



R & E Grant Application 09-11 Biennium

Project #:
09-238

Bandon Hatchery Repair and Maintenance Bundle

Project Information

R&E Project Request: \$38,010.00
Match Funding: \$6,910.00
Total Project: \$44,920.00
Start Date: 12/10/2010
End Date: 5/31/2011
Project Email: james.a.robinson@state.or.us
Project Biennium: 09-11 Biennium
Organization: ODFW - Bandon Hatchery

Applicant Information

Name: James Robinson
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Bandon, OR 97411
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Past Recommended or Completed Projects

This applicant has no previous projects that match criteria.

Project Summary

This project is NOT part of ODFW's 25 Year Angling Plan.

Activity Type: Hatchery Maintenance - ODFW

Summary: This request will fund the purchase of tools and supplies for Bandon Hatchery. These supplies are essential to the operation of the hatchery. Many of the buildings and structures at the hatchery are in dire need of repair. Staff cannot undertake these repairs without necessary tools and supplies. Some of these repairs are required safety repairs. If the structures and equipment at the hatchery are not in good repair, such as aeration pumps, this can and will affect rearing and incubation and the general well-being of the fish at the hatchery.

Objectives: The project objective is to maintain the level of fish rearing integrity so that fish loss is minimal and also to maintain the general appearance of the hatchery and the outbuildings. Other repairs are needed for required safety upgrades.

Fishery Benefits: A good portion of the production at Bandon Hatchery is Coos stock fall

chinook salmon. Specifically, ODFW rears 565,000 presmolts to 75 fish per pound. Additionally, over 2,000,000 eggs of the same species/stock are incubated, which supplies 100% of the eyed eggs for this vast program, with destinations throughout the Coos Watershed. The hatchery also spawns and incubate 317,000 Coquille fall chinook eyed eggs for various smolt, presmolt and hatchbox programs. Coho eggs are also incubated at Bandon, with 45,000 Coquille stock destined for hatchboxes, and 55,000 Coos eggs, also for hatchboxes. All these programs can and do contribute to commercial fishing opportunities in Oregon.

Coos and Coquille fall Chinook are some of the most important stocks that contribute to Oregon ocean fisheries. Preliminary coded-wire-tag recoveries demonstrated that Coos and Coquille Chinook have as high as 60 to 70 % of their ocean contribution to Oregon ocean fishers. This makes Coos and Coquille Chinook stocks some of the most important Oregon originating stocks to our fisheries. Up to 95% of the documented ocean harvest of Coos and Coquille fall Chinook contribute to commercial fishers. This has been a contribution to the commercial fishery in Oregon in excess of 1000 a season.

Watershed Benefits: not applicable.

Current Situation: Bandon Hatchery staff have always taken pride in saving the state money by building and repairing things that others might purchase from a vendor, or hire a contractor to do. This has always been a good strategy, and with years of having a cushion in S&S, we were able to get lots of things done. All of this came to an end a few years back. With very limited S&S funding the last few biennium, our supplies for building and repairing hatchery equipment have dwindled significantly. When tools wear out, or break, they haven't been replaced. Items requested would be applied to all programs described above.

Alternatives: The alternative is to not fund any of the requested items.

Designer: Bandon Hatchery staff

Methods: Purchasing will be done in accordance with ODFW Procurement rules.

Inspector: ODFW Bandon Hatchery staff

Funding Elements: These funds will be used to purchase the equipment and supplies listed in the budget section.

Partners: No

Existing Plan: No

Affected Contacted: Yes

Affected Supportive: Yes

Affected Comments: The hatchery supplies eggs to the Coquille and Coos STEP programs.

Project Schedule/Participants/Funding

Activity	Date	Participants
Address safety related issues	12/1/2010	Hatchery staff
replace equipment and tools that are broken and missing	12/1/2010	Hatchery staff
Purchase a Dissolved oxygen meter, rain gear, waders, other supplies	1/1/2011	Hatchery staff
Procure contractor to remove dangerous trees	1/1/2011	hatchery staff
undertake repairs to structures, such as doors, etc.	2/1/2011	Hatchery staff
purchase pressure washer, 2 inch pump, and other pumps and associated supplies	2/1/2011	Hatchery staff
purchase remaining supplies and turn in completion report	3/1/2011	Hatchery staff

Affected Species:
Chinook Salmon
Coho Salmon

Rainbow Trout
Steelhead

Project Permits

This project has no permits.

Project Monitoring

This project has no monitoring.

Project Maintenance

This project has no maintenance plans.

Project Match Funding

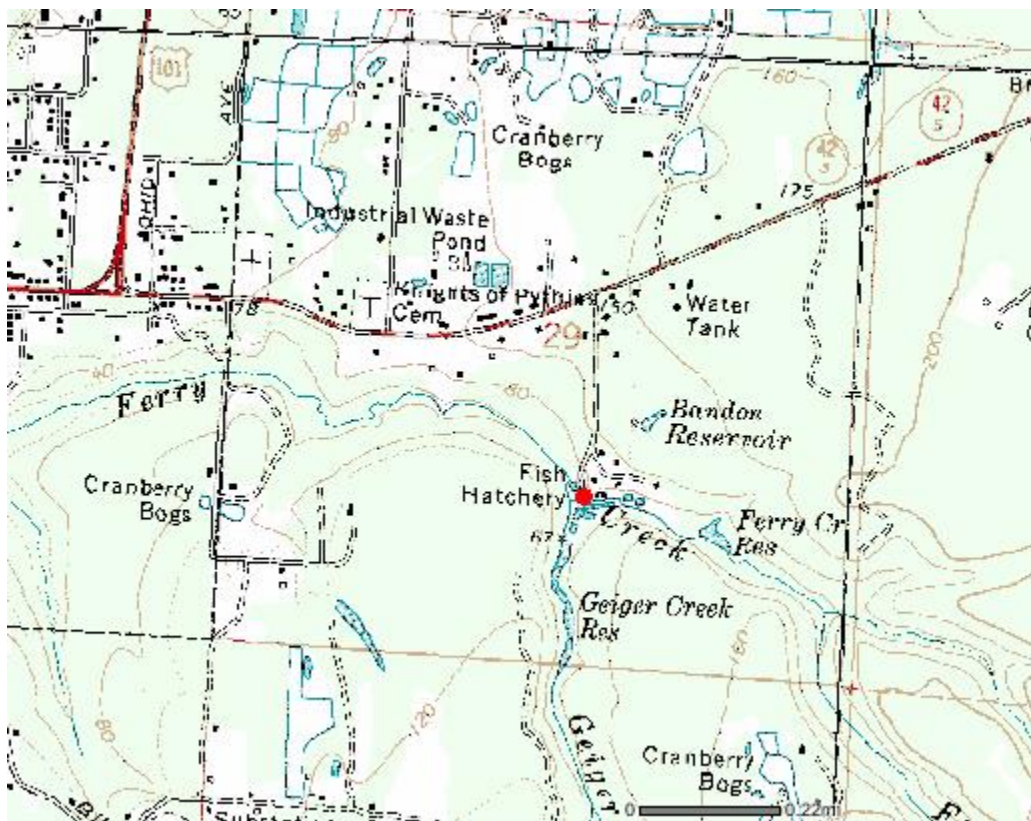
Funding Source	Cash	In-Kind	Other	Description	Total	Secured?	Conditions?	Comments
R&E Request	\$38,010.00	\$0.00	\$0.00	in kind money	\$38,010.00	No	No	
ODFW	\$0.00	\$6,910.00	\$0.00	ODFW in kind and trade in value on old tractor	\$6,910.00	Yes	No	
				Total Match Funding:	\$44,920.00			

Project Budget

Item	Item Type	Units	Unit Cost	R&E Funds	Match Funds	Total
chiller holding tank fabrication	Contracted Services	1	\$700.00	\$700.00	\$0.00	\$700.00
electrical work for ground- fault outlets	Contracted Services	1	\$300.00	\$300.00	\$0.00	\$300.00
outside light installation	Contracted Services	1	\$350.00	\$350.00	\$0.00	\$350.00
tree removal	Contracted Services	10	\$150.00	\$1,500.00	\$0.00	\$1,500.00
2 inch pump	Equipment	1	\$500.00	\$500.00	\$0.00	\$500.00
20 3 inch ball valves plus shipping	Equipment	20	\$180.00	\$3,600.00	\$0.00	\$3,600.00
3 inch fire hose	Equipment	1	\$100.00	\$100.00	\$0.00	\$100.00
air compressor for egg picker	Equipment	1	\$150.00	\$150.00	\$0.00	\$150.00
audible alarm system	Equipment	1	\$150.00	\$150.00	\$0.00	\$150.00
bench sander	Equipment	1	\$375.00	\$375.00	\$0.00	\$375.00
bird netting	Equipment	1	\$200.00	\$200.00	\$0.00	\$200.00
cordless drill driver	Equipment	1	\$175.00	\$175.00	\$0.00	\$175.00
dip nets for adult fish	Equipment	2	\$150.00	\$300.00	\$0.00	\$300.00
DO meter	Equipment	1	\$800.00	\$800.00	\$0.00	\$800.00
drill bit set	Equipment	1	\$100.00	\$100.00	\$0.00	\$100.00
fresh flow pump for portable tank	Equipment	1	\$400.00	\$400.00	\$0.00	\$400.00
front end loader/ backhoe	Equipment	1	\$23,000.00	\$23,000.00	\$0.00	\$23,000.00
GMRS Radios	Equipment	1	\$50.00	\$50.00	\$0.00	\$50.00
hand saws	Equipment	2	\$30.00	\$60.00	\$0.00	\$60.00
pressure washer	Equipment	1	\$700.00	\$700.00	\$0.00	\$700.00
random orbital sander	Equipment	1	\$75.00	\$75.00	\$0.00	\$75.00
replacement dip net bags	Equipment	10	\$20.00	\$200.00	\$0.00	\$200.00
trade in value on old loader	Equipment	1	\$500.00	\$0.00	\$500.00	\$500.00
wheel for egg picker	Equipment	1	\$250.00	\$250.00	\$0.00	\$250.00
ODFW salary- Hatchery Manager	Personnel	20	\$40.00	\$0.00	\$800.00	\$800.00
ODFW staff- senior hatchery technician salary	Personnel	85	\$30.00	\$0.00	\$2,550.00	\$2,550.00
ODFW staff- Tech 1 salary	Personnel	120	\$25.50	\$0.00	\$3,060.00	\$3,060.00
2 doors	Supplies/Materials /Services	2	\$200.00	\$400.00	\$0.00	\$400.00
braided rope	Supplies/Materials /Services	1	\$150.00	\$150.00	\$0.00	\$150.00
extension ladder	Supplies/Materials /Services	1	\$200.00	\$200.00	\$0.00	\$200.00
grinding and wire wheels	Supplies/Materials /Services	4	\$25.00	\$100.00	\$0.00	\$100.00
miscellaneous aluminum for random repairs	Supplies/Materials /Services	1	\$400.00	\$400.00	\$0.00	\$400.00
miscellaneous lumber for random repairs	Supplies/Materials /Services	1	\$450.00	\$450.00	\$0.00	\$450.00
miscellaneous plywood, 10 sheets	Supplies/Materials /Services	10	\$20.00	\$200.00	\$0.00	\$200.00
miscellaneous pressure treated lumber	Supplies/Materials /Services	1	\$250.00	\$250.00	\$0.00	\$250.00

miscellaneous steel	Supplies/Materials /Services	1	\$200.00	\$200.00	\$0.00	\$200.00
nuts, bolts, screws, nails, etc.	Supplies/Materials /Services	1	\$250.00	\$250.00	\$0.00	\$250.00
office window	Supplies/Materials /Services	1	\$150.00	\$150.00	\$0.00	\$150.00
paintbrushes	Supplies/Materials /Services	10	\$7.50	\$75.00	\$0.00	\$75.00
railing and cable hardware supplies	Supplies/Materials /Services	1	\$400.00	\$400.00	\$0.00	\$400.00
raingear and waders for 3 people	Supplies/Materials /Services	3	\$200.00	\$600.00	\$0.00	\$600.00
welding supplies (rods, helmet, tips, etc.)	Supplies/Materials /Services	1	\$150.00	\$150.00	\$0.00	\$150.00
					Total Budget:	\$44,920.00

Project Map



Additional Files

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