



R & E Grant Application 23-25 Biennium

Project #: 23-011

Cycle 23-1 Hatchery Maintenance Bundle

Project Information

Requested Cycle: 23-1
R&E Project Request: \$1,850,000
Other Funding: \$35,000
Total Project: \$1,885,000
Spending Start Date: 7/1/2023
Spending End Date: 6/30/2025
Project Start Date: 7/1/2023
Project End Date: 6/30/2025
Organization: ODFW-Clackamas District office

Applicant Information

Name: Brent Hinners
Address: 17330 SE Evelyn St
Clackamas, OR 97015
Telephone: 971-673-6006
Email: brent.a.hinners@odfw.oregon.gov

Past Recommended or Completed Projects

This applicant has no previous projects that match criteria.

Authorized Agent

Name: Scott Patterson
Address: 4034 Fairview Industrial Drive SE
Salem, OR 97302
Telephone: 503-947-6218
Fax: 541-963-6670
Email: Scott.D.Patterson@odfw.oregon.gov

Authorized Agent

Name: Ryan Couture
Address: 2418 East Fall Creek Rd
Alsea, OR 97324
Telephone: 541-487-5510 x100
Fax: 541-487-5534

Email:

ryan.b.couture@state.or.us

Location Information

Where is it?

The project will occur Statewide
The project will occur on public land owned or managed by the applicant

Site Description

Street Address, nearest intersection, or other descriptive location.

Big Creek Hatchery - 92892 Ritter Rd, Astoria, OR 97103
Klamath Hatchery - 46161 Hwy 62, Chiloquin, OR 97624
Bandon Hatchery - 55212 Fish Hatchery Rd., Bandon OR 97411
Elk River Hatchery - 95163 Elk River Rd., Port Orford, OR 97465
Wizard Falls – P.O. Box 130/7500 Forest Service Road 14, Camp Sherman, OR 97730
Fall River Hatchery – 15055 S. Century Dr., Bend, OR 97707
La Grande – 107 20th St, La Grande, OR 97850

Directions to the site from the nearest highway junction.

Various

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

Full 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.

ODFW will provide access to anglers as long as the property is owned or managed by ODFW

Dominant Land Use Type:

Forest
Wetland

Project Location

General Project Location.

County: Clatsop, Klamath, Coos, Curry, Jefferson, Deschutes, Union
Town/City: Knappa, Chiloquin, Bandon, Port Orford, Camp Sherman, Bend, La Grande
ODFW Dist: N. Coast, Klamath, Coos-Coquille, S. Coast, Deschutes^3
Stream/Lake/Estuary Name: Big Creek, Crooked Creek, Coquille, Elk River, Metolius River, Fall River
Tributary of: Columbia River, Klamath River, Pacific Ocean^2, Deschutes River^2

Specific Project Location.

| Latitude | Longitude |
|----------|------------|
| 46.14611 | -123.58083 |
| 42.65111 | -121.9475 |
| 43.11496 | -124.38413 |
| 42.73861 | -124.40361 |
| 44.52278 | -121.63278 |
| 43.79694 | -121.57417 |
| 45.31189 | -118.07515 |

Project Summary

Project Summary

Please provide a couple sentence summary of the proposal.

Project summaries will be added to the attachments

Overall Project Goals

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

Big Creek Hatchery Pipeline - Replace the main pipeline that provides conveyance water for the hatcheries rearing ponds and adult trap and holding area.

Klamath Hatchery - Acquire funding to match FEMA and Agency Insurance to rebuild the Hatchery building, office and shop following the 2020 fires that destroyed these structures.

Bandon Hatchery - Install a modular or prefab restroom that has running water and flush type toilets that would provide sanitary services for anglers, Tribal partners, STEP and other volunteers, school and other organized groups as well as the general public.

Elk River Hatchery - Construct two additional raceways that would provide additional rearing capacity for expanded programs and increase capacity to deal with temperature issues across the region.

Replace three F550 (or equivalent) trucks that are used for fish liberations. These trucks are located at Wizard Falls Hatchery (Truck #156), Fall River Hatchery (Truck #29), and the La Grande Office (Truck #149). These trucks are listed as alternate projects.

Primary objectives of R&E funding

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

Big Creek Pipeline - Utilize R&E funds to replace as much pipeline as possible. Construction would start at the lowest downstream portion of the pipe and work upstream until funds are exhausted.

Klamath Hatchery - Provide matching funds (minimum 10%) to rebuild the Klamath Falls Hatchery building/office/ shop. Current design is 95% complete and drawings have been submitted to DAS and DOJ for review.

Bandon Hatchery - Construct a restroom with flushing toilets and running water for use by many groups that visit the Hatchery. Construction could begin as early as, summer of 2023

Elk River Hatchery - Construct 2 ponds at Elk River Hatchery to increase capacity and program flexibility.

Liberation truck replacement - Purchase three liberation trucks if there are savings from realized projects listed above.

Current Situation/Justification

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

Big Creek - Engineering has advised that the current pipe is at the end of its life span and should be considered for complete replacement. The ~1900 foot pipe has experienced major

failures over time and several major repairs and patches have occurred.

Klamath - Hatch house/office/shop burned down in 2020 fires and needs replaced. Fish that are normally started at Klamath are currently being reared/ started at other locations which create production and transfer bottle necks.

Bandon - The visiting public, staff members and other user groups only have access to a portable toilet which has no running water

Elk River - There are currently 20 ponds and an adult holding area. Capacity restraints limit the flexibility and availability of rearing fish. A number of ODFW and STEP programs within the area suffer from a lack of water or adequate cool water temperatures and others have been impacted by wildfires.

Lib Truck - Trucks 156, 29 and 149 have exceeded their dependable life span and need replaced. Flatbeds, tanks and support systems will be reused to the extent possible.

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.

Big Creek - This project will secure the main water source / intake pipe to the hatchery and will contribute to producing Tule Fall Chinook, Spring Chinook, Chum Salmon, Coho Salmon and Winter Steelhead

Klamath - This project will provide a hatch house to incubate eggs and start fry prior to ponding while also providing office and shop facilities to support this program. Programs include the rearing of various species of Trout and include; rainbow, cutthroat, brooks and browns

Bandon - This project would improve access to anglers, volunteers, Tribal partners and other groups by improving sanitation, hygiene while also improving the overall experience by these groups while visiting or volunteering at an ODFW facility.

Elk River - By adding additional ponds, rearing capacity could be secured for additional programs or used to provide flexibility to current programs

Liberation trucks are vital to ODFW and anglers alike by ensuring timely and dependable fish stocking and transfers.

Percent benefit split between Commercial and Recreational anglers:

10 % Commercial
90 % Recreational

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

Salmon production is assumed a 50:50 split between recreation and commercial fishing. If salmon production equals 20% of the production, this would equal a 10% benefit to Commercial

anglers and a 90% benefit to recreational anglers.
It is assumed that 100% of Steelhead and trout will benefit recreational anglers.

This project has been identified as an ODFW priority for:

Local/watershed
Basin/regional
Statewide

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

No

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.

<https://www.dfw.state.or.us/fish/hgmp/final.asp>
<https://www.dfw.state.or.us/fish/hatchery/>
<https://myodfw.com/big-creek-hatchery-visitors-guide>
<https://www.dfw.state.or.us/fish/HGMP/docs/2023/Big%20Creek%20HPMP%202023.pdf>
<https://myodfw.com/klamath-hatchery-visitors-guide>
<https://www.dfw.state.or.us/fish/HGMP/docs/2023/Klamath%20HPMP%202023.pdf>
<https://myodfw.com/bandon-hatchery-visitors-guide>
<https://www.dfw.state.or.us/fish/hatchery/docs/HPMP/Bandon%20HPMP%202020.pdf>
<https://myodfw.com/elk-river-hatchery-visitors-guide>
<https://www.dfw.state.or.us/fish/HGMP/docs/2023/Elk%20River%20HPMP%202023.pdf>

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
Spring Chinook Salmon
Coho Salmon
Winter Steelhead
Cutthroat Trout
Rainbow Trout

This project will benefit anglers or fishery by providing:

Angler Access
Hatcheries/Propagation/Liberation

Angler Access

This project will:

Reduce barriers to fishing participation (i.e. ADA access, more parking, family friendly)

Choose the following that best describes the angling access provided by the project:

Restroom facility

Do similar access sites, facilities, or fisheries exist within 10 miles of the project site?
No

Hatcheries/Propagation/Liberation

Hatchery Name:

Big Creek Hatchery, Klamath Hatchery, Bandon Hatchery, Elk River Hatchery, Wizard Falls Hatchery, Fall River Hatchery

This is a:

State hatchery

As a result of this request hatchery production will:

Restore

This project will:

- Address a need identified on the ODFW Hatchery Maintenance Priority list
- Reduce the impacts of hatchery operations (i.e. reduce disease, stray rates or interbreeding)
- Restore, rehabilitate, modify, or replace existing production/acclimation facilities
- Restore, rehabilitate, modify, or replace existing liberation equipment
- Add new or upgrade production/acclimation facilities/capacity.
- Add new or upgrade liberation equipment
- Improve safety of hatchery operations
- Improve staff efficiency of hatchery operations
- Improve energy efficiency of hatchery operations
- Improve effectiveness of hatchery operations (i.e. improve survival or return to angler)

Fish produced at this facility are for:

- Sport harvest
- Commercial harvest
- Conservation

Project Description

Schedule

| Activity | Date | RE Funding |
|--|---------|------------|
| Big Creek - Replace pipeline, starting at the rearing ponds and replacing pipeline as far upstream that funding allows | 06/2025 | Yes |
| Klamath - Rebuild hatch house/ office/ shop | 06/2025 | Yes |
| Bandon - Install Bathroom at Hatchery | 06/2025 | Yes |
| Elk River - Construct two rearing ponds at Hatchery | 06/2025 | Yes |
| Liberation trucks - purchase and take possession of three liberation trucks | 06/2025 | Yes |

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.
Project designs and/or descriptions will be attached in project summaries

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?

Big Creek pipeline > 50 yrs

Klamath Hatch house > 50 yrs

Bandon Restroom > 50 yrs

Elk River ponds > 50 yrs

Liberation trucks > 15 yrs

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

ODFW Staff will make necessary repairs and maintenance

Will the project require ongoing maintenance?

Yes

ODFW properties and equipment will be maintained by ODFW staff to ensure longevity

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

No

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 |
|----------------------|---------|---------|--------------|--|
| Big Creek | In-Kind | Pending | 25000 | Removal of trees near pipeline |
| Big Creek | In-Kind | Pending | 5000 | Hatchery Staff and project oversight |
| Klamath | In-Kind | Pending | 1500000 | Asking R&E for minimum of 10% match to FEMA and Agency Insurance |
| Bandon | In-Kind | Pending | 5000 | Hatchery Staff and project oversight |
| Elk River | In-Kind | Pending | 5000 | Hatchery Staff and project oversight |
| | | Total | 1540000 | |

Budget

| Item | Unit Number | Unit Cost | In-kind or non-cash contributions | Funding from other sources | R&E Funds | Total Costs |
|--|-------------|--------------|-----------------------------------|----------------------------|-----------|-------------|
| PROJECT MANAGEMENT | | | | | | |
| | | | 0 | 0 | 0 | 0 |
| | | SUBTOTAL | 0 | 0 | 0 | 0 |
| IN-HOUSE PERSONNEL | | | | | | |
| Hatchery Staff and project oversight - Big Creek | 0 | 0.00 | 5000 | 0 | 0 | 5000 |
| Hatchery Staff and project oversight - Elk River | 0 | 0.00 | 5000 | 0 | 0 | 5000 |
| | | SUBTOTAL | 10000 | 0 | 0 | 10000 |
| CONTRACTED SERVICES | | | | | | |
| Tree removal from pipeline- Big Creek | 0 | 0.00 | 25000 | 0 | 0 | 25000 |
| Pipeline replacment - Big Creek | 0 | 0.00 | 0 | 0 | 1000000 | 1000000 |
| Construction of two rearing ponds - Elk River | 0 | 0.00 | 0 | 0 | 850000 | 850000 |
| | | SUBTOTAL | 25000 | 0 | 1850000 | 1875000 |
| TRAVEL | | | | | | |
| | | | 0 | 0 | 0 | 0 |
| | | SUBTOTAL | 0 | 0 | 0 | 0 |
| SUPPLIES/MATERIALS | | | | | | |
| | | | 0 | 0 | 0 | 0 |
| | | SUBTOTAL | 0 | 0 | 0 | 0 |
| EDUCATION/OUTREACH | | | | | | |
| | | | 0 | 0 | 0 | 0 |
| | | SUBTOTAL | 0 | 0 | 0 | 0 |
| EQUIPMENT | | | | | | |
| | | | 0 | 0 | 0 | 0 |
| | | SUBTOTAL | 0 | 0 | 0 | 0 |
| FISCAL ADMINISTRATION | | | | | | |
| | | | 0 | 0 | 0 | 0 |
| | | SUBTOTAL | 0 | 0 | 0 | 0 |
| | | BUDGET TOTAL | 35000 | 0 | 1850000 | 1885000 |

Internal Review Results

Review Score: 2.1 out of 3

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

Specific Review Team Comments

Remove the lib trucks from this ask and leave it for future cycles as money allows

Would it make sense to pull the trucks from this one given the costs. The trucks didn't seem like need-to-haves for the moment

Specific Review Team Questions

These are needed projects and likely a good use of R&E funds but the price tag is incredibly high. If these projects are funded during this R&E cycle, will there be more high dollar projects requested in the near future or would this satisfy the hatchery program for a while?

Our initial request has been reduced. I have removed the fund requests for the Bandon bathroom, the Klamath Hatch House, and the 3 liberation trucks. I have left the request for the full funding of \$1,000,000 for the Big Creek Pipeline and I have reduced the funding request of the ponds at Elk River hatchery to \$850,000 for a new total of \$1,850,000. I have left the narrative and documents in this request for the other projects as alternate projects if the Big Creek and Elk River projects come in lower than anticipated we can move forward with the following priorities; 1. Bandon Bathroom, 2.Klamath Hatch House, 3. Liberation trucks

Additional Files

Budget Information

[Liberation Truck quote](#)

Liberation Truck Quote

Maps

Photos

Design Information

Management Plans and Supporting Documents

[Bandon Restroom Summary](#)

Bandon Restroom Summary

[Big Creek Hatchery Summary](#)

Big Creek Hatchery Summary and photos

[Elk River Hatchery Summary](#)

Elk River Hatchery Summary

[Klamath Falls Summary](#)

Klamath Falls Summary

[Liberation Truck Summary](#)

Liberation Truck Summary and Photos

Permits and Reviews

Partnerships

Public Comment

Administrative Documents

[SP_BH - Signature Page](#)

Signature Page

Completion Report

A completion report has not been submitted for this project.