

Whatcom Conservation District RFP #19-01

Consulting Engineering Services for: Development of Fishtrap Creek Stream Corridor Analysis and Pilot Project Design within the City of Lynden, Whatcom County, WA.

Sealed Statements of Proposals (SOPs) are hereby solicited and will be received only at the Whatcom Conservation District office located at 6975 Hannegan Rd, Lynden WA 98264. SOPs will be received at any time between 8:00 AM and 4:30 PM Monday through Friday, but no later than 2:30 PM, Tuesday December 10, 2019 for the requirements specified herein.

Background

The Washington State Department of Commerce is providing funding for this project through a Direct Appropriation Grant sponsored by 42nd District Legislators. The project is a response to streambank erosion threatening infrastructure and a desire to better understand present and future stream conditions in the City of Lynden.

Purpose and Scope

The purpose of this project is to analyze past, present, and future conditions of the Fishtrap Creek corridor through the City of Lynden; complete a suite of recommendations to reduce threats to infrastructure and to enhance fish habitat; and to design and construct one or more pilot projects (see Figure 1, Study Area). The information produced will be used by the City of Lynden, city residents, and other stakeholders to increase understanding of current and future conditions and to identify solutions that have benefits both to habitat and existing infrastructure. It is anticipated that two community meetings will be convened, pre and post project, to solicit feedback and to inform residents and stakeholders. Approximately \$250,000.00 is available to complete the analysis, design, and construction of a pilot project.

Stream Corridor Analysis: Proposals should identify potential methods that will result in a better understanding of present and future conditions along Fishtrap Creek in the City of Lynden. The analysis should identify what is happening now, what is likely to happen in the future, and what actions should be taken. Potential approaches could include:

- Identification of current infrastructure that may inform or limit management options.
- Documentation of historic, current, and predicted hydrologic conditions that may affect natural processes and existing infrastructure.
- Identification of current and potential future threats and impacts to infrastructure (erosion, flooding etc).
- Identification of potential mitigating measures that could be considered to reduce future impacts and maintain natural stream functions.
- Incorporation of relevant existing information. Some past analysis can be found at <https://www.northlyndenwid.com/>.
- Collection of new habitat survey and fish use data where needed. Some level of survey work may be desirable to identify quantity and quality of habitat features.

- Characterization of salmonid habitat quantity and quality relative to documented or presumed historic conditions.
- Identification of limiting habitat conditions, including access, habitat availability and quality, water quality, and flow conditions.
- Development of a prioritized list of potential salmon habitat enhancement projects within the study area.

Project Design: Proposals should identify potential methods to identify and design one or more pilot projects to demonstrate a preferred technique to protect infrastructure while also improving salmon habitat. Potential approaches may include:

- Examples of potential BMPs that could be designed and implemented.
- Identification of potential cost effective solutions that could be designed for use in multiple locations.
- Design and permitting schedule to target implementation late summer 2020 including 05-05 cultural resource review.
- Availability to oversee project implementation in late summer 2020.

Evaluation and Selection

The selection of a consultant for this project will be made from the qualified consultants responding to this Request for Proposal (RFP). All firms responding will be evaluated, scored and ranked. Top ranked firms will be invited for an interview with Whatcom Conservation District to select the most qualified firm.

Consultants will be evaluated and ranked based on the following criteria:

- 1) Proposed project approach/methodology.
- 2) Qualifications/Experience of project team involving stream or watershed planning.
- 3) Qualifications/Experience of project team involving engineering design for stream/streambank situations.
- 5) SEPA applications and environmental permitting experience using state funding.
- 6) Proposed schedule.
- 5) References/past performance.

Submittal Requirements:

Submittals should include the following information: Firm name, phone number, applicable email addresses, name of Principal-in-charge, Project manager, sub-consultants and proposed employees for the project.

Proposals (4 copies) must be submitted no later than **later than 2:30 PM, Tuesday December 10, 2019.**

Send or deliver the proposal to:

Whatcom Conservation District
 Attn. Frank Corey
 6975 Hannegan Rd
 Lynden, Washington 98264

Late submittals will not be considered. Fax or email submittals will not be considered. It is the submitter's responsibility to deliver the document to the proper address by the assigned time. Whatcom Conservation District accepts no responsibility for misdirected

or lost documents. Whatcom Conservation District encourages disadvantaged, minority, and women-owned consultant firms to respond.

Questions: Questions regarding this project should be directed to Frank Corey at 360.526-2381 ext. 131 or fcory@whatcomcd.org.

Thank you for your interest in working with the Whatcom Conservation District

