

Request for Bids
Yakama Nation – Toppenish Creek Levee Removal and Habitat Enhancement
Project
Fish Habitat Restoration near White Swan, Washington

The Yakama Nation's Yakima Reservation Watersheds Project (YRWP) is soliciting bids for a fish habitat restoration project in Toppenish Creek located in Township 10N Range 16E sections 24 and 25 near White Swan, Wa. This project involves; installation of logs and log jams, levee removal, material disposal and reuse, installation of fabric lifts, excavation, revegetation and floodplain grading per the design plans. Stabilization of access routes and staging areas post construction will be required by hydroseeding. The project has been designed by Interfluve, Inc. which is a civil engineering firm with extensive experience in design and installation of habitat structures in river systems.

The successful bidder will be required to comply with the Yakama Nation Tribal Employment Rights Ordinance (TERO) and payment of 3% of the contract amount to the TERO office is required.

Interested contractors must provide examples of past restoration work involving heavy equipment and work in sensitive areas including riparian floodplains. Operators and supervisor(s) for this project must have been involved in the example projects. Please provide responses to the following questions, and prices for bid tab items as requested in the attached table.

The bidder must provide, at a minimum the following equipment (or equivalent by different manufacturer) to install the project components and materials as shown on the plans:

- 300 Class Excavator (e.g., Caterpillar 330 or larger) with both bucket and thumb as well as an HMC Movax Sonic Side Grip vibratory pile driver model SP80 or equivalent to facilitate vibratory driving of the log piles
- 200 Class Excavator (e.g., Caterpillar 210 or larger) with both bucket and thumb as well as log grapple or equivalent means to easily align posts for driving and placing logs
- Dump truck(s) for moving levee rock and dirt material to designated disposal site

Interfluve, Inc. staff and YRWP Biologist(s) will provide field-direction to finalize locations and adjust construction to accommodate local site conditions. No changes to the Project Plan will be allowed without prior approval from the biologist in charge of the project or their representative.

Fill out Questionnaire and Bid Sheet (Exhibit B) and send along with the description of reference projects, a cover letter to:

Yakama Nation: Yakama Reservation Watersheds Project
C/O Carol Sue Martin
Attn: Josh Hall, Yakama Nation Fisheries
401 Fort Road Toppenish, WA 98948

If interested in an award for this contract you are encouraged to attend the only pre-bid site visit scheduled on Monday May 21, 2018. Interested bidders shall meet at the Fisheries Resource Management building at 4690 SR 22 in Toppenish, WA at 9:00 a.m. before departing to the project site.

The project will be implemented between July 1st and October 31, 2018

Please note:

- Davis Bacon Wages apply to this contract. The winning contractor will adhere to the Davis Bacon rules and comply and submit all necessary paperwork to the Yakama Nation.
- The Yakama Nation is exempt from state taxes on this project. Please see the attached Treaty Fishery Exempt Cover Letter and Treaty Fishery Exempt Certificate. The winning contractor will receive signed copies for their records
- Awarded contractor must provide an outhouse for workers.
- The contractor will comply with TERO requirements.

For questions regarding the site visit and all other questions, please contact the Owner's Designated Representative, Josh Hall or Shannon Adams, at 509-945-1259 or 509-945-0754.

Project Designs:

See attached Exhibit D

Questionnaire (use additional sheets as required)

Can you complete all work before October 31, 2018? _____.

Provide a schedule detailing start and finish of major activities to achieve project completion by October 31, 2018.

What other construction work will you have ongoing during this time and how will you ensure sufficient equipment and staff available to complete this project?

Please provide names and contact information of supervisor and equipment operators for this project:

On separate sheets, list a minimum of four stream or river habitat restoration projects with demands similar to this project. For each project, list references and phone numbers, provide a ½ page project description including project goal, key project metrics such as number of structures, number of logs and/or trees installed, project length, project construction cost and project duration. For each project also list the names of the equipment operators and supervisors, highlighting those personnel who will be involved with this project.

Describe experience with working in sensitive areas such as riparian floodplains:

List the equipment you propose to use to complete this project and the uses performed by each piece of equipment, including:

- placing logs, logs with rootwads, and log jams
- installing log piles (vertical logs)
- excavation and backfilling

In sensitive areas where log jams are to be installed, only a single trackhoe will be allowed to access the installation site and install the log jams to minimize damage to existing riparian areas. List the equipment to be used and the approach to be taken to minimize damage to riparian vegetation and soils.

BID ITEM DESCRIPTIONS

NOTE: Number of log jam structures and final locations of log jams, log posts and access routes are estimated based on expected conditions at time of construction and shall be finalized with Contractor prior to construction based on available funding and actual conditions at the time and shall accommodate such issues as presence of sensitive soils, avoidance of damage to vegetation, presence of significant surface water, elevation of the Toppenish Creek water surface and/or any limitations imposed by permit conditions. The prices for ESC/SPCC, LWM, and Log Piles shall be valid for any variations in the number and locations of the engineered structures shown on the project design plans. All prices shall apply to the price paid for a completed structure anywhere within the project area shown on the Plans.

Mobilization / Demobilization – Bid item price, lump sum, includes all work to mobilize equipment to the site and demobilize all equipment from the site following completion. Shall not exceed 10% of total final contract price.

Site access and temporary stream crossings- Bid item price, lump sum, includes all work to access project site with equipment and develop temporary stream crossings to keep equipment elevated above flowing water as needed for project construction.

Clearing and grubbing- Bid item price, lump sum, includes all work to facilitate acceptable access and exposure where project components will be installed. Whole trees and slash will be salvaged and reused in project structures.

ESC/SPCC- Erosion and Sediment Control and Spill Prevention Control Countermeasures. Bid price, lump sum, includes all erosion and sediment control measures to protect water quality in conformance with all permits, including but not limited to covering bare soils prior to rain with jute erosion control matting, dust abatement, installing sand bags or bulk bags around excavations for engineered log jams to keep flowing water from entering the excavation area and all materials (sand bags, silt fence, straw wattles, turbidity curtains etc) and labor to keep excavated materials from entering flowing water.

Water Diversion/Cofferdam and Dewatering- Bid item price, lump sum, includes all work to divert water around structures being built including sand bags, bulk bags and labor to keep water flowing outside of working area. Dewatering includes all work to dewater blocked off areas after fish salvage has been conducted and in accordance with conservation measures and design construction standards.

Excavation (including salvage topsoil) to finish grade- includes lump sum price for all work including floodplain grading, excavate and load existing levee material into dump trucks to be hauled to disposal site, and/or salvage for reuse in other areas of the project.

Haul and disposal at pit- includes lump sum price for all work to haul levee material to identified disposal pit location

Fill mainstem plugs- includes lump sum price for all work to place salvaged material in desired locations to “plug” existing flow paths.

Setback Levee- includes lump sum price for all work to construct a setback levee as identified in the project plans.

LWM Installed – Bid item lump sum price includes all work to construct the log jams and as shown on the Plans, including but not limited to site clearing and preparation, incorporation of slash, tree salvage, excavation of existing soils, structure layout, adjustment of structure design as directed by Interfluve engineering staff to accommodate site conditions, placement of log piles, rootwad logs, logs and incorporation of cleared materials, compaction, backfill, pinning, rope lashing and restoration of the site.

Piles Installed-- Bid item lump sum price includes all work to construct the pile fields as shown on the Plans, including but not limited to site clearing and preparation, excavation of existing soils, structure layout, adjustment of structure design as directed by Interfluve engineering staff to accommodate site conditions, placement of log piles, rootwad logs, logs and incorporation of cleared materials, compaction, backfill, pinning, and restoration of the site.

FES fabric lifts- includes lump sum price for all work to construct fabric lifts in accordance with construction standards on design plans at desired locations within the project site.

Concrete diversion demolition- bid item price, lump sum, includes all work to demolish, remove and dispose of existing concrete diversion and all materials associated with the diversion

Riprap salvage and reuse- includes lump sum price for all work to salvage and reuse riprap in accordance with project design plans and construction standards

Mulch, hydroseed and revegetate - includes lump sum price for all work to revegetate and hydroseed areas identified on project plans and stabilize staging and access routes (at a rate of 40 lbs/acre) utilized during construction of the project with erosion control grass seed in accordance with construction standards and project design plans.