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Nason Creek Floodplain – Roadway Reroute

Design and Feasibility Analysis

Request for Proposals

May 27, 2021

Yakama Nation Fisheries is seeking proposals from qualified engineering firms to award a design and engineering services contract in support of salmon habitat restoration activities taking place in Nason Creek in Chelan County, Washington. This specific RFP is for engineering/surveying support for a feasibility analysis of re-routing State Route 207 between MP 0.15 to MP 1.00. Based upon the proposals received under this solicitation the Confederated Tribes and Bands of the Yakama Nation will award a design contract to the best quality bidder for the Scope of Work described within this RFP. Services rendered under this contract will be performed from contract start date (to be determined) through December 31, 2021.

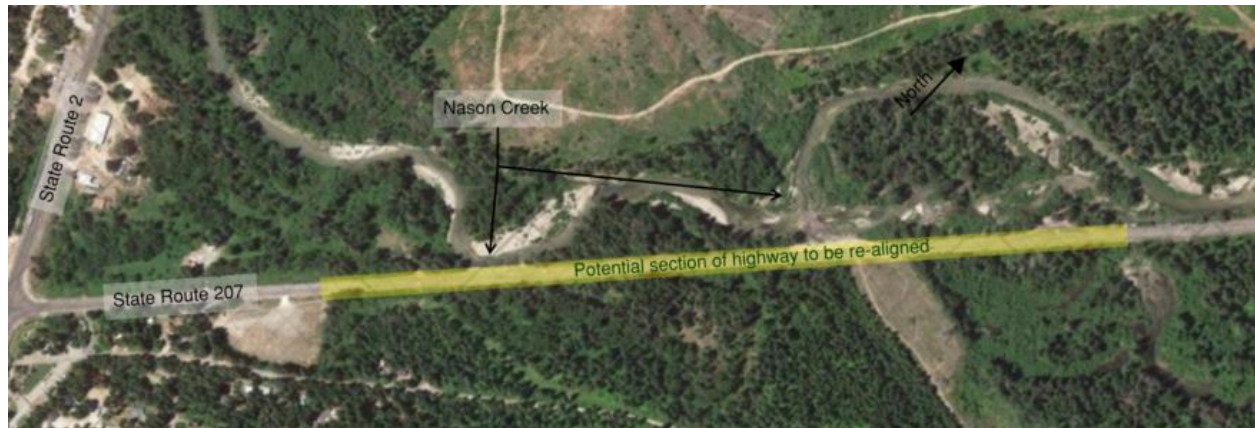
Project Background

The Yakama Nation Upper Columbia Habitat Restoration Project (UCHRP) has partnered with the Washington State Department of Transportation (WSDOT) for a project along Nason Creek between river mile 3.2 and 4.6, along State Route 207. In 2018 the UCHRP and WSDOT determined that Lower Nason Creek was a high priority area for restoration actions, and that developing salmon and steelhead habitat restoration projects could provide benefit to both endangered salmon species and the SR 207 roadway.

Engineered restoration concepts were subsequently developed in 2019 that showed a possibility for beneficial projects while retaining the existing SR 207 roadway within the Nason Creek floodplain (<https://yakamafish-nsn.gov/restore/projects/rfp-nason-creek-floodplain-roadway-reroute>). However, a new restoration concept has recently emerged that involves rerouting a portion of the SR 207 roadway out of the floodplain to better protect road infrastructure and improve aquatic habitat conditions.

At this time the UCHRP and WSDOT wish to further assess the feasibility and likely construction costs of a highway reroute alternative to determine which restoration alternatives to pursue for project development in the Nason Creek Floodplain Project Area. The UCHRP is looking to have the feasibility work associated with this RFP completed by September 2021 to accommodate key decision making timelines affecting potential project funding and agency willingness.

Project Location Map



Proposed Scope of Work

The project will include, at a minimum, the following tasks:

Roadway Realignment Alternatives

The consultant shall identify three new horizontal and vertical alignments for State Route 207 in the vicinity of MP 0.15 to MP 1.00., *see project location above*. Roadway alignment alternatives shall be developed to:

- minimize impacts to the Nason Creek floodplain and associated critical areas as identified by the Yakama Nation;
- identify the design requirements and constraints needed to advance the realignment of SR207, including coordination with WSDOT; and,
- Optimize the use of federal funding for design and construction of a selected alternative.

Engineering Analysis

The Feasibility Study and alternative alignments shall consider the following:

- Alignments (vertical and horizontal) that meet the current WSDOT M22-01 design standards
- Geotechnical, and topographic conditions (assume LIDAR for feasibility analysis)
- Stormwater/drainage requirements
- Property boundary surveys to minimize impacts to private properties adjacent to the proposed highway realignment
- Environmental permits and anticipated requirements
- Utilities
- Concept level costs

Agency Meetings

As part of the feasibility study, the selected consultant shall support the Yakama Nation by providing alignment data to help the following agencies to determine potential impacts of realigning the roadway:

- WSDOT
- United States Forest Service (USFS)
- Bonneville Power Administration
- Chelan County Natural Resources and Flood Zone Control District

The consultant may attend up to four (4) virtual meetings with Yakama Nation staff and other agencies.

Deliverables

The consultant shall provide to the Yakama Nation a feasibility and alternatives analysis study including up to three alternative alignments, planning level opinion of cost for each alignment, and all engineering data needed to re-create the alignments in future phases of work.

Anticipated Schedule

The Yakama Nation is seeking to have this work completed promptly upon issuance of a Notice to Proceed. All deliverables will be due to the Project Manager no later than September 1, 2021.

Bid Directions

Each company seeking to be eligible for a contract award under this Request for Proposals must submit one hardcopy of their proposal in writing to:

Yakama Nation Fisheries
Attn: Jackie Olney
RE: RFP-State Route 207
PO Box 151
Toppenish, WA 98948

Proposals must be received in Toppenish by Close of Business, **Tuesday June 15, 2021**. Due to the ongoing COVID-19 pandemic **only USPS mail delivery submittals will be accepted**. It is recommended that all shipping and/or delivery confirmation receipts are retained past the proposal due date to ensure proof of submission.

In addition to the required physical bid submittals, we are also requesting contractors to provide digital copies of their completed bid documents through email submittal directly to Chris Butler at butlerc@yakamafish-nsn.gov. We are encouraging digital copies to be emailed at the same time the physical bid package is mailed to the proper PO Box in Toppenish, WA. This will allow Yakama Nation Fisheries staff to know whether to expect that a hardcopy bid has been submitted, and will allow Yakama Nation Fisheries staff an opportunity to more quickly score and rank bids for the contract award process.

Please note that timely hardcopy bid submittals via the United States Postal Service are a requirement for a bid to be considered competitive. The additional digital email submittal is requested, but is not a performance requirement. Any digital submittal received with no associative hardcopy submittal to our PO Box by June 15, 2021 will be discarded as invalid.

Each proposal must include a roster of key personnel proposed to work under this contract, including resumes. The key personnel roster should include the Project Manager and the Professional Engineer. Provision of a separate roster of other non-key project personnel is also recommended. The proposal is limited to 10 pages, single sided, exclusive of resumes and cover letter. Please note that proposals dependent upon subcontracting will not be preferred.

Provision of a detailed cost proposal based upon the Scope of Work items and certified by signature as being valid for at least 180 days is required. A company fee schedule detailing all personnel billing rates is also required. Please also provide a schedule/timeline proposal for completing the described tasks by September 1, 2021.

Please review the attached Consultant Services Agreement template for typical Yakama Nation contracting terms and conditions including reporting/invoicing requirements.

Bid Scoring Categories and Weighting

The following categories will be used to evaluate the competitiveness of bids received.

- Demonstrated experience with this type of work –15%
- Demonstrated quality of work – 15%
- Cost – 15%
- Schedule – 10%
- Company integrity/references – 10%
- Demonstrated experience with permitting agencies in the Upper Columbia Region –10%
- Adequacy/quality of staff and equipment proposed –15%
- Completeness of Proposal (Based on RFP Submission Requirements) –10%

Limitations

The Yakama Nation reserves the right to accept or reject any and all of the proposals received as a result of this request, or to cancel in part or entirely this request if it is in the best interest of the Yakama Nation to do so. This request does not commit the Yakama Nation to pay any costs incurred in the preparation of a proposal.

The contractor shall furnish all supervision, labor, equipment and tools necessary to complete the work as outlined in the Scope of Work.

Project related questions should be directed to:

Chris Butler
UCHRP Habitat Biologist II
Phone: 509-449-8215
E-mail: Butlerc@yakamafish-nsn.gov