



R & E Grant Application Project #: 17-026

17-19 Biennium

Salmon River Hatchery Storage Facility

Project Information

Requested Cycle: 17-3
R&E Project Request: \$20,000
Other Funding: \$11,892
Total Project: \$31,892
Spending Start Date: 1/1/2018
Spending End Date: 9/1/2018
Project Start Date: 1/1/2018
Project End Date: 9/1/2018
Organization: ODFW - Corvallis Research Lab

Applicant Information

Name: Emma Garner
Address: ODFW Springfield District Office
3150 Main Street
Springfield, OR 97478
Telephone: 541-686-7864
Telephone 2: 458-201-0227
Email: emma.l.garner@odfw.oregon.gov

Past Recommended or Completed Projects

This applicant has no previous projects that match criteria.

Authorized Agent

Name: Shannon Richardson
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Corvallis, OR 97333
Telephone: 541-757-5121
Telephone 2: 541-953-8803
Email: shannon.richardson@oregonstate.edu

Location Information

Where is it?

The project will occur on public land owned or managed by another party

Landowner Information

Name: Salmon River Hatchery
Affiliation: Oregon Department of Fish and Wildlife
Address: 575 N North Bank Road
Otis, Oregon, 97368
Phone: 541-994-8606

Site Description

Street Address, nearest intersection, or other descriptive location.

575 N North Bank Road Otis, Oregon

Directions to the site from the nearest highway junction.

Take Hwy. 18 to Otis. Turn north at Otis onto Scenic Drive. Travel 1/2 mile and turn right onto North Bank Road. Proceed 1/2 mile and turn right at the hatchery sign.

Following project completion, public anglers will be allowed the following level of access to the project site:

No access

Please describe what leases, easements, agreements are in place to ensure angler access to the project site, and what is the length of each agreement.

N/A

Dominant Land Use Type:

Rural residential

Project Location

General Project Location.

County: LINCOLN
Town/City: Otis
ODFW Dist: North Coast
Stream/Lake/Estuary N/A
Name:
Sub-basin: 17100204
Tributary of: N/A

Specific Project Location.

Latitude	Longitude
45.01865	-123.93936

Project Summary

Project Summary

Please provide a couple sentence summary of the proposal.

Project #: 17-026 Last Modified/Revised: 5/26/2017 9:11:31 AM
Salmon River Hatchery Storage Facility

We would like to have a storage shelter installed for our pontoon boats and equipment allowing for gear to be easily accessible for project needs and increase the life of the boats. The garage currently in use presents safety concerns as it is over 40 years old and deteriorating.

Overall Project Goals

Describe the primary goals or outcomes of the entire project, including elements not requesting funding from R&E.

Reduce project costs currently spent on renting a storage unit and commuting to and from the location.

Allow crews to have more time during the field season reducing the need to travel when gear needs to be replaced or returned.

Extend the life of pontoons, which are used on numerous projects throughout our area.

Primary objectives of R&E funding

Please describe the measurable objectives for the R&E portion of the funding request.

Protect pontoons from damage caused by changes in weather.

Provide space for additional hatchery equipment.

Provide secure, safe, covered storage for gear and boats.

Current Situation/Justification

Please describe the current situation and explain why this funding is needed.

Previously, the boats were stored beneath a table at the hatchery facility. Because of exposure to the elements and the area's availability to the public the boats are currently being stored in an old garage. The garage was built around 1972, and over time it has developed structural issues which pose numerous safety concerns. Because of these safety concerns the barn is not predicted to continue to provide adequate storage. The boats cannot be stored outside because of exposure to various weather patterns which degrade the pontoons and decrease their life-span. Boats are used daily by field staff from September through April, requiring storage on-site. Remaining project gear is stored at a facility in Toledo 32 miles south. This facility currently costs the project \$300.00/month as well as crews' time when gear needs to be replaced or picked up. Throughout the seasons, project focuses change, requiring multiple trips to storage. A storage facility at Salmon River would allow gear to be easily accessible providing more time for staff to focus on project goals and reducing project costs. Storage would also significantly reduce project costs allowing the funds currently being used for the rental to be put to better use.

Recreation and Commercial Benefit

This project will provide benefits to:

Recreational fisheries

Commercial fisheries

Explain how this project will contribute to current (and/or potential) fishing opportunities, access, or fisheries management.

Coastal Chinook conducts research on populations of Chinook salmon throughout the Oregon coast as well as the winter steelhead population in the Salmon River Basin. The information collected allows for management decisions to be made regarding fishing activity impacting the

populations of these two species. The basins currently surveyed by the project (Elk, Siletz, Salmon, Nestucca, and Nehalem) provide recreational opportunities for the public. Guides support their livelihood by bringing clients out to stretches of the river for a chance to harvest a Chinook or steelhead. Increasing the livelihood of these individuals as well as providing angling opportunity to the public helps support the local economy of the small towns surrounding these beautiful stretches of river. The boats and various pieces of equipment are used to conduct surveys during the fall to monitor Chinook spawning activity and during the winter to monitor steelhead in the Salmon River and angler pressure put on the population.

Percent benefit split between Commercial and Recreational anglers:

50 % Commercial
50 % Recreational

Please explain, or justify, how the percentage split was determined:

Members of the public participate in recreational fishing opportunities; these anglers are local or travel from out of town. The guides using the basins to take clients fishing support themselves through their business as well as introduce people to the area. Both commercial and recreational anglers provide equal support of local economies.

This project has been identified as an ODFW priority for:

Not identified

Does this project directly support implementation of the ODFW Strategic Plan and/or current Fish Division priorities?

Please briefly explain when this was identified as a priority and what process or workgroup was used to identified this as an ODFW priority.

Identify any plan or other document that identifies this priority.

N/A

Is this project part of an approved Salmon-Trout Enhancement Program (STEP) activity?

No

This project is intended to benefit the following species:

Fall Chinook Salmon
Winter Steelhead

This project will benefit anglers or fishery by providing:

Monitoring/Research

Monitoring/Research

This project will be used to evaluate:

Hatchery releases and/or stray rates
Population composition (i.e age, species, survival, size, or genetics)
Angler satisfaction/harvest (Creel)

Has this project been reviewed or developed by an individual with appropriate qualifications (i.e ODFW biometrician, research professor)?

No

We will request review from engineering when building plans are drafted. Other review is not necessary.

Is this study critical to fishery management decisions?

Yes

The data collected by this project using field equipment is critical to fish management decisions both at a state and international level.

Yes

Funding for this project will support winter steelhead harvest evaluation as required under the Coastal Multispecies Management Plan. Outcomes from these evaluations may shape management decisions around winter steelhead harvest in this and other basins.

Is there a plan to repeat this monitoring or research in the future?

Yes

Based on Oregon's participation in the Pacific Salmon Treaty, studies are expected to continue throughout the north Oregon coast for the foreseeable future.

Will the data be reported or published?

Yes

We are required to report annually to our funders and also provide intra-agency Information Reports.

Project Description

Schedule

Activity	Date	RE Funding
Solicit bid for shelters with help from ODFW Engineering	Jan, 2018	No
Order Shelter	March, 2018	Yes
Prepare cement base for shelter with help from hatchery and project staff	May, 2018	Yes
Have shelter installed	May, 2018	Yes
Transfer gear and equipment into shelter	June, 2018	No

Permits

Permit	Secured?	Date Expected
Lincoln County Building Permit	No	1/1/2018

Project Design and Description

Please describe in detail the methods or approach that will be used to achieve the project objectives.

ODFW Engineering will initiate the bid process. The winning bidder will be notified and contacted. The company will work with ODFW Engineering to design the site plan. Hatchery and research staff will prepare the site, which will likely entail tear down of the garage and expanding the already present cement pad. Once the shelter is selected and ordered, the shelter will be delivered and installed by the company from which it was purchased.

Engineering

Does the project involve capital improvement, engineering, site grading or other construction?

Yes

On ODFW land or managed by ODFW staff

Project Management and Maintenance

What is the life expectancy of R&E funded construction, structures, equipment, supplies, data or fishery?

With routine maintenance performed by ODFW personnel, the shelter will last beyond its cost benefit for replacing Toledo storage. The current garage is 45 years old and in the early stages

of decay, a metal storage shed is expected to last a similar length of time if not longer.

Who is responsible for long term management, maintenance, and oversight of the project beyond what is funded by R&E.

ODFW personnel will be responsible for long term management and maintenance which will be assessed annually or as needed. Initial bids secured have all included warranties of at least 10 years further guaranteeing our investment.

Will the project require ongoing maintenance?

Unknown

Is there a plan to collect baseline data and to conduct monitoring efforts to measure the effectiveness of the project?

Not necessary

Project Funding

Funding

Have you applied for OWEB funding for this project?

No

Has this proposal, or similar proposal for this project location, previously been denied by OWEB or other funding source?

[{"source": "ODFW staff time", "type": "In-Kind", "secured": "Secured", "dollarValue": 11892, "comments": ""}]

Other Funding Source	Type	Secured	Dollar Value	Comments
ODFW staff time	In-Kind	Secured	11,892	
		Total	11,892	

Budget

Item	Unit Number	Unit Cost	In-kind or non-cash contributions	Funding from other sources	R&E Funds	Total Costs
PROJECT MANAGEMENT						
ODFW Engineering			10,000			10,000
		SUBTOTAL	10,000			10,000
IN-HOUSE PERSONNEL						
Emma Garner, Crew Leader CCRMP	20	36	720			720
Clayton Morgan, Hatchery Technician	32	19	592			592
Hatchery Volunteer	24	24	580			580
		SUBTOTAL	1,892			1,892
CONTRACTED SERVICES						
Labor supplies, materials, plans, and permits					20,000	20,000
		SUBTOTAL			20,000	20,000
TRAVEL						
		SUBTOTAL				
SUPPLIES/MATERIALS						
		SUBTOTAL				
EDUCATION/OUTREACH						
		SUBTOTAL				
EQUIPMENT						
		SUBTOTAL				
FISCAL ADMINISTRATION						
		SUBTOTAL				
		BUDGET TOTAL	11,892	0	20,000	31,892

Internal Review Results

Review Score: 0.8 out of 3

(0 = Do Not Fund, 1 = Strengthen Proposal, 2 = Recommend, 3 = Strongly Recommend)

Summary of Review Team Comments

This project as proposed was not supported by the review team. There were too many unanswered questions and processes that have yet to be completed. New structures on hatchery grounds need to be coordinated through the local hatchery coordinator, propagation manager, and engineering staff. The team is not supportive of it as an independent request, especially considering the investments that will be made in the near future at Salmon River. It needs to be evaluated and submitted as part of the larger site redevelopment. Review team scores included three 0s, six 1s, and one 2.

Specific Review Team Comments

Salmon River will receive deferred maintenance funds from the \$10M capital funds. Additional storage needs will be considered in that effort. This effort is not supported as an independent request.

The application should include a better description of the structure and some drawings or more detailed information. The work order says pole building, but the application references a metal "shelter". It is difficult to understand what is planned based on the available information.

There is limited discussion on the costs and benefits of each option or significant justification for the selected option. For example, is RE being asked to fund \$20,000 to store a couple thousand dollars of equipment, or are other options more affordable. Discussion on the value of stored items would have been useful.

The signature page needs to be approved at a higher management level.

The current garage looks structurally sound and just in need of some refurbishment (new siding, paint and someone responsible for maintaining the structure). There could be some modifications to the building to facilitate more storage. Could use a better description of the safety issues and why the existing building is beyond repair. In the pics it looks pretty rough but more description is needed to evaluate whether replacement is appropriate over repair.

Will the request be sufficient to cover the actual costs. The application indicates that some bids have been received already. These should be included with the application.

Very minimal justification or connection to value to the angler

Specific Review Team Questions

The application states "with routine maintenance", but the existing building has obviously not been routinely maintained. Who specifically will ensure this new structure is maintained better than the existing structure? Just stating "ODFW personnel" is very vague. Please explain who will perform and fund future maintenance, and how frequently.

Could you expand on Salmon River Hatchery's significance in setting national and international management decisions for salmon? How does this proposal connect to that importance.

There is no evaluation included on the alternatives, including repair, replacement, other storage

options. \$20,000 is a lot of money to spend on a storage shed. The pictures of the current garage being used are not convincing that it is a safety hazard as claimed. Has an engineering review of the current structure been done? Can upgrades to current structure be done with minimal cost?

Will the new building be built on the site of the old one? If so, is demolition of the old building being considered in the project cost?

Project Map



Additional Files

Budget Information

Maps

[Project Map](#)

Map image of project location

Photos

[Salmon River Garage](#)

Current garage storage: Side

[Salmon River Garage](#)

Current garage storage: Inside

[Salmon River Garage](#)

Current garage storage: Outside

[Salmon River Garage](#)

Current garage storage: Outside area

Design Information

[Engineering Work Order](#)

Management Plans and Supporting Documents

Permits and Reviews

Partnerships

Public Comment

[Letter of Approval](#)

Letter of support and approval from Salmon River Hatchery staff

Administrative Documents

[Racial and Ethic Impact Statement](#)

[Signature Authorization Page](#)

Completion Report

A completion report has not been submitted for this project.