



1107 S Columbus Ave
Goldendale, WA 98620

November 15, 2023

Consulting Firm:

The Eastern Klickitat Conservation District (EKCD) will be accepting RFP/RFQ's for the Pine Creek Fish Passage Design Project. This project is scheduled to begin as soon as a contract can be finalized with data collection beginning immediately. Proposals/Qualifications will be accepted until 4:30 P.M. (PST) on December 15, 2023.

This entire RFP/RFQ is available online at EKCD's website (www.EKCD.org). **Any addenda related to this RFP/RFQ will be posted on EKCD's website.** It is advised that potential respondents check back with the website for any addenda that may be posted.

Please submit responses to the following address:

Eastern Klickitat Conservation District
Attn: Loren Meagher
1107 S Columbus Avenue
Goldendale, WA 98620

Thank you for your interest in this project.

Loren Meagher, PE
Executive Director
Eastern Klickitat Conservation District

Eastern Klickitat Conservation District

1107 S. Columbus Avenue
Goldendale, WA 98620
(509) 773-5823 ext. 111
www.EKCD.org

Request for Proposals/Qualifications

Proposals due December 15, 2023

Project Title

Pine Creek Fish Passage Conceptual Design

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Introduction

The Eastern Klickitat Conservation District (EKCD) is requesting a statement of qualifications and proposal to develop a conceptual design for fish passage at the confluence of Pine Creek and the Columbia River in Eastern Klickitat County. Pine Creek flows through barrier culverts under both Washington State Highway 14 and a BNSF railway at this location. This project requires:

- Review of past conceptual design solution
- Site investigation
- Alternatives analysis report
- Conceptual design of selected passage solution

Background Information

EKCD is seeking a preliminary design that addresses the fish passage barriers at the confluence of Pine Creek and the Columbia River. Upon award, EKCD will provide direction to the consulting firm.

The project site is located at HWY 14 milepost 140.8. Pine Creek supports Chinook, Coho, Steelhead, resident trout and other fish species. The transportation infrastructure is blocking fish passage to 4.5 miles of designated critical habitat with additional habitat available above river mile 4.5.

This project was tentatively addressed two decades ago with a conceptual design produced in 2007. The selected consultant shall review that report and previously selected design alternative but conduct independent site evaluation and develop passage design alternatives that meet current passage design standards and stakeholder values.

This project brings together several entities to support a design solution. EKCD will coordinate outreach and partner communication.

The project area consists of 1,000 feet of Pine Creek, including more than 10 acres of floodplain and riparian habitat and 1,000 feet of Columbia River shoreline. See attached map.



Fish passage barrier at the mouth of Pine Creek where it flows into the Columbia River.
(Latitude, Longitude: 45.7899, -120.085342)

Work Description

The conceptual design will address fish passage, Pine Creek floodplain connection, continued riparian function, sediment transport, and transportation corridor impacts during construction. Conceptual design requirements in the Washington State Recreation and Conservation Office's (RCO) manual 18 Appendix D will be met. The final deliverable shall include a basis of design report including:

- Introduction, goals and objectives
- Site characterization
- Alternatives analysis and selection
- Conceptual design drawings
- Design considerations
- Alternatives for managing impacts to the transportation corridors during construction
- Evaluations and analysis conducted and needed for further design

Following the alternatives analysis and a preferred alternative will be chosen and developed into a conceptual design.

Assessment Phase Goals

Develop and complete an assessment of the site to provide existing conditions data to inform alternative passage solutions and design of the preferred solution. Coordinate assessment process and site visits with EKCD.

Design Phase Goals

Develop and complete an alternative analysis of different fish passage restoration actions and transportation corridor solutions both during the construction phase and long term. Consultation with EKCD, DOT and BNSF will aid in developing fish passage solutions that are acceptable to all parties. Develop the chosen alternative into a conceptual design, including report, drawings, and cost estimate.

Scope of Work

This list of tasks represents a minimum level of effort and will be modified during contract negotiations with the Consultant to accommodate proposed field investigation, analysis, and design process. The contracted consultant will provide all staff, labor, and materials necessary to complete the following proposed scope of work.

Task 1. Site Investigation and Baseline Assessment

- 1.1 Kickoff meeting with EKCD and the Consultant shortly after contract award. Task includes preparation for meeting and one trip to Goldendale, WA with a site visit.
- 1.2 Gather and review existing data, including but not limited to historical site data (hydrology/hydraulics and geomorphology), aerial photography, LIDAR, available survey and topographic data, soil and geologic mapping.
- 1.3 Topographic survey and base map development.
- 1.4 Hydrologic Analysis.
- 1.5 Geomorphic Assessment
- 1.6 Transportation corridor impacts assessment

Task 2. Alternatives Analysis and Concept Design

- 2.1 Development of Fish Passage Alternatives.
- 2.2 Development of Fish Passage Alternatives drawings.
- 2.3 Development of Alternative Assessment Report. Meeting with EKCD and other stakeholders to present alternatives. Preferred alternative will be selected and developed into conceptual design. Task includes preparation for presentation and one trip to Goldendale.

Task 3. Conceptual Design

Description: Consultant will prepare basis of design report, conceptual design drawings and a construction cost estimate for the preferred alternative. Deliverables must meet RCO conceptual design requirements which can be referenced in RCO’s Manual 18: Salmon Recovery Grants, Appendix D.

- 3.1 Consultant will prepare basis of design report that includes an introduction, description of existing conditions, discussion of alternatives analysis and preferred alternative, design considerations, and a description of stakeholder consultation.
- 3.2 Consultant will prepare conceptual design drawings that at a minimum shall include an existing site plan, project site plan view drawings of proposed actions, project profile and cross-sections at important locations, and structure design details sufficient enough to support the next phase preliminary design.
- 3.3 Consultant will prepare construction quantities and preliminary construction cost estimate.

Deliverables

- Assessment Report thoroughly describing site conditions based on data review and field investigations.
- Alternative Analysis report.
- Basis of design report and conceptual design.
- Construction cost estimate.
- Electronic submission of all data gathered and work produced from this project/contract.

Project Schedule

Proposal Due.....	4:30 P.M. December 15, 2023
Contract Award.....	late December, 2023
Kickoff Meeting EKCD.....	January, 2024
Begin site investigation and data gathering.....	January 10, 2024
Assessment & Report Completed.....	April 8, 2024
Alternatives Analysis Completed	July 22, 2024
Conceptual Design Deliverables.....	November 1, 2024

A more specific timeline will be negotiated between EKCD and the selected Consultant during contract negotiation. Timeline is greatly influenced by the period of performance of the RCO grant procured for this project. **The project deliverables defined above are due no later than November 1, 2024 and any additional agreed upon work for this project must be completed by February 1, 2025.**

Proposal Requirements

Proposals are limited to a total maximum number of 10 double-sided pages (or 20 single-sided pages) on 8.5" x 11" paper. All text must be in a readable font with font size set to at least 10 point. If charts and/or graphs are included, said graphics shall be included in the page count.

Please address the following in your Proposal:

Project Team and Qualifications:

- A profile of the consulting firm(s), including legal status, year of organization, license number, UBI, and tax identifier for each firm that will contribute to the project.
- Names of the principals and key personnel and their relevant experience/qualifications and the service they would provide on this project.
- Experience working on fish passage projects pertaining to ESA-listed salmonid species in central and eastern Washington watersheds.
- Project team's experience with hydrogeological, geomorphic and hydraulic analysis and transportation engineering design specific to highways and railroads.
- Demonstration of firm's ability to work well with regulatory partners such as WDFW, DNR, USFWS, etc.
- Examples of past completed projects similar in scope.

Assessment and Design:

- Describe proposed hydraulic and geotechnical analysis methods, including how monitoring will be accomplished, type of equipment, spatial configuration, how equipment will be installed, timing, etc.
- Describe existing site conditions analyses that will be conducted.
- Describe any other field investigation methods that will be conducted.
- Describe your preliminary ideas regarding design concepts for this project.
- Provide a list of project tasks and a schedule that meets the above timeline, stating the availability of staff for the project.
- Ability to achieve all tasks identified within the established timeline.

Proposal Evaluation

EKCD will select the Consultant whose proposal is deemed most beneficial to the project. Proposals will be reviewed by EKCD and evaluated based on the quality of the proposal and qualifications of design team and proposed assessment and design process.

This is a call for professional services, and the contract award will be a quality-based selection. Negotiation of a fair and reasonable price for contract performance items will occur after selecting the contractor. If a fair and reasonable price cannot be agreed upon between selected contractor and EKCD, EKCD reserves the right to reject the proposal and choose another.

Proposal Submittal

All parts of the proposal shall be in a sealed envelope and show the name and address of the Consultant.

Three hard copies of the Proposal, limited to 10 double-sided pages (or 20 single-sided pages) per copy, signed by a principal authorized to enter into binding terms, **must arrive at the following address no later than 4:30 P.M. PST, December 15, 2023:**

Eastern Klickitat Conservation District
1107 S. Columbus Avenue
Goldendale, WA 98620
Phone: 509-773-5823, ext. 111

No questions regarding the proposal will be accepted after December 5, 2023.

Eastern Klickitat Conservation District's Rights and Obligations

EKCD assumes no obligations, responsibilities, or liabilities, fiscal or otherwise, to reimburse all or part of the costs incurred or alleged to have been incurred by parties considering a response to and/or responding to this RFP/RFQ. All of such costs shall be borne solely by each respondent and its team members. During the performance of this RFP/RFQ, contract negotiation, and project implementation, EKCD agrees to comply with all Federal and state nondiscrimination laws, regulations, and policies. EKCD retains the right to:

- Cancel, withdraw, postpone, or extend this RFP/RFQ in whole or in part at any time prior to the execution of a contract without incurring any obligations or liabilities;
- Issue a new RFP/RFQ;
- Reject any and all proposals received at any time, even after Consultant selection, if a fair and reasonable price cannot be negotiated;
- Modify dates projected in this RFP/RFQ;
- Correspond with respondents to seek clarification or improved understanding of their responses to the RFP/RFQ;
- Seek data that has the potential to improve understanding and evaluation of responses to the RFP/RFQ.

The award of this contract will be subject to the availability of funds and ability to negotiate a fair and reasonable price. All work produced from this contract will belong to EKCD for use in future phases of this project.

Suspension and Debarment

Respondents to this RFP/RFQ must not be presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency.

INQUIRIES

If you have questions or need further explanation on this RFP/RFQ or the project in general please contact:

Loren Meagher
Eastern Klickitat Conservation District
LorenM@centralcd.org