONTACT			
Name	Kathy Bostick	Title	City Recorder
Phone	541-467-2349	Email	dufurbcity@ortelco.net
Phone (cell)			

SECTION 1 C: PROJECT OVERVIEW	
Project Name	City of Dufur - Wastewater System Improvements
Project Region	<p>To see the website version of each region's priorities, see this link to "All Regions - Advisory Committees, Teams, Priorities" document: http://www.oregon.gov/gov/admin/regional-solutions/Pages/default.aspx</p> <p>Select one region, then select all applicable Regional Solutions Priority or Priorities addressed by project outcomes:</p> <ul style="list-style-type: none"> <input type="radio"/> North Coast (Clatsop, Columbia, Tillamook, and western Washington Counties) <input type="radio"/> Mid-Valley (Marion, Polk, and Yamhill Counties) <input type="radio"/> South Valley/Mid Coast (Benton, Lane, Lincoln, and Linn Counties) <input type="radio"/> South Coast (Coos, Curry, and Douglas Counties) <input type="radio"/> Southern (Jackson and Josephine Counties) <input type="radio"/> Metro (Clackamas, Multnomah, and Washington Counties) <input checked="" type="radio"/> North Central (Hood River, Sherman, and Wasco Counties) <input type="radio"/> Central (Crook, Deschutes, and Jefferson Counties) <input type="radio"/> South Central (Klamath and Lake Counties) <input type="radio"/> Greater Eastern (Gilliam, Grant, Harney, Malheur, Morrow, Umatilla, and Wheeler Counties) <input type="radio"/> Northeast (Baker, Union, and Wallowa Counties)

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 - Develop more internship opportunities
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- Regulatory integration/streamlining
 - Facilitate industrial site readiness
 - Urban area boundaries in the National Scenic Area and need for clarity from Columbia Gorge Commission re: amendments

Project Location *(physical address including city and county)*

Throughout the City of Dufur, Wasco County, Oregon

Is there community support for this project? Yes No

Describe and attach letters of support.

Project Category

- Planning Design only Construction only Design & Construction
 Other

SECTION 1 D: ESTIMATED FUNDING REQUEST

	Amount	
Funding Request from Regional Infrastructure Fund	4,403,000	
Funds from potential applicant		
Other Funds:		<input type="radio"/> Pending <input type="radio"/> Committed If committed, provide term:
Other Funds:		<input type="radio"/> Pending <input type="radio"/> Committed If committed, provide term:
Estimated Total Project Cost	\$ 4,403,000	

Cost Estimate Date: August, 2017	Prepared by Brandon Mahon, P.E.
Estimated Project Start Date: March, 2018	Completion Date: November, 2019

SECTION 1 E: PROJECT DESCRIPTION

Opportunity / Problem

The City is currently operating its wastewater system under a 5-time amended Mutual Agreement and Order issued by the Department of Environmental Quality. The City has not been able to meet discharge limits for ammonia nitrogen while discharging into Fifteenmile Creek for the past 10 years.

Infiltration and Inflow Evaluation:

Based on a review of the Discharge Monitoring Reports, there appears to be significant infiltration into the gravity sewer system. The increase varies depending on the year but is estimated to be approximately 30,000 gallons per day on average. Field reconnaissance was conducted by City staff and Anderson Perry & Associates, Inc., in March 2017 to help determine the extent of the I/I. The I/I appears to be fairly widespread throughout the City; however, four concentrated areas appeared to be contributing the majority of the I/I.

Effluent Disposal/Reuse:

The City's existing wastewater system has several deficiencies that continue to cause the City to violate the conditions of their National Pollutant Discharge Elimination System (NPDES) Permit for continued discharge into Fifteenmile Creek. As a result, the City must implement improvements for disposing treated wastewater effluent. The City has selected Option A2 - Construct Evaporative Lagoon System, as presented in Chapter 5 of the City's Wastewater Facilities Plan. This option includes modifying the existing primary and secondary treatment cells into two primary treatment cells in order to increase primary lagoon treatment capacity, constructing a new secondary treatment lagoon, and constructing an evaporative lagoon system. The existing storage lagoon will continue to be utilized for additional storage and redundancy. This option would include discontinuing discharge into Fifteenmile Creek.

Proposal / Solution Describe the proposed solution to the above problem / opportunity including identification of whether the proposed solution is a planning (feasibility, preliminary engineering, technical assistance et cetera) only project, a final design only project, a construction only project or a combined final design / construction project. Also indicate who will be final benefactor / recipient if not same as potential applicant.

The proposed solutions for the previously stated deficiencies are outlined below. These solutions have been identified in the City's Wastewater Facilities Plan (WWFP), and the City is now seeking funding for the design and construction of these improvements.

Infiltration and Inflow Evaluation:

A reduction in I/I flows will further increase the City's ability to properly treat and dispose of its wastewater. Further I/I evaluation will be completed as part of a pre-design effort in order to determine the most appropriate method of rehabilitation.

Effluent Disposal/Reuse:

The City has selected Option A2 - Construct Evaporative Lagoon System, as presented in Chapter 5 of the City's Wastewater Facilities Plan. This option includes modifying the existing primary and secondary treatment cells into two primary treatment cells in order to increase primary lagoon treatment capacity, constructing a new secondary treatment lagoon, and constructing an evaporative lagoon system. The existing storage lagoon will continue to be utilized for additional storage and redundancy. This option would include discontinuing discharge into Fifteenmile Creek.

Miscellaneous Improvements:

Improvements related to existing WWTF components that are either not operating properly or have reached their design life includes the following:

- Replace the existing flowmeter monitoring and recording equipment with new ultrasonic-type monitoring and recording instrumentation in the existing Parshall flume and in the chlorine contact chamber.
- Reconstruct the inlets to each treatment lagoon to provide better circulation and reduce short-circuiting.
- Remove sludge buildup in each lagoon cell and land apply according to an approved Biosolids Management Plan to regain the original treatment volume in the lagoons.
- Raise the dikes or excavate the bottom of the secondary cell to provide adequate freeboard.

SECTION 1 F: BACKGROUND INFORMATION FOR DESIGN AND/OR CONSTRUCTION PROJECTS

Is the project based on a technical document that shows the project is feasible and cost effective (such as approved Master Plan, Facilities Plan or other technical report)?

Yes No

If yes, date of plan or report: Draft-August 2017

KARNOWSKI Mari * BIZ

From: Kathy Bostick <dufurbcity@ortelco.net>
Sent: Tuesday, October 31, 2017 3:08 PM
To: Regional InfrastructureFund * BIZ
Subject: Application
Attachments: SKMBT_C22017103115091.pdf; SKMBT_C22017103115090.pdf

Thanks you for taking the time to review these

Kathy Bostick
City of Dufur

541-467-2349
dufurbcity@ortelco.net

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775 SUMMER ST NE STE 200 - SALEM OR 97301-1280

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Street Address 175 NE Third St., Dufur, Oregon 97021	Mailing Address P.O. Box 145, Dufur, Oregon 97021
Office Phone 541-467-2349	Web URL www.cityofdufur.org

SECTION 1 B: PROJECT CONTACT	
Name Kathy Bostick	Title City Recorder
Phone 541-467-2349	Email dufurcity@ortelco.net
Phone (cell)	

SECTION 1 C: PROJECT OVERVIEW	
Project Name	City of Dufur - Water System Improvements
Project Region To see the website version of each region's priorities, see this link to "All Regions - Advisory Committees, Teams, Priorities" document: http://www.oregon.gov/gov/admin/regional-solutions/Pages/default.aspx Select one region, then select all applicable Regional Solutions Priority or Priorities addressed by project outcomes:	
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 - Urban area boundaries in the National Scenic Area and need for clarity from Columbia Gorge Commission re: amendments

Project Location *(physical address including city and county)*

Throughout the City of Dufur, Wasco County, Oregon

Is there community support for this project? Yes No

Describe and attach letters of support.

Project Category

- Planning Design only Construction only Design & Construction
 Other

SECTION 1 D: ESTIMATED FUNDING REQUEST		
	Amount	
Funding Request from Regional Infrastructure Fund	2,000,000	
Funds from potential applicant	318,700	
Other Funds:		<input type="radio"/> Pending <input type="radio"/> Committed If committed, provide term:
Other Funds:		<input type="radio"/> Pending <input type="radio"/> Committed If committed, provide term:
Estimated Total Project Cost	\$ 2,318,700	
Cost Estimate Date:	August, 2017	Prepared by Brandon Mahon, P.E.
Estimated Project Start Date:	March, 2018	Completion Date: November, 2019

SECTION 1 E: PROJECT DESCRIPTION

Opportunity / Problem

Supply:

At this time, the City does not have enough source capacity to meet current and future demands in the City System. Well No. 1 and the associated booster pumps provide approximately 450 gallons per minute (gpm), which is only 45 percent of the original water right of 1,000 gpm. Well No. 2 has a water right for an additional 300 gpm but has not been utilized in the past 25 years. The City System does not have an operational backup water supply source, and relies completely on Well No. 1 to provide water to the City.

Storage:

The City of Dufur's City System includes two rectangular partially-buried concrete water storage reservoirs. These reservoirs, Reservoirs No. 1 and 2, have storage capacities of 260,000 and 240,000 gallons, respectively. The needed storage for the 2037 design population, with an estimated available supply flow of 1,000 gpm, is approximately 920,000 gallons. The existing concrete reservoirs are currently in fair condition but will likely need maintenance during the 20-year planning period, especially Reservoir No. 2.

Distribution:

The current system cannot supply water to potential future developments, and fire flow capacity could be improved to meet state standards. Installation of a new North Reservoir along with new transmission and distribution lines will allow the City to increase existing system water circulation, improve fire flow capacity, and supply water to potential future developments. Adjusting the boundary between the City System and South Basin System will help to maintain minimum pressures throughout the City System.

Proposal / Solution *Describe the proposed solution to the above problem / opportunity including identification of whether the proposed solution is a planning (feasibility, preliminary engineering, technical assistance et cetera) only project, a final design only project, a construction only project or a combined final design / construction project. Also indicate who will be final benefactor / recipient if not same as potential applicant.*

The proposed solutions for the previously stated deficiencies are outlined below. These solutions have been identified in the City's Water System Master Plan (WSMP), and the City is now seeking funding for the design and construction of these improvements.

Supply:

It is recommended the City increase its supply capacity in the City System by installing well pumps in both Wells No. 1 and 2. This will provide the City with a backup well supply source, in the event that Well No. 1 is not operational. This is a critical improvement to ensure the City can maintain water supply to its citizens.

Storage:

It is recommended the City perform concrete maintenance in Reservoir No. 2 and construct a new 500,000-gallon North Reservoir to continue to meet the needs of the City System over the planning period. This new reservoir will also provide the City with the ability to serve residential areas within the city limits with adequate pressure and fire flows, as well as the ability to serve the industrial zoned lands within the Urban Growth Boundary, in the future.

Distribution:

Improvements recommended in the WSMP include installing water main lines to serve higher elevation areas in the system; changing system boundaries and creating a new pressure zone; increasing existing fire flows; eliminating dead-ends to improve looping, circulation, and fire flow capacities; and installing fire hydrants to improve hydrant coverage.

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Is the project based on a technical document that shows the project is feasible and cost effective (such as approved Master Plan, Facilities Plan or other technical report)?

Yes No

If yes, date of plan or report: Draft-August 2017

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Deadline: Oct 31 2017 by 5 pm

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SECTION 1 A: POTENTIAL APPLICANT	
Organization Name Frontier TeleNet	Organization Other Public Organization <i>(Identify the ORS under which entity is formed if potential applicant is an entity other than city or county, such as special district, authority, association, et cetera.)</i>
Street Address	Mailing Address P.O. Box 127 Moro, Or. 97039
Office Phone 541-306-1202	Web URL www.frontiertelenet.com

SECTION 1 B: PROJECT CONTACT	
Name Mike Smith	Title Marketing Manager
Phone 541-306-1202	Email mikesmith@connectllc.us
Phone (cell) 541-306-1202	

SECTION 1 C: PROJECT OVERVIEW	
Project Name	Frontier Telenet & Q-Life Broadband Interconnect
Project Region	<p>To see the website version of each region's priorities, see this link to "All Regions - Advisory Committees, Teams, Priorities" document: http://www.oregon.gov/gov/admin/regional-solutions/Pages/default.aspx</p> <p>Select one region, then select all applicable Regional Solutions Priority or Priorities addressed by project outcomes:</p> <ul style="list-style-type: none"> <input type="radio"/> North Coast (Clatsop, Columbia, Tillamook, and western Washington Counties) <input type="radio"/> Mid-Valley (Marion, Polk, and Yamhill Counties) <input type="radio"/> South Valley/Mid Coast (Benton, Lane, Lincoln, and Linn Counties) <input type="radio"/> South Coast (Coos, Curry, and Douglas Counties) <input type="radio"/> Southern (Jackson and Josephine Counties) <input type="radio"/> Metro (Clackamas, Multnomah, and Washington Counties) <input checked="" type="radio"/> North Central (Hood River, Sherman, and Wasco Counties) <input type="radio"/> Central (Crook, Deschutes, and Jefferson Counties) <input type="radio"/> South Central (Klamath and Lake Counties) <input type="radio"/> Greater Eastern (Gilliam, Grant, Harney, Malheur, Morrow, Umatilla, and Wheeler Counties) <input type="radio"/> Northeast (Baker, Union, and Wallowa Counties)

North Central Regional Priorities

- Attainable housing
- Infrastructure focus on
 - Waste water
 - Water
 - Telecommunications/broadband
 - Public transportation, access, freight
- Providing support for business clusters
 - High tech
 - Manufacturing
 - Fermentation science, value added agriculture
 - Health care
 - Renewable energy
 - Forest/wood products
 - Arts and culture
 - Tourism
- Workforce training
 - Increase skill levels
 - Develop more internship opportunities
 - Enhance regional participation in workforce investment boards
- Regulatory integration/streamlining
 - Facilitate industrial site readiness
 - Urban area boundaries in the National Scenic Area and need for clarity from Columbia Gorge Commission re: amendments

Project Location (*physical address including city and county*)

Grass Valley, Or in Sherman County to Bakeoven, Or. Wasco County

Is there community support for this project? **Yes** **No**

Describe and attach letters of support.

Project Category

- Planning Design only Construction only Design & Construction
 Other

SECTION 1 D: ESTIMATED FUNDING REQUEST

	Amount	
Funding Request from Regional Infrastructure Fund	1,600,000	
Funds from potential applicant		
Other Funds: Applicant will provide ongoing maintenance, operations and connection to existing projects.		<input type="radio"/> Pending <input type="radio"/> Committed If committed, provide term:
Other Funds:		<input type="radio"/> Pending <input type="radio"/> Committed If committed, provide term:
Estimated Total Project Cost	\$ 1,600,000	

Cost Estimate Date: 10/30/2017	Prepared by Mike Smith
Estimated Project Start Date: Spring 2018	Completion Date: 1/1/2019

SECTION 1 E: PROJECT DESCRIPTION

Opportunity / Problem

Sherman, Gilliam, Wheeler and Wasco Counties have very limited high-speed Internet availability. Local and regional entities in this area are working together to support improved broadband service for community and economic development as well as public safety requirements. Frontier TeleNet is an ORS190 that owns and operates a tri-county Public Safety Radio network as well as being a middle mile provider of Internet through microwave and fiber. Q-Life, an intergovernmental agency that serves Wasco County, is working to solve connectivity challenges throughout the County.

Both entities serve rural and highly rural areas in order to provide much needed broadband capacity in the region that will improve access to business, workforce training, and educational opportunities as well as meet the needs of critical public institutions and public safety users. Both entities are middle mile providers formed in order to create opportunities where none have existed based on private investment alone. However, in South Wasco County and the Tri-County area served by Frontier Telnet there is no redundancy built into networks. This poses a challenge for businesses located in the area as when network outages occur, there is no recourse but to wait for repair rather than repair. This has even greater impact to public safety, 911 infrastructure, and disaster response and resiliency as it cuts communications all together.

Proposal / Solution *Describe the proposed solution to the above problem / opportunity including identification of whether the proposed solution is a planning (feasibility, preliminary engineering, technical assistance et cetera) only project, a final design only project, a construction only project or a combined final design / construction project. Also indicate who will be final benefactor / recipient if not same as potential applicant.*

FTN's fiber ends in the city of Grass Valley and Q-Life has assets in Maupin, Oregon. Q-Life is able to get to Bakeoven and this is the closest physical location to both systems. A 45 mile aerial build would create an interconnection between Frontier TeleNet and Q-Life which would address some of the challenges the two networks face by beginning to develop a ring architecture with several paths out of the local networks to broader regional connectivity.

The project would also allow the two systems to connect through fiber optics which would greatly increase the availability of a publicly owned open network and significantly increase Internet speeds in the areas between the two fiber networks in this highly rural region of the state. While private investment is severely limited in these areas, the local governments have stepped up to provide open access broadband infrastructure where possible to facilitate improved service for residents, businesses, community institutions, and public safety needs. Creating these interconnects between the two systems would make both systems more effective in their broadband coverage and provide options for residents and businesses in these North Central and Greater Eastern Oregon counties.

This increased reliability and improved access would support additional business development opportunities in South Wasco County as well as South Sherman County and throughout the two networks. It will also support the region in its role as a staging point in a major disaster West of the Cascades, as well as in addressing any major event that occurs locally. It also provides critical, hardwired public safety connectivity that would support emergency services in the area into the future.

SECTION 1 F: BACKGROUND INFORMATION FOR DESIGN AND/OR CONSTRUCTION PROJECTS

Is the project based on a technical document that shows the project is feasible and cost effective (such as approved Master Plan, Facilities Plan or other technical report)?

Yes No

If yes, date of plan or report:

KARNOWSKI Mari * BIZ

From: Michael Smith <mikesmith@connectllc.us>
Sent: Tuesday, October 31, 2017 3:30 PM
To: Regional InfrastructureFund * BIZ
Subject: Request for information form reply
Attachments: Request for Information Form Regional Solutions_FrontierTelenetv2.pdf

Greetings,

Thank you for the opportunity to submit a request. Please let me know if you have any requests or corrections.

Regards,

Mike Smith
541.306.1202
mikesmith@connectllc.us



REQUEST FOR INFORMATION FORM



Return this form to: infrastructurefund.regional@oregon.gov

Or to: Business Oregon - Regional Infrastructure Fund
775 SUMMER ST NE STE 200 - SALEM OR 97301-1280

Deadline: Oct 31 2017 by 5 pm

Note: Completion of this form does not guarantee an application will be invited.
RST and/or Business Oregon may provide comments and suggestions for further project development.

SECTION 1 A: POTENTIAL APPLICANT

Organization Name City of Maupin	Organization City <i>(Identify the ORS under which entity is formed if potential applicant is an entity other than city or county, such as special district, authority, association, et cetera.)</i>
Street Address 408 Deschutes Ave, Maupin OR 97037	Mailing Address PO Box 308 Maupin OR 97037
Office Phone 541-395-2698	Web URL http://cityofmaupin.org/

SECTION 1 B: PROJECT CONTACT

Name Lynn Ewing	Title Mayor
Phone 541-395-2811	Email maupinmayor@gmail.com
Phone (cell)	

SECTION 1 C: PROJECT OVERVIEW

Project Name Maupin Fiber Network

Project Region

To see the website version of each region's priorities, see this link to "All Regions - Advisory Committees, Teams, Priorities" document: <http://www.oregon.gov/gov/admin/regional-solutions/Pages/default.aspx>

Select one region, then select all applicable Regional Solutions Priority or Priorities addressed by project outcomes:

- North Coast (Clatsop, Columbia, Tillamook, and western Washington Counties)
- Mid-Valley (Marion, Polk, and Yamhill Counties)
- South Valley/Mid Coast (Benton, Lane, Lincoln, and Linn Counties)
- South Coast (Coos, Curry, and Douglas Counties)
- Southern (Jackson and Josephine Counties)
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- South Central (Klamath and Lake Counties)
- Greater Eastern (Gilliam, Grant, Harney, Malheur, Morrow, Umatilla, and Wheeler Counties)
- Northeast (Baker, Union, and Wallowa Counties)

North Central Regional Priorities

- Attainable housing
- Infrastructure focus on
 - Waste water
 - Water
 - Telecommunications/broadband
 - Public transportation, access, freight
- Providing support for business clusters
 - High tech
 - Manufacturing
 - Fermentation science, value added agriculture
 - Health care
 - Renewable energy
 - Forest/wood products
 - Arts and culture
 - Tourism
- Workforce training
 - Increase skill levels
 - Develop more internship opportunities
 - Enhance regional participation in workforce investment boards
- Regulatory integration/streamlining
 - Facilitate industrial site readiness
 - Urban area boundaries in the National Scenic Area and need for clarity from Columbia Gorge Commission re: amendments

Project Location (*physical address including city and county*)

City of Maupin, Wasco County

Is there community support for this project? **Yes** **No**

Describe and attach letters of support.

Project Category

- Planning Design only Construction only Design & Construction
 Other

SECTION 1 D: ESTIMATED FUNDING REQUEST

	Amount	
Funding Request from Regional Infrastructure Fund	500,000	
Funds from potential applicant	5,000	
Other Funds: Q-Life investment.	200,000	<input type="radio"/> Pending <input checked="" type="radio"/> Committed If committed, provide term:
Other Funds: Private ISP contributions to connect customers to the open system once it is built. Remaining Regional Solutions funds from allocation in 2015 cycle.	329,891	<input type="radio"/> Pending <input checked="" type="radio"/> Committed If committed, provide term:
Estimated Total Project Cost	\$ 1,034,891	

Cost Estimate Date: September, 2017	Prepared by Q-Life based on const. bids
Estimated Project Start Date: March 2018	Completion Date: September 2018

SECTION 1 E: PROJECT DESCRIPTION

Opportunity / Problem

Broadband (defined by the Federal Communications Commission as 25mbps download/3mbps upload speeds) has been identified as essential to strong economies in rural and urban areas. According to a survey by Strategic Networks Group, 60% of businesses said broadband was an essential or important factor in business siting decisions; 84% responded broadband regarding reasoning for remaining in a location. Despite the increasing importance of access, according to FCC data, only 55% of rural communities as compared to 94% of urban areas have true broadband access.

Robust broadband service in Maupin would support strong business development, improved opportunities for telecommuting, and workforce development resource access in addition to critical capacity for community institutions. Survey results showed that despite dissatisfaction with current internet access speeds, 35% said they were already using the internet to support home based businesses and 22% said they were telecommuting. More said they would pursue this type of opportunity if they had faster service with more reliability. These responses show the significant economic development opportunity created through building out a comprehensive community network versus one just focused in the traditional business core of the community.

However, most access to high speed internet in the South Wasco County area is through long-haul infrastructure that is cost prohibitive to tap into to serve rural communities located along these lines, let alone communities located farther afield. Since there is little return on this investment, companies will not consider making it on their own. Because of this, it is very challenging to address access to this critical infrastructure need without a public role.

Proposal / Solution *Describe the proposed solution to the above problem / opportunity including identification of whether the proposed solution is a planning (feasibility, preliminary engineering, technical assistance et cetera) only project, a final design only project, a construction only project or a combined final design / construction project. Also indicate who will be final benefactor / recipient if not same as potential applicant.*

The Maupin Fiber Network concept was developed to address the issues outlined above and bring gigabit capacity to the City of Maupin through a publically owned, open access network. This fiber-to-the premises network will serve all of the homes and businesses in the City of Maupin as well as improve the capacity of fixed wireless providers to serve the outlying areas by providing access to backhaul for their systems in Maupin rather than The Dalles. The fiber network will be owned by the City of Maupin, managed by Q-Life Network, an intergovernmental agency formed by Wasco County and the City of The Dalles, and will be open for private Internet Service Providers to utilize for provision of service to customers in Maupin.

This concept has been refined several times since its inception in 2014 to incorporate significant public/private partnerships into the approach as opportunities arose. Through this effort, a backhaul connection and local point of presence (POP) have been built in the City of Maupin in addition to constructing the trunk of the local distribution system. This first phase of the project was successfully completed in the spring of 2017.

For the second phase of the project, the full local distribution network has been engineered and construction drawings developed. All necessary easements and pole attachment agreements have been completed. Construction for the project went out to bid during the spring of 2017, however due to significant changes in the construction market since the original estimates were developed, the costs came in at one and a half times the anticipated level. After re-engineering portions of the project in an attempt to reduce costs, the second round of bids came back even higher due to continued pressure on the construction market and the remote nature of the proposed project.

Q-Life and the City of Maupin are committed to moving the project forward and have increased local contributions in order to match additional outside resources to complete the construction of this network. They have been working with local partners to apply for additional grant funding from several sources and are exploring all avenues to meeting the connectivity needs in Maupin and the broader South Wasco County area. The City is requesting additional funds to meet the gap in financing to complete construction of the local distribution network phase of the project.

SECTION 1 F: BACKGROUND INFORMATION FOR DESIGN AND/OR CONSTRUCTION PROJECTS

Is the project based on a technical document that shows the project is feasible and cost effective (such as approved Master Plan, Facilities Plan or other technical report)?

Yes No

If yes, date of plan or report: Summer 2017

KARNOWSKI Mari * BIZ

From: Carrie Pipinich <carrie@mcedd.org>
Sent: Tuesday, October 31, 2017 3:43 PM
To: Regional InfrastructureFund * BIZ
Cc: Maupin Mayor; Tyler Stone; STICE Nate * GOV
Subject: Maupin Fiber Network Response
Attachments: Request for Information Form Regional Solutions-Maupin_Final.pdf

Hello,

Please see the attached Regional Infrastructure Fund RFI response to support construction for the City of Maupin's Fiber Network.

Thanks,

Carrie Pipinich
Project Manager
Mid-Columbia Economic Development District
515 East 2nd Street
The Dalles, OR 97058
541-296-2266
www.mcedd.org



Virus-free. www.avg.com

REQUEST FOR INFORMATION FORM



Return this form to: infrastructurefund.regional@oregon.gov

Or to: Business Oregon - Regional Infrastructure Fund
775 SUMMER ST NE STE 200 - SALEM OR 97301-1280

Deadline: Oct 31 2017 by 5 pm

Note: Completion of this form does not guarantee an application will be invited.
RST and/or Business Oregon may provide comments and suggestions for further project development.

SECTION 1 A: POTENTIAL APPLICANT	
Organization Name Port of Hood River	Organization Special District <i>(Identify the ORS under which entity is formed if potential applicant is an entity other than city or county, such as special district, authority, association, et cetera.)</i>
Street Address 1000 E. Port Marina Drive, Hood River, OR 97031	Mailing Address 1000 E. Port Marina Drive, Hood River, OR 97031
Office Phone (541)386-1645	Web URL portofhoodriver.com

SECTION 1 B: PROJECT CONTACT	
Name Michael McElwee	Title Executive Director
Phone (541) 386-1138	Email mmcelwee@portofhoodriver.com
Phone (cell) (541) 380-0109	

SECTION 1 C: PROJECT OVERVIEW	
Project Name	Lot #1 Development: Anchor Way Extension
Project Region	<p>To see the website version of each region's priorities, see this link to "All Regions - Advisory Committees, Teams, Priorities" document: http://www.oregon.gov/gov/admin/regional-solutions/Pages/default.aspx</p> <p>Select one region, then select all applicable Regional Solutions Priority or Priorities addressed by project outcomes:</p> <ul style="list-style-type: none"> <input type="radio"/> North Coast (Clatsop, Columbia, Tillamook, and western Washington Counties) <input type="radio"/> Mid-Valley (Marion, Polk, and Yamhill Counties) <input type="radio"/> South Valley/Mid Coast (Benton, Lane, Lincoln, and Linn Counties) <input type="radio"/> South Coast (Coos, Curry, and Douglas Counties) <input type="radio"/> Southern (Jackson and Josephine Counties) <input type="radio"/> Metro (Clackamas, Multnomah, and Washington Counties) <input checked="" type="radio"/> North Central (Hood River, Sherman, and Wasco Counties) <input type="radio"/> Central (Crook, Deschutes, and Jefferson Counties) <input type="radio"/> South Central (Klamath and Lake Counties) <input type="radio"/> Greater Eastern (Gilliam, Grant, Harney, Malheur, Morrow, Umatilla, and Wheeler Counties) <input type="radio"/> Northeast (Baker, Union, and Wallowa Counties)

North Central Regional Priorities

- Attainable housing
- Infrastructure focus on
 - Waste water
 - Water
 - Telecommunications/broadband
 - Public transportation, access, freight
- Providing support for business clusters
 - High tech
 - Manufacturing
 - Fermentation science, value added agriculture
 - Health care
 - Renewable energy
 - Forest/wood products
 - Arts and culture
 - Tourism
- Workforce training
 - Increase skill levels
 - Develop more internship opportunities
 - Enhance regional participation in workforce investment boards
- Regulatory integration/streamlining
 - Facilitate industrial site readiness
 - Urban area boundaries in the National Scenic Area and need for clarity from Columbia Gorge Commission re: amendments

Project Location (*physical address including city and county*)

400 N. 2nd Street, Hood River, Hood River County, Oregon

Is there community support for this project? **Yes** **No**

Describe and attach letters of support.

Project Category

- Planning Design only Construction only Design & Construction
 Other

SECTION 1 D: ESTIMATED FUNDING REQUEST

	Amount	
Funding Request from Regional Infrastructure Fund	550,000	
Funds from potential applicant	3,735,000	
Other Funds: Potential investment from Hood River Waterfront Urban Renewal Agency	250,000	<input checked="" type="radio"/> Pending <input type="radio"/> Committed If committed, provide term:
Other Funds:		<input type="radio"/> Pending <input type="radio"/> Committed If committed, provide term:
Estimated Total Project Cost	\$ 4,535,000	

Cost Estimate Date: 10/24/2017	Prepared by Port of Hood River
Estimated Project Start Date: 5/1/2018	Completion Date: 07/01/2018

SECTION 1 E: PROJECT DESCRIPTION

Opportunity / Problem

The Port of Hood River obtained Site Certification for an 11.8-acre parcel ("Lot 1") on the Hood River Waterfront in April 2012. This is the largest remaining area of light industrial zoning in the City of Hood River. It is directly on the waterfront and currently the "gateway" to an internationally recognized recreational area. Certification elevated Lot 1 to shovel-ready status in the State of Oregon's property inventory. Construction of infrastructure - specifically, water, sewer, and public streets - is necessary to prepare the site for industrial development to meet job creation and economic development goals. The current street layout is insufficient to accommodate the increased traffic that is expected with development. Existing utility infrastructure must be relocated. This project specifically targets utility relocation, streets, curbs and parking as well as storm water improvements that are necessary to move development forward.

Proposal / Solution *Describe the proposed solution to the above problem / opportunity including identification of whether the proposed solution is a planning (feasibility, preliminary engineering, technical assistance et cetera) only project, a final design only project, a construction only project or a combined final design / construction project. Also indicate who will be final benefactor / recipient if not same as potential applicant.*

The proposed solution is for the Port, in partnership with Regional Solutions and the Hood River Waterfront Urban Renewal District, complete the design and construction of an extension of Anchor Way from 2nd Street to 1st Street; reconstruction of Riverside from 2nd Street to 1st Street; relocation and construction of 1st Street; Portway Avenue improvements; and utilities to get the site shovel ready for development while keeping costs at market rate.

SECTION 1 F: BACKGROUND INFORMATION FOR DESIGN AND/OR CONSTRUCTION PROJECTS

Is the project based on a technical document that shows the project is feasible and cost effective *(such as approved Master Plan, Facilities Plan or other technical report)?*

Yes No

If yes, date of plan or report: 2017 EcoNorthwes

KARNOWSKI Mari * BIZ

From: Genevieve Scholl <gscholl@portofhoodriver.com>
Sent: Tuesday, October 31, 2017 3:29 PM
To: Regional InfrastructureFund * BIZ
Cc: STICE Nate * GOV
Subject: RFI Response from Port of Hood River
Attachments: RSRFI.LowerMillWater.pdf; RSRFI.AnchorWayExtension.pdf

Please accept the attached two documents as our response to the Regional Solutions Infrastructure Fund RFI, and let me know if you need anything further at this time.

Thank you,

Genevieve Scholl
Communications & Special Projects Manager
Port of Hood River
Direct: (541) 386-6145
gscholl@portofhoodriver.com
<http://portofhoodriver.com>

REQUEST FOR INFORMATION FORM



Return this form to: infrastructurefund.regional@oregon.gov

Or to: Business Oregon - Regional Infrastructure Fund
775 SUMMER ST NE STE 200 - SALEM OR 97301-1280

Deadline: Oct 31 2017 by 5 pm

Note: Completion of this form does not guarantee an application will be invited.
RST and/or Business Oregon may provide comments and suggestions for further project development.

SECTION 1 A: POTENTIAL APPLICANT	
Organization Name Port of Hood River	Organization Special District <i>(Identify the ORS under which entity is formed if potential applicant is an entity other than city or county, such as special district, authority, association, et cetera.)</i>
Street Address 1000 E. Port Marina Drive, Hood River, OR 97031	Mailing Address 1000 E. Port Marina Drive, Hood River, OR 97031
Office Phone (541)386-1645	Web URL portofhoodriver.com

SECTION 1 B: PROJECT CONTACT	
Name Michael McElwee	Title Executive Director
Phone (541) 386-1138	Email mmcelwee@portofhoodriver.com
Phone (cell) (541) 380-0109	

SECTION 1 C: PROJECT OVERVIEW
Project Name Lower Mill Redevelopment Site Water Utility Improvement
Project Region To see the website version of each region's priorities, see this link to "All Regions - Advisory Committees, Teams, Priorities" document: http://www.oregon.gov/gov/admin/regional-solutions/Pages/default.aspx Select one region, then select all applicable Regional Solutions Priority or Priorities addressed by project outcomes:
<ul style="list-style-type: none"> <input type="radio"/> North Coast (Clatsop, Columbia, Tillamook, and western Washington Counties) <input type="radio"/> Mid-Valley (Marion, Polk, and Yamhill Counties) <input type="radio"/> South Valley/Mid Coast (Benton, Lane, Lincoln, and Linn Counties) <input type="radio"/> South Coast (Coos, Curry, and Douglas Counties) <input type="radio"/> Southern (Jackson and Josephine Counties) <input type="radio"/> Metro (Clackamas, Multnomah, and Washington Counties) <input checked="" type="radio"/> North Central (Hood River, Sherman, and Wasco Counties) <input type="radio"/> Central (Crook, Deschutes, and Jefferson Counties) <input type="radio"/> South Central (Klamath and Lake Counties) <input type="radio"/> Greater Eastern (Gilliam, Grant, Harney, Malheur, Morrow, Umatilla, and Wheeler Counties) <input type="radio"/> Northeast (Baker, Union, and Wallowa Counties)

North Central Regional Priorities

- Attainable housing
- Infrastructure focus on
 - Waste water
 - Water
 - Telecommunications/broadband
 - Public transportation, access, freight
- Providing support for business clusters
 - High tech
 - Manufacturing
 - Fermentation science, value added agriculture
 - Health care
 - Renewable energy
 - Forest/wood products
 - Arts and culture
 - Tourism
- Workforce training
 - Increase skill levels
 - Develop more internship opportunities
 - Enhance regional participation in workforce investment boards
- Regulatory integration/streamlining
 - Facilitate industrial site readiness
 - Urban area boundaries in the National Scenic Area and need for clarity from Columbia Gorge Commission re: amendments

Project Location *(physical address including city and county)*

3289 Neal Mill Creek Road, Odell, Hood River County, Oregon

Is there community support for this project? **Yes** **No**

Describe and attach letters of support.

Project Category

- Planning Design only Construction only Design & Construction
 Other

SECTION 1 D: ESTIMATED FUNDING REQUEST

	Amount	
Funding Request from Regional Infrastructure Fund	200,000	
Funds from potential applicant	250,000	
Other Funds:		<input type="radio"/> Pending <input type="radio"/> Committed If committed, provide term:
Other Funds:		<input type="radio"/> Pending <input type="radio"/> Committed If committed, provide term:
Estimated Total Project Cost	\$ 450,000	

Cost Estimate Date: 10/24/2017	Prepared by Port of Hood River
Estimated Project Start Date: 5/1/2018	Completion Date: 07/01/2018

SECTION 1 E: PROJECT DESCRIPTION

Opportunity / Problem

The Port of Hood River purchased nine acres of the former Lower Hanel Mill site in 2015 for redevelopment as an industrial manufacturing center. The site had been used for wood products processing from the early 1900's. Working with DEQ and Business Oregon through the Oregon Brownfields Development program, the Port completed required environmental cleanup of the old log pond, buildings and installed all utilities (water, sewer, gas, fiber and power) to and through the site in 2016. The site is now ready for development. However, the initial on site water pressure numbers given to the Port before the purchase of the land, were sufficient to supply full build out. In 2016 Crystal Springs Water District (CSWD) completed their first master plan in 30 years and found that the water pressure was not sufficient to supply industrial buildings with fire suppression as required by building code as they had originally believed. The water line currently has a gap wherein there is no pipe and is therefore not looped. The installation of 1,350 LF of 10" mainline pipe will increase the pressure significantly. There is also a water supply issue that requires a new reservoir to be constructed. CSWD has this project budgeted and scheduled to begin mid-2018. These two projects combined will enable the increase of pressure to more than sufficiently supply industrial buildings not only on the Port properties, but other properties in the larger industrial park. The Port has significant market interest in the available lots, but must establish needed fire flows before those interests can be realized.

Proposal / Solution *Describe the proposed solution to the above problem / opportunity including identification of whether the proposed solution is a planning (feasibility, preliminary engineering, technical assistance et cetera) only project, a final design only project, a construction only project or a combined final design / construction project. Also indicate who will be final benefactor / recipient if not same as potential applicant.*

The proposed solution is for the Port, in partnership with Regional Solutions, complete the installation of approximately 1,350 LF of 10" mainline pipe which will loop CSWD's system and increase the fire flow pressure to a sufficient amount to begin construction, at no cost to CSWD and on a schedule that supports the development of the property and meets the needs and demands of the manufacturing community in Hood River County. To achieve this, the Port will purchase, install, and tie-in to CSWD's system, 1,350 Lineal feet of 10" pipe by August, 2018. Sale and development of the four industrial lots will proceed immediately upon completion of the project.

SECTION 1 F: BACKGROUND INFORMATION FOR DESIGN AND/OR CONSTRUCTION PROJECTS

Is the project based on a technical document that shows the project is feasible and cost effective (such as approved Master Plan, Facilities Plan or other technical report)?

Yes No

If yes, date of plan or report:

KARNOWSKI Mari * BIZ

From: Genevieve Scholl <gscholl@portofhoodriver.com>
Sent: Tuesday, October 31, 2017 3:29 PM
To: Regional InfrastructureFund * BIZ
Cc: STICE Nate * GOV
Subject: RFI Response from Port of Hood River
Attachments: RSRFI.LowerMillWater.pdf; RSRFI.AnchorWayExtension.pdf

Please accept the attached two documents as our response to the Regional Solutions Infrastructure Fund RFI, and let me know if you need anything further at this time.

Thank you,

Genevieve Scholl
Communications & Special Projects Manager
Port of Hood River
Direct: (541) 386-6145
gscholl@portofhoodriver.com
<http://portofhoodriver.com>

REQUEST FOR INFORMATION FORM



Return this form to: infrastructurefund.regional@oregon.gov

Or to: Business Oregon - Regional Infrastructure Fund
775 SUMMER ST NE STE 200 - SALEM OR 97301-1280

Deadline: Oct 31 2017 by 5 pm

Note: Completion of this form does not guarantee an application will be invited.
RST and/or Business Oregon may provide comments and suggestions for further project development.

SECTION 1 A: POTENTIAL APPLICANT	
Organization Name Q-Life Intergovernmental Agency	Organization Other Public Organization <i>(Identify the ORS under which entity is formed if potential applicant is an entity other than city or county, such as special district, authority, association, et cetera.)</i>
Street Address 313 Court Street, The Dalles OR 97058	Mailing Address same
Office Phone (541) 296-5481	Web URL

SECTION 1 B: PROJECT CONTACT	
Name Tyler Stone	Title Administrator
Phone (541) 506-2552	Email tylers@co.wasco.or.us
Phone (cell)	

SECTION 1 C: PROJECT OVERVIEW	
Project Name	Cascadia Internet East Route Interconnection
Project Region To see the website version of each region's priorities, see this link to "All Regions - Advisory Committees, Teams, Priorities" document: http://www.oregon.gov/gov/admin/regional-solutions/Pages/default.aspx Select one region, then select all applicable Regional Solutions Priority or Priorities addressed by project outcomes:	
<input type="radio"/> North Coast (Clatsop, Columbia, Tillamook, and western Washington Counties)	
<input type="radio"/> Mid-Valley (Marion, Polk, and Yamhill Counties)	
<input type="radio"/> South Valley/Mid Coast (Benton, Lane, Lincoln, and Linn Counties)	
<input type="radio"/> South Coast (Coos, Curry, and Douglas Counties)	
<input type="radio"/> Southern (Jackson and Josephine Counties)	
<input type="radio"/> Metro (Clackamas, Multnomah, and Washington Counties)	
<input checked="" type="radio"/> North Central (Hood River, Sherman, and Wasco Counties)	
<input type="radio"/> Central (Crook, Deschutes, and Jefferson Counties)	
<input type="radio"/> South Central (Klamath and Lake Counties)	
x <input type="radio"/> Greater Eastern (Gilliam, Grant, Harney, Malheur, Morrow, Umatilla, and Wheeler Counties)	
<input type="radio"/> Northeast (Baker, Union, and Wallowa Counties)	

North Central Regional Priorities

- Attainable housing
- Infrastructure focus on
 - Waste water
 - Water
 - Telecommunications/broadband
 - Public transportation, access, freight
- Providing support for business clusters
 - High tech
 - Manufacturing
 - Fermentation science, value added agriculture
 - Health care
 - Renewable energy
 - Forest/wood products
 - Arts and culture
 - Tourism
- Workforce training
 - Increase skill levels
 - Develop more internship opportunities
 - Enhance regional participation in workforce investment boards
- Regulatory integration/streamlining
 - Facilitate industrial site readiness
 - Urban area boundaries in the National Scenic Area and need for clarity from Columbia Gorge Commission re: amendments

Project Location (*physical address including city and county*)

The Dalles, Wasco County and other areas in Eastern Oregon

Is there community support for this project? **Yes** **No**

Describe and attach letters of support.

Project Category

- Planning Design only Construction only Design & Construction
 Other

SECTION 1 D: ESTIMATED FUNDING REQUEST

	Amount	
Funding Request from Regional Infrastructure Fund	150,000	
Funds from potential applicant		
Other Funds:		<input type="radio"/> Pending <input type="radio"/> Committed If committed, provide term:
Other Funds:		<input type="radio"/> Pending <input type="radio"/> Committed If committed, provide term:
Estimated Total Project Cost	\$ 150,000	

Cost Estimate Date:	Prepared by
Estimated Project Start Date: 5/2018	Completion Date: 12/2018

SECTION 1 E: PROJECT DESCRIPTION

Opportunity / Problem

Internet provision occurs through interconnection of many networks throughout the world. These networks can range in size from serving a single community to intercontinental networks. However, in order to transmit data they need to interconnect at co-location and exchange facilities. There are several major locations for the Pacific Northwest including the Pittock Internet Exchange in Portland and the Westin Building Exchange in Seattle. Both of these facilities are critical for connecting the PNW to the broader networks that make up the Internet and the data carried from outside of the region as well as the efficiency of internal data traffic. However, both of these locations are housed in areas where experts are anticipating potentially devastating impacts from the Cascadia subduction earthquake. Were the full subduction event to occur, the Internet as we understand it would be largely or completely inaccessible in the Pacific Northwest as so many of our carriers utilize these locations for connectivity their network architecture.

Functioning, high speed networks are a key component of resiliency strategy in the face of a natural disaster. They allow first responders to access and share the information they need in a timely manner in order to address needs as efficiently and effectively as possible. Communications networks enable transportation coordination for movement of responders, resources, supplies, and people into and out of impacted communities. While local networks will be impacted in their current form in disaster impacted areas, opportunities to utilize wireless technology as short term solutions will also need the long-haul routes to the outside world that are no longer accessible.

A lack of access to the Internet post Cascadia, will significantly hamper/delay rescue and relief efforts and as such, the recovery of our region. The ability for local, regional, and state entities to access and disperse critical information will significantly impact addressing immediate recovery and public safety needs as well as the speed with which economic recovery can begin.

Proposal / Solution *Describe the proposed solution to the above problem / opportunity including identification of whether the proposed solution is a planning (feasibility, preliminary engineering, technical assistance et cetera) only project, a final design only project, a construction only project or a combined final design / construction project. Also indicate who will be final benefactor / recipient if not same as potential applicant.*

In order to address this challenge in the available infrastructure, Internet service providers and public partners need to explore the feasibility of developing an additional interconnection that creates a redundant path out of Oregon to the east that would not be impacted in a Cascadia subduction event. Development of this path would have statewide impacts on first responders as well as community and economic resiliency.

The nearest significant exchanges are located in Salt Lake City and Denver. These locations could be accessed through long-haul infrastructure and a smaller exchange already in place in Boise. However, the required capacity, interest in partnership, and any gaps in infrastructure between the western half of Oregon and Boise need to be further understood in order to implement an effective solution.

Q-Life, an intergovernmental agency formed by the City of The Dalles and Wasco County to support improved connectivity and broadband access in its area, proposes a feasibility study for a public-private partnership model to develop this interconnection and provide access to this exchange capability on the east side of the Cascades. The Dalles is already identified as a key staging location in the event of a Cascadia event, so enhancing connectivity in this area would supplement existing efforts to plan for this potentially devastating event for Oregon. As such, providing a carrier neutral (accessible to all) interconnection point in or near the City of The Dalles with robust, scalable redundant path(s) to the east should be a priority. This feasibility study will quantify what is needed to begin to realize this goal.

SECTION 1 F: BACKGROUND INFORMATION FOR DESIGN AND/OR CONSTRUCTION PROJECTS

Is the project based on a technical document that shows the project is feasible and cost effective (such as approved Master Plan, Facilities Plan or other technical report)?

Yes No

If yes, date of plan or report:

KARNOWSKI Mari * BIZ

From: Carrie Pipinich <carrie@mcedd.org>
Sent: Tuesday, October 31, 2017 8:51 AM
To: Regional InfrastructureFund * BIZ
Cc: Tyler Stone; STICE Nate * GOV; CROWELL Courtney * GOV
Subject: Cascadia Internet East Route Interconnection
Attachments: Request for Information Form Regional Solutions -Q-LifeEastRouteFinal.pdf

Good Morning,

Please see Q-Life Network's response to the Regional Infrastructure Fund's RFI response to explore feasibility for development of a carrier neutral, interconnection point with a scalable, redundant path (s) looking to the east that will support statewide internet connectivity in the event of a major natural disaster like the Cascadia earthquake as well as improve connectivity in the rural communities east of the Cascades.

Q-Life appreciates your consideration and looks forward to the next steps in this process!

Thanks,

Carrie Pipinich
Project Manager
Mid-Columbia Economic Development District
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The Dalles, OR 97058
541-296-2266
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