R & E Grant Application 25-27 Biennium

Project #: 25-020

SWWD Fisheries Boat Repower

Project Information

Requested Cycle:	25-2
R&E Project Request:	$13,123
Other Funding:	$1,320
Total Project:	$14,443
Spending Start Date:	7/1/2025
Spending End Date:	6/30/2027
Project Start Date:	7/1/2025
Project End Date:	6/30/2027
Organization:	ODFW - Corvallis

Applicant Information

Name:	Brian Johnson
Address:	7118 NE Vandenberg Ave. Corvallis, OR 97330
Telephone:	1-541-757-5302
Email:	brian.s.johnson@ODFW.Oregon.Gov

Past Recommended or Completed Projects

This applicant has no previous projects that match criteria.

Location Information

Where is it?

The project will not occur on any property

Project Summary

Project Summary

Please provide a couple sentence summary of the proposal.

The purpose of this proposal is to replace our 31-year-old outboard motor that is currently on our work boat. The current motor has become unreliable and inefficient to the point that is affecting our ability to do our jobs. A new outboard would also be better for the environment.

Overall Project Goals

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

Number one goal is to increase the reliability of our boat, so we are able to better do our job of managing the many fisheries we have in our district. Next goal would be to have an outboard jet that is cleaner burning and adheres to current emissions standards.

Primary objectives of R&E funding

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

R&E Funds would be used to purchase and install the new outboard jet on our boat we are currently using.

Current Situation/Justification

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

Currently we have a work boat and motor that was purchased new in 1994. It has been a wonderful boat and has served us well for the last 31 years. Recently the outboard motor has developed some issues and has broken down during projects and left the crew with no other option then to abandon the project for the day and row back to the boat ramp without power. In some cases, such as on a moving river this unreliability also quickly becomes a safety hazard in dynamic river currents. In addition to the reliability and safety concerns we also have the environmental issue of us running a 30 plus year old 2 stroke engine in the water when newer 4 stroke outboards are so much more efficient and cleaner burning. Our current motor doesn't conform to current emission standards even though these standards were set clear back in 2006. Though not required, most of our customers operating boats have switched to cleaner burning 4 stroke engines. I feel this creates a bad look situation for our agency as we are now the ones dirtying up the waterways that we are trying to manage.

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.

A new outboard jet boat motor would be a huge benefit for our watershed district. Our job is to manage the many fisheries within the South Willamette Watershed District. Within this district we have recreational fisheries that exist in river, lake, reservoir, and stream environments. A new reliable outboard jet engine would increase our access to all these environments allowing us to do our jobs better and more efficiently. Whether that job is population surveys on the always popular Detroit Lake, responding to a fish kill below Green Peter Dam, or gathering catch data from Sturgeon anglers on the Willamette River above the falls we will now have a better more efficient tool to do our job of managing our fisheries.

Percent benefit split between Commercial and Recreational anglers:

10 % Commercial
90 % Recreational

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

Although the purchase of a new outboard will have direct benefits to recreational fisheries within our district it will also have some indirect benefits to commercial fisheries as well. The North and South Santiam Rivers are both in our district and they both have ODFW facilities that raise Spring Chinook for commercial and recreational purposes. These facilities combined raise roughly 2.5 million Spring Chinook smolts and 4 million additional eggs that are shipped to other facilities. Infact 750,000 of the smolts are raised for Clatsop County Fisheries Net Pens which are intended to produce fish for commercial fisherman and all of the 4 million eggs shipped out are sent to facilities that are raising fish for Clatsop County Fisheries. Increasing our ability to manage these rivers will ensure that these programs can continue.

This project has been identified as an ODFW priority for:

Local/watershed

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

Yes

Funding this new motor will directly improve our operational efficiency and our ability to monitor the fisheries in our district.

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

We as a district identified this as a priority when our current motor became more of a liability than an asset. Its condition is directly affecting our ability to do our jobs.

Identify any plan or other document that identifies this priority.

This aligns perfectly with ODFW's Strategic Plan Goal 4 to improve our operational efficiency.

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

Yes

Our district STEP Biologist uses this boat while performing the duties of their job.

This project is intended to benefit the following species:

Fall Chinook Salmon
Largemouth Bass
Smallmouth Bass
Yellow Perch
Spring Chinook Salmon
Coho Salmon

Lamprey
Winter Steelhead
Summer Steelhead
Cutthroat Trout
Rainbow Trout
White Sturgeon

This project will benefit anglers or fishery by providing:
Monitoring/Research

Monitoring/Research

This project will be used to evaluate:
Population composition (i.e age, species, survival, size, or genetics)
Fishery contribution
Distribution (i.e. presence, abscence, abundance)

Has this project been reviewed or developed by an individual with appropriate qualifications (i.e ODFW biometrician, research professor)?
No

Is this study critical to fishery management decisions?
No
No

Is there a plan to repeat this monitoring or research in the future?
No

Will the data be reported or published?
No

Project Description

Schedule

Activity	Date	RE Funding
		No

Permits

Permit	Secured?	Date Expected
	No	

Project Design and Description

Please describe in detail the methods or approach that will be used to achieve the project objectives.
Simply put, if approved we will be purchasing a new 80 hp outboard jet from Koffler boats in Eugene, OR. Motor and installation will cost 14,443 dollars of which we are requesting 13,123 in R and E funds. All work will be done at Koffler boats. The department has a long history of working with this company and they have always done great work and been a pleasure to work with. They not only have built many boats for the department they also build our screw traps for smolt outmigration monitoring.

Engineering

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

No

Project Management and Maintenance

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

It would be safe to assume that life expectancy of this new motor would be consistent with the 30 plus years we have used the old one.

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

Maintenance is minimal but all required maintenance will be performed by the district.

Will the project require ongoing maintenance?

No

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?

No

Other Funding Source	Type	Secured	Dollar Value	Comments
Community Fisheries Budget	Cash	Secured	1,320	We will be able to cover the employee time spent as well as the cost of the controls, steering cables, and gauges with our Community Fisheries Budget.
		Total	1,320	

Budget

Item	Unit Number	Unit Cost	In-kind or non-cash contributions	Funding from other sources	R&E Funds	Total Costs
PROJECT MANAGEMENT						
		SUBTOTAL				
IN-HOUSE PERSONNEL						
ODFW Employee Time	12	35		420		420
		SUBTOTAL		420		420
CONTRACTED SERVICES						
Installation Labor	4	210			840	840
		SUBTOTAL			840	840
TRAVEL						
		SUBTOTAL				
SUPPLIES/MATERIALS						
		SUBTOTAL				
EDUCATION/OUTREACH						
		SUBTOTAL				
EQUIPMENT						
Control Box	1	350		350		350
Cabels	1	200		200		200
Smart Craft Guage	1	350		350		350
Outboard Motor	1	12,283			12,283	12,283
		SUBTOTAL		900	12,283	13,183
FISCAL ADMINISTRATION						
		SUBTOTAL				
		BUDGET TOTAL	0	1,320	13,123	14,443

Internal Review Results

Review Score: 3.8 out of 5

(1 = Do Not Fund, 2 = Strengthen Proposal, 3 = Recommend with Conditions, 4 = Recommend, 5 = Strongly Recommend)

Specific Review Team Comments

A new motor would increase reliability of the watercraft, it would be safer for the team using the boat, and would replace the aging 2 stroke with a more environmentally friendly 4 stroke motor.

Specific Review Team Questions

Have you explored the option of a mini-grant through the STEP program to help offset the costs of the new motor?

I did look into them but with the 2000 dollar limit on them I would still have to apply for the majority of the funds through R&E. Also the STEP biologist in our office stated he is applying for one and I didn't want to submit a application that competed against his.

Have you looked into purchasing a motor from State or Federal surplus?

I looked into the state surplus but wasn't able to find the motor that we would need. Since we do work on the Willamette and Santiam rivers the need for the motor to be a jet is important. Needing the jet outboard makes it tougher to find suitable used options.

Additional Files

Budget Information
- Outboard Motor Quote

Maps

Photos

Design Information

Management Plans and Supporting Documents

Permits and Reviews

Partnerships

Public Comment

Administrative Documents
- Signature Page

Completion Report

A completion report has not been submitted for this project.