

Request for Bids for Woodward Creek Riparian Road Realignment and Fish Passage Culvert



Requested by:



390 N. Central Blvd
Coquille, OR 97423

Published January 22, 2024

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Bidders shall submit their proposal pursuant to the provisions of this solicitation as a single PDF document via email to:

rmotley@coquillewatershed.org

Subject line: Woodward Creek Riparian Road Realignment Bid

SOLICITATION CLOSING

March 29, 2024 at 4:00 PM

(LATE BIDS WILL NOT BE ACCEPTED)

Bidders are solely responsible for ensuring that the Coquille Watershed Association (CoqWA) receives the proposal. Bidders shall familiarize themselves with this entire Bid Document.

MANDATORY PRE-PROPOSAL SITE VISIT

February 14, 2024 at 9 AM at CoqWA office:

390 N Central Blvd, Coquille, OR 97423

Please RSVP to the site visit no later than 4 PM on February 13, 2024.

All questions and comments about this solicitation shall be directed IN WRITING to Ryan Motley, CoqWA Restoration Project Manager

Email to: rmotley@coquillewatershed.org

INVITATION TO BID

Notice is hereby given pursuant to this Request for Bids (“RFB”) that sealed bids (a “Bid”) are requested for the Woodward Creek Riparian Road Realignment and Fish Passage Culvert Project (“Project”). Funds are provided by Oregon Watershed Enhancement Board and Bureau of Land Management to help restore water quality, habitat complexity, and fish passage within the Woodward Creek Basin.

Work is expected to start July 2024 through September 14, 2024, at the end of the In-Water Work Period (IWWP). Extensions to the IWWP are not guaranteed. The contract documents (including special provisions and specifications) are available online at www.coquillewatershed.org/contracting or requested via email: rmotley@coquillewatershed.org. Those receiving this RFB who wish to submit a Bid (in each case, a “Bidder”) shall furnish labor, materials and equipment necessary for completion of work in accordance with the specifications provided herein.

Deadline, no later than **4:00 p.m., March 29, 2024**. Bids received after this date and time will not be considered. Bid shall be emailed to Ryan Motley, Restoration Project Manager at: rmotley@coquillewatershed.org.

Included in this Request for Bids (RFB) is:

Exhibit A: Bid Prospectus that includes project background, scope of work, requirements for Bidders, and proposal instructions (required bid forms and the bid review rubric are included as separate documents)

Exhibit B: Restoration maps

Exhibit C: Project photos

Exhibit D: Project Specifications & Engineering Designs

Exhibit A: BID PROSPECTUS

LOCATION: Woodward Creek is located near Fairview, Oregon. See project maps in Exhibit C for specific locations.

MANDATORY SITE TOUR: February 14, 2024 at 9:00 AM. RSVP by February 13, 2024. Tour will start at the Coquille Watershed Association office at 390 N. Central Blvd, Coquille OR.

BID DEADLINE: March 29, 2024 at 4:00pm

ESTIMATED START DATE: July 1, 2024

PROJECT COMPLETE: September 15, 2024

PROJECT BACKGROUND

Woodward Creek is a major tributary to the North Fork Coquille River and has important spawning and rearing habitat for coho salmon, Chinook salmon, cutthroat and Pacific lamprey. The project area, near Fairview in Coos County, OR, is designated as critical habitat for the ESA listed Oregon Coast coho salmon and it is a BLM Priority Watershed. The Woodward Creek Basin is suffering from the legacy of historic land use. The limiting factors currently facing Woodward Creek are a lack of stream complexity and long-term instream large woody debris, heavy sediment loading, limited riparian quality, and down-cut channels.

To address these issues, CoqWA along with BLM, Mason Bruce & Girard, and New Growth Olympus LLC are seeking to contract work to realign the riparian road away from Woodward Creek, redirect an unnamed tributary, and replacing the existing culvert at the tributary with a new streambed simulation culvert to enhance fish passage and promote natural stream processes. To further improve fish habitat and increase stream complexity, two large woody debris structures. One will be at the confluence of the unnamed tributary and Woodward Creek and the other will be placed at the outfall of the existing culvert. Engineering designs for all project aspects were completed by River Design Group -see Exhibit D.

SCOPE OF WORK

Objective 1 – Realign the riparian road away from an active bend in Woodward Creek to allow natural channel migration processes. The riparian road will be realigned to provide additional distance between the road and the active channel of Woodward Creek. The horizontal alignment generally follows and existing and crosses the tributary ~70 ft upstream of the current crossing location. The vertical profile follows the topography of the existing skid road while meeting the curve length requirements based on the grade change. A cross-drain is proposed for the low point in the sag curve to convey flow from the hillside drainage. To accommodate heavy duty vehicles and machinery commonly used for logging, the minimum roadway width is 20 ft throughout the alignment with 50 ft tapers into and out of the widened section. **See Exhibit D – Engineering Designs for more details.**

Objective 2 – Remove the fish passage barrier on an unnamed tributary to Woodward Creek and replace it with a nominal 8 ft diameter streambed simulation culvert, improving hydraulic function of the tributary and restoring access to approximately ½ mile of spawning and rearing habitat.

- **Culvert Width:** Culvert was designed using BLM ARBO II Design criteria. The selected 8 ft round culvert will provide total clear width of ~8ft with a bankfull channel width of ~4.5 ft. The culvert will be embedded with ~3.5 ft of streambed sediment. The selected culvert size provides adequate conveyance capacity for the 100-year peak discharge.
- **Culvert Alignment:** The alignment for the tributary and the fish passage crossing will follow a current flow path that enters Woodward Creek at an existing 18 inch cross drain. The alignment allows for a fish passable gradient of 0.06ft/ft. The culvert length is ~47 ft
- **Culvert Slope:** The existing slope is 0.09ft/ft with at least two head cuts between the riparian road and existing culvert crossing. Realigning the tributary to enter Woodward Creek downstream allows for a ~0.06 ft/ft gradient which is within the limits of fish passage gradients. The design gradient will incorporate a series of boulder step-pool and large woody material to provide resting areas and hydraulic diversity in the realigned channel.
- **Streambed Design:** Adequately sized stream substrate is necessary for stream channel vertical stability for all flow conditions. The stream bed matrix is round river rock material with median particle size of 10 in for the stream. The channel bed will contain bank/channel margin and key features Boulders are to be partially buried in the bed and act permanent channel forming features to divert flow away from culvert walls, provide hydraulic diversity, and provide fish resting spots. Additional features such as rock ribs, a tributary step-pool boulders will be utilized to aid in the stability of the streambed and create proper conditions for fish passage.

Please refer to Exhibit D – Engineering Designs for more details.

Objective 3 – Install two large wood structures in the mainstem of Woodward Creek and 16 small wood structures in the unnamed tributary

The large wood structures in Woodward Creek will form and sustain pools and provide cover and low velocity areas for juvenile fish.

- **Mainstem Structure A** – located at the confluence of the realigned tributary and Woodward Creek. This structure is comprised of three logs engaged in Woodward Creek, ranging from 15-21 dbh and a minimum length of 20 ft. Two of these logs will have root wads.
- **Mainstem Structure B** – located at the location of the existing culvert. This log structure is anticipated to direct high-energy flows away from the bank. This structure is comprised of 17 logs, ranging from 15-21 dbh and a minimum length of 20 ft. Twelve of these logs will have root wads.
- **Tributary Structure: Build 15 single log structures (Type L)** - Six of these structure will be placed upstream of the new fish passage culvert. These single log structures will not need any root wads attached. These logs must be 9-15” dbh and 15 ft in length.
- **Tributary Structure: Build one 3 log structure (Type M)** – **This** structure will be located on the outlet side of the new fish passage culvert. One of these logs must contain a root wad. All logs will range from 9-15” dbh and be 15 ft in length.

Contractor may utilize trees removed during the construction of the new road for log placements.

Additional trees will be donated by a nearby BLM source. **Please see Exhibit D – Engineering Designs for more details.**

BUILD AMERICA, BUY AMERICA ACT

On November 15, 2021 President Biden signed into law the Infrastructure Investment and Jobs Act (“IIJA”), Pub. L. No. 117-58, which included the Build America, Buy America Act. The Act states that “none of the funds made available for a Federal financial assistance program for infrastructure, including each deficient program, may be obligated for a project unless all of the iron, steel, manufactured products, and construction materials used in the project are produced in the United States”.

EQUIPMENT CHOICE, STAGING and CLEANING

Heavy equipment will be commensurate with the project and operated in a manner that minimizes adverse effects to the environment and cultural resources (e.g., minimally-sized, low pressure tires, minimal hard turn paths for tracked vehicles).

- A.** All equipment used for work will be cleaned for petroleum accumulations, dirt, plant material (to prevent the spread of noxious weeds), and leaks repaired prior to entering the project area. Such equipment includes large machinery, stationary power equipment (e.g., generators, canes), and gas powered equipment with tanks larger than five gallons.
- B.** Store and fuel equipment on existing gravel roads after daily use.
- C.** Inspect daily for fluid leaks before leaving the vehicle staging area for operation.
- D.** Thoroughly clean equipment before operation below ordinary high water or within 50 feet of any natural water body or areas that drain directly to streams or wetlands and as often as necessary during operation to remain grease free.

SITE ACCESS

Minimize the number of temporary access roads and travel paths to lessen soil disturbance and compaction and impacts to vegetation. Access sites must be de-compacted, seeded, and mulched before departure.

FIRE RESTRICTIONS

The Contractor shall know and adhere to all fire rules and restrictions that apply to the project area, during implementation of the project. Contractor shall provide adequate tools and equipment to meet fire restriction requirements. Contractor shall be in default of contract should project be delayed for lack of required fire equipment preventing work that could have otherwise been completed.

SPILL PLAN

The Contractor shall have and be ready to deploy a spill kit in response to any leaks/spills of petroleum products or other contaminants. A spill plan will be provided, but spill kits must be provided by the Contractor. If equipment is found to be leaking during project work, all activity shall immediately cease until mechanical issues are addressed.

INADVERTENT DISCOVERY PLAN

An Inadvertent Discovery Plan (IDP) will be provided for directions in case of uncovering cultural resources during ground disturbing activities. Prior to commencing work, a meeting with the Project Manager must occur to overview the IDP protocols.

EXAMINATION OF SITE, BID DOCUMENTS, PERMITS, ETC.

Before submitting a Bid, each Bidder shall be responsible for: (i) becoming fully acquainted with the site and the conditions relating to the work, in order to understand fully the facilities, difficulties, and restrictions attending the execution of the Work; (ii) carefully examining each component of the Bid Documents and any other available supporting data, in order to become thoroughly familiar with all of the

requirements; and (iii) obtaining for itself, at its own cost and expense, copies of all agency and association guidelines and standards cited in the proposed Contract and necessary to perform the Work. No failure or omission of any Bidder to receive or examine any such information or to visit the Site and become acquainted with the conditions existing at the Site shall in any way relieve such Bidder from obligations with respect to its Bid, any Contract entered into with such Bidder, or the Work, and the submission of a Bid shall be taken as *prima facie* evidence of compliance by the submitting Bidder with the requirements of this paragraph.

SELECTION AND EVALUATION CRITERIA

Bids will be evaluated by a Selection Committee that, after a review of written proposals, may choose to also conduct a personal interview. Selection Committee may include CoqWA Director, CoqWA Project Manager, BLM Fish Biologist, and private landowner(s). Bid evaluation will be based on the ability of the Bidder to meet the specifications for the tasks described in this RFB in a timely fashion. Selection will also be based on the ability of the Bidder to work in a cooperative manner with CoqWA staff and project partners on the Project. CoqWA will generally not disclose the status of any award until the appropriate authority at CoqWA has approved the award of a Contract. Normally, the awarding of a Contract or Bid rejection will occur within 10 calendar days after Bid opening. If the selected Bidder and CoqWA agree, this deadline may be extended, but CoqWA reserves the right: (i) to award multiple Contracts for parts of the Work; (ii) to consider such criteria as it may deem appropriate with respect to the Project; (iii) to reject any or all Bids; and/or (iv) not to proceed with the Work and/or the Project (or any part thereof); all in the exercise of its sole and absolute discretion. CoqWA will provide a written notice of its intent to award a Contract to the successful Bidder(s) (in each case, a "Notice of Intent to Award Contract"), and any submittals required to be submitted to CoqWA within a certain number of days after award is made will count from the day that the Notice of Intent to Award Contract is given. The actual award shall, however, be dependent on full execution of the Contract(s) and submission by the successful Bidder(s) of all other required documents.

EVIDENCE OF RESPONSIBILITY

Upon the request of CoqWA, a Bidder whose Bid is under consideration for the award of a Contract shall submit promptly to CoqWA satisfactory evidence showing the Bidder's financial resources, construction experience, and organization available for the performance of the Work.

RIGHT TO AWARD OR REJECT

This RFB does not obligate CoqWA to award a contract, CoqWA reserves the right to reject any and all bids and to further amend or refine a proposal and negotiate a contract with one of the proposers. CoqWA reserves the right to offer a contract to other than the lowest cost bidder based on other evaluation criteria.

CONTRACT REQUIREMENTS

It is the desire of CoqWA to enter into a contract that includes all of the services necessary to achieve the goal of the project, whether or not those services are specifically outlined or described in this RFB. This project includes federal funds, therefore the selected firm must be able to comply with any specific federal provisions and regulations that may apply to such a federally funded contract and may be required to sign certain assurances related to applicable federal or state laws.

WAIVER OF INFORMALITIES

CoqWA reserves the right to waive minor informalities contained in Bids, when in the Association's sole judgment; it is in the best interest of CoqWA to do so. CoqWA reserves the right to waive minor informalities in the Bids received. CoqWA may also reject any Bid not in compliance with all prescribed

requirements, including the requirement to demonstrate the Bidder's responsibility and may reject for good cause any or all Bids upon a finding by CoqWA that it is in the public interest to do so, in accordance with OAR 137-049-0440.

BID ERRORS AND WITHDRAW

A Bidder may withdraw its Bid at any time prior to the date and time that Bids are due, by means of written notice which is given to CoqWA before the date and time that Bids are due, at the address for submission of Bids which is given above. A Bidder may also modify and/or resubmit its Bid at any time prior to the date and time that Bids are due.

BIDDERS INTERESTED IN MORE THAN ONE BID

No person, firm, or corporation shall be allowed to make, file, or be interested in more than one Bid for the Work. However, a person, firm, or corporation which has submitted a sub-proposal to a Bidder, or which has quoted prices of materials to a Bidder, is not thereby disqualified from submitting a sub-proposal or quoting prices to other Bidders or making its own Bid.

COSTS INCURRED

CoqWA accepts no liability for any costs incurred by respondents in the preparation or presentation of Bids.

INQUIRES

Questions concerning this Request for Bids should be directed in writing to:

Restoration Project Manager – Ryan Motley, Email: rmotley@coquillewatershed.org

Each Bidder shall promptly notify CoqWA of any discovered conflicts, ambiguities, or discrepancies in or between, or omissions from, the Bid Documents. Bidders should note that questions received less than two calendar days prior to the deadline of the Bids may not be answered. Any interpretation or correction of the Bid Documents will be made only by Addendum, and a copy of such Addendum will be sent directly to each Bidder. No oral interpretations of any provision in the Bid Documents will be made to any Bidder.

MILESTONES

Mandatory pre-bid site visit:	February 14, 2024
All questions related to the bid are due through email or phone by:	March 1, 2024
Document with answers to questions sent to bidders by:	March 8, 2024
Bid due date:	March 29, 2024
Anticipated opening of Bids:	February 19, 2024
Award Contract by:	April 1, 2024
Successful Bidder(s) to provide contract/all paperwork to CoqWA:	April 8, 2024
Site visit with selected Contractor and technical advisory team:	May 2024

Estimated Start date:	July 1, 2024
Completion date:	September 15, 2024

PROPOSAL INSTRUCTIONS: Bids must be received on or before 4:00pm, March 29, 2024: Bids shall be emailed to **Ryan Motley** at rmotley@coquillewatershed.org.

Proposals shall include, at a minimum, the following items:

- A. **Bid Form (included as a separate document).**
- B. **Please provide a work plan to accomplish the Project goals and objectives as described in the RFB. The work plan shall include the following sections:**
 - a. **A Summary of Work to Accomplish Objectives**
 - b. **Timeline**
 - c. **Equipment**
 - d. **Personnel to be assigned (where possible, individual staff members and titles should be provided), and costs, taking into account the proposed timeline for completion of the Work indicated in the RFB.**
 - e. **Insurance Certificate**
 - f. **Other Information**
- C. **A signed statement that you can and shall provide the Insurance requirement as listed.**

Bids must not contain any erasures, interlineations, or other corrections unless each such correction is suitably authenticated by affixing in the margin immediately opposite the correction the surname or surnames of the person or persons signing the Bid, in the named person's own handwriting. In order for a Bid to be considered responsive, it must contain all of the documents and information which are required by this RFB, with signatures as indicated, and it must: (i) cover the complete scope of work as defined in the RFB; (ii) not include any exclusions or qualifications and (iii) include additive, alternate, unit and lump sum costs as listed on the bid forms. Bid prices must (where applicable) be free on board at the site, with all transportation and handling charges paid by the Bidder.

