



SISKIYOU RESOURCE CONSERVATION DISTRICT

P.O. Box 268, Etna, CA 96027

PHONE (530) 467-3975 FAX (530) 467-5617

Email: sisqrcd@sisqtel.net

Website: www.siskiyougcd.com

April 29, 2021

Request for Bids

Fort Goff Fish Passage and Diversion Improvement Project

To Prospective Bidders:

The Siskiyou Resource Conservation District (RCD) is soliciting bids for construction services associated with implementation of the *Fort Goff Fish Passage and Diversion Improvement Project*. Included in this Request for Bids is the Bid Package, Construction Plans, and Sitework and Technical Specifications. The bid process will be conducted as follows:

A mandatory Pre-Bid Inspection Tour will be held on **Monday May 17, 2021, at 10:00 A.M.** Bidders will meet the Project Coordinator (Preston Harris of RCD) and the Project Engineer (Joey Howard of Cascade Stream Solutions) in the parking lot of the Seiad Valley Store before heading out to the site. Prospective bidders must have a partner or current employee sign-in and attend the Pre-Bid Inspection Tour to be eligible to submit a bid. Friends or common acquaintances cannot represent the prospective bidder. For tracking purposes, the person attending the Pre-Bid Inspection Tour must sign in under the same entity name as will be submitting a Bid Return Sheet. Any discrepancy may remove you from the bid process. We will supply those who attend the Pre-Bid Inspection Tour with additional information relative to the project and answer questions.

The Bid Return Sheet and Cost Itemization Table (last two pages of the Bid Package) are due to the Siskiyou RCD by Wednesday June 9, 2021, by 3:00 P.M. Acceptable methods for bid submittal:

- Leave in drop box at Siskiyou RCD Office at 450 Main Street Etna, CA
- Mail to Siskiyou RCD at P.O. Box 268 Etna, CA 96027
- Email to Siskiyou RCD at sisqrcd@sisqtel.net

The name on the Bid Return Sheet must correlate to an entity who was represented at the Pre-Bid Inspection Tour.

Selection of the successful bidder is planned to occur at the regularly scheduled Board Meeting the evening of **Thursday June 10, 2021**. The RCD Board of Directors will likely select the qualified bidder who can demonstrate he/she is capable of completing the project on time and has the lowest feasible bid. The Board of Directors can reject any or all proposals received. Those who submitted a bid will receive notice of the award decision by **Friday June 11, 2021**. The successful bidder will have until **Friday June 18, 2021** to respond with acceptance or denial and then until **Friday June 25, 2021** to sign a Contract with the RCD. The RCD reserves the right to withdraw the award if a Contract is not executed by **June 25, 2021**.

Thank you for your interest in assisting the RCD with improving fish passage on Goff Creek. If you have any questions regarding this Request for Bids, please feel free to contact the RCD at sisqrcd@sisqtel.net.

Regards,

Michael Wilson
District Manager



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Bid Package

Fort Goff Fish Passage and Diversion Improvement Project

Funding for the *Fort Goff Fish Passage and Diversion Improvement Project* is being provided by the United States Fish and Wildlife Service and the United States Bureau of Reclamation. The bidder selected for implementation of the Goff Creek Fish Passage and Diversion Improvement Project will be a sub-contractor to the Siskiyou Resource Conservation District (RCD).

SCOPE: The scope of this Request for Bids is to complete all work related to the attached Construction Plans and Sitework and Technical Specifications for implementation of surface water diversion infrastructure on Fort Goff Creek upstream of the State Highway 96 bridge near Seiad Valley. During construction, the Project Coordinator (Preston Harris of RCD) and/or Project Engineer (Joey Howard of Cascade Stream Solutions) will review work to ensure technical specifications are met and environmental compliance measures are followed.

BACKGROUND: The National Marine Fisheries Service (NMFS) and United States Forest Service (USFS) have identified Fort Goff Creek as supporting anadromous runs of three salmonid species including coho salmon, a state and federally threatened species. In 2014, a culvert on State Highway 96 was replaced with a bridge to allow for year-round fish access to Fort Goff Creek. However, it was later determined that a surface water diversion on Fort Goff Creek, at river mile 0.7, was impeding fish passage and limiting the remediation efforts associated with the road crossing replacement. This surface water diversion is located on USFS property and is understood to have existed and been in continual use prior to 1914. Without improved water diversion methods and fish protection measures, the act of diverting water may have an adverse impact on salmonid species in the creek.

DESCRIPTION: This Request for Bids applies to a site on Fort Goff Creek, located 0.7 miles upstream of its confluence with the Klamath River. The site is located at a surface water diversion on USFS property, known as Middle Ditch. A multi-year planning process has resulted in Construction Plans produced by Cascade Stream Solutions that has been accepted by the landowners and water users. The plan includes modifying the point of diversion to accommodate a lower elevation intake structure with a connection pipeline to an existing earthen ditch system, as well as the installation of a permanent fish-screen, bypass system, and flow measurement station. All project components require heavy equipment for installation. More detail on each component is included under Contractor Tasks below. Work will be directed by the Project Coordinator (Preston Harris of RCD) and the Project Engineer (Joey Howard of Cascade Stream Solutions) and is required to comply with all state and federal environmental compliance documents. Completion of the project will result in immediate benefits to all life stages of salmonid species, as it will protect habitat in the vicinity of the diversion and allow for volitional access to rearing and spawning grounds on Fort Goff Creek beyond river mile 0.7.

It is the responsibility of the Contractor to respect property owner requests. Note the following:

Equipment/Vehicle Access: Contractor will be responsible for transferring equipment and materials to and from the job site. The access points to the construction area and designated staging areas will be identified during the Pre-Bid Inspection Tour. The landowner is not responsible for damage that may

occur to vehicles as a result of access to project site on existing dirt roads. The Contractor and landowner recognize that increased traffic on dirt roads and across fields during construction may result in their eventual wear and tear. Contractor will be responsible for completing necessary grading of roads and fields to return them to pre-project condition.

Access to the project site requires passage through private land and construction activities cannot prohibit, harm, disturb, or interfere with ongoing landowner activities. The Project Coordinator will notify the landowner 48 hours prior to the mobilization of equipment.

CONTRACTOR TASKS: Construction tasks include, but are not limited to, the following:

Water Diversion Channel: Using heavy equipment and a non-explosive expansive demolition agent, a water diversion channel will be established through approximately 40 to 60 feet of bedrock that is currently deflecting flow away from the point of diversion. The constructed channel will be set to an elevation that allows flow to access the conveyance system through the base flow period. During construction, streamflow will be diverted around the work area to ensure that heavy equipment does not impact water quality. The Contractor will coordinate with the Project Coordinator and California Department of Fish and Wildlife (CDFW) personnel regarding the stream diversion procedure. CDFW will haze fish out of the work area to enable the Contractor to establish a cofferdam prior to excavating the water diversion channel. The Contractor will be responsible for the material sourcing for the cofferdam which can consist of on-site bedload, washed spawning gravel, or imported sandbags. Approximately 3 to 5 cubic yards of rock material will be removed during the excavation of the diversion channel, and all spoils material will be transported to an off-site location identified by the landowner (Hoover family). No new roads or travel surfaces will be developed for equipment access to the site, as the diversion system runs along an existing road. Temporary access routes will be established to access the existing conveyance system.

Intake Structure and Conveyance System Installation: Contractor will install a water intake system on the river-right bank. The intake setup will consist of a fabricated steel slide gate structure mounted to bedrock and set at an elevation that allows for unimpeded, preferential flow. The intake structure will have a spillway to send surplus flow and sediment back to the main channel. A 12-inch, steel fitting will connect the intake structure to a smooth-walled, 12-inch conveyance pipe. The pipes will be fitted with couplers. The conveyance pipe will run for approximately 165 feet on the surface through an existing irrigation ditch. This pipe will give way to the earthen ditch system, which will run approximately 80 additional feet to the fish-screen. Approximately 8 cubic yards of soil may be excavated and reused for installation fill. The conveyance pipe will be mounted to bedrock or other large rock features in a manner agreed upon by the Contractor and Engineer. The intake pipe will angle away from the main channel to protect it from high-water events and debris racking. Finally, there will be a slide-gate on the down-ditch end of the pipe. Installation of the intake and pipeline will take place in the preexisting diversion system and will not result in a permanent, net increase in land disturbance. The intake structure, steel conveyance pipes, and couplers will be staged onsite for installation by the Contractor.

Installation of Fish Screen and Bypass Return System: Contractor will install a fish screen and bypass return system approximately 250 feet down-ditch from the intake system. The fish screen site and bypass route were reviewed by NMFS and CDFW personnel and were selected based off the following criteria:

- Shortest, most secure distance from the point of diversion to the fish screen
- Shortest, most secure distance from the fish screen back to the main channel
- Fish screen accessibility for maintenance by water-users
- Flow bypass will connect to a depression with existing hyporheic flow (subsurface inputs)
- Sufficient work area with minimal construction footprint and minor ground disturbances (trenching, traversing, and backfilling)

- Minimal to no disturbance to mature trees and minor impact to other existing vegetation

The fish screen involves installing a junction box leading to the bypass pipe. This outlet will be set perpendicular to the conveyance system and contain a slide gate to control bypass function. A 12-inch, PVC pipe will be fitted to the junction and extend approximately 55 feet to an existing channel-shaped depression that leads to the stream. The bypass pipe will be buried in the ground and placed at the designed elevation and slope to ensure proper function. Fish screen installation will result in a disturbance area of approximately 80 square feet. An estimated 4 cubic yards of soil may be excavated and reused for fill as needed for installation. No new roads or travel surfaces will be developed for equipment to access the site, as the diversion system runs along an existing private road. Contractor may create minor and temporary access points from the road for fish screen and bypass pipe installation.

The fish screen will be staged onsite. Contractor is responsible for supplying the PVC pipe for the bypass.

Flow Measurement Station Installation: Contractor will install a Senate Bill 88 (SB-88) compliant measuring station directly down-ditch of the fish screen. The measuring station consists of a prefabricated concrete measuring box, notch weir plate, staff gage, pressure transducer, and recorder that will be staged onsite. The Contractor is responsible for sourcing the prefabricated concrete box. The v-notch weir plate, staff gage, pressure transducer, and recorder will be provided and staged onsite. The Flow Measurement Station will be set at an elevation and slope to properly measure all ranges of diverted flow. The Contractor will install the flow measurement station in the preexisting conveyance system and will not create unnecessary disturbance to the landscape.

Riparian Impacts: Minor and temporary impacts on the surrounding riparian area are anticipated as a result of project implementation. Approximately 60 feet of temporary access routes will be established to access the existing conveyance system and fish screen site. Construction activities will temporarily disturb soil and riparian understory. Upon project completion, all construction related disturbed areas must be graded, shaped, and compacted/loosened as directed by the Project Coordinator.

Other Items: It is Contractor's responsibility to provide materials necessary to protect water quality and aquatic species. Further discussion of biological and water quality protection measures will be provided on the Pre-Bid Inspection Tour.

It is Contractor's responsibility to have sufficient absorbent materials on hand in case of accidental oil leaks or spills.

For additional information regarding construction activities and specifications, please refer to the following attachments:

Construction Plans
Sitework and Technical Specifications

MATERIALS: Contractor will procure all materials (including: water quality protection measures, PVC bypass piping, and prefabricated concrete structure for flow station) except as otherwise stated in this Bid Package. All materials must meet the specifications defined in the Construction Plans and Technical Specifications, without exception. Where no grade of material is specified, standard grade material is acceptable. Rock must be procured from a legal, certified pit or quarry. Materials, supplies, and all other items necessary for completion of the work will be paid for in a lump sum based the specified line item (although the RCD will request copies of supplier receipts with invoices).

The fish screen, intake system, steel conveyance pipe, and couplings will be staged on site by RCD.

EQUIPMENT AND LABOR: All equipment, tools, transportation, and labor necessary and incidental to completion of the work outlined in the Construction Plans will be provided by the Contractor unless otherwise stated in this Bid Package and should be included in the bid amount.

STANDARDS: See attached Sitework and Technical Specifications.

WORK PERIOD: Work must begin in the first two weeks of **July 2021** and must be completed by **July 31, 2021** unless adjusted or extended by the RCD. No work can occur beyond August 31, 2021.

PERMITS: The RCD has secured all necessary federal and state environmental compliance documents for the project; they are available on our website <https://www.siskiyougcd.com/copy-of-resources>. The successful bidder will be required to conduct work in compliance with said documents and with oversight from the Project Coordinator. Contractor must have copies of all permits on hand during work hours.

CONSTRUCTION INSPECTION: The Contractor will be working under the direct guidance of the Project Coordinator (Preston Harris of RCD) and the Project Engineer (Joey Howard of Cascade Stream Solutions) to isolate the construction areas from active flow and complete installation of the project components. The Project Coordinator and/or Project Engineer will stake the site prior to construction and survey the site periodically to affirm adherence to the Construction Plans. Based on these surveys, the Project Coordinator will either request adjustments or approve completion of the project.

ELIGIBILITY: All bidders must attend a Pre-Bid Inspection Tour on **May 17, 2021 at 10:00 A.M.** The meeting location is the parking lot of Seiad Valley Store (44719 CA-96, Seiad Valley, CA 96086). No make-up tours will be scheduled.

QUALIFICATIONS: The following are minimum requirements and requested descriptions necessary to determine the qualification of bidders.

- 1.) Description of experience and possession of equipment required to complete the scope of work and meet construction specifications defined in this bid package. A space for your description is on the Bid Return Sheet. Also provide two references that are familiar with your abilities.
- 2.) Hold a valid Contractors License and have an active registration as a Public Works Contractor with the California Department of Industrial Relations
- 3.) Confirmation that demonstrates your ability to complete the work on time. Work must start on or after **July 1, 2021** and be completed by **July 31, 2021** unless adjusted or extended by the RCD. The start date is firm, and the successful bidder will be required to meet this work window.
- 4.) Possess the minimum liability insurance coverage listed below and attach a copy of your policy(s) to the Bid Return Sheet. The RCD will need to be listed as an additional insured entity on the certificate of coverage for your commercial liability policy before work begins. The minimum required liability limits are as follows:

	<u>Minimum Limits</u>
General Liability – bodily injury, personal injury, property damage (per occurrence)	\$1,000,000
General Liability – products and completed operations (aggregate)	\$1,000,000
Workers Compensation and/or Employer Liability (per accident)	\$1,000,000

ESTIMATE: Bids will be considered as full compensation for all labor, materials, equipment, transportation and other items or services necessary and incidental to the job. The RCD will accept bids in any amount. Be

advised the RCD has budgeted is in the range of \$20,000 to \$28,000.00 for this project. The RCD will accept bids over this amount. You may contact the RCD at sisqrcd@sisqtel.net with questions about your bid before the bid deadline. Any information regarding a respective bid will not be made public until the Board Meeting.

CONTRACTING & CANCELLATION: The RCD Board of Directors will review the submitted bids and accept one of the proposals at a Special Board Meeting on the evening of **June 10, 2021**. The Board of Directors can reject any or all proposals received. Bidders will receive notice of the award decision on **June 11, 2021**. The successful bidder will have until **June 18, 2021** to respond with acceptance or denial. The successful bidder will then have until **June 25, 2021** sign a Contract with the RCD.

Cancellation of the bid award is subject to notice from either party. The RCD Board of Directors has the authority to rescind the bid award if the successful bidder cannot provide evidence of the qualifications or requirements necessary for the development of a Contract. Cancellation must be provided via written notice.

CONTRACT TERMS: The Contractor must abide by all applicable local, state, and federal laws and regulations. Most notably, the RCD will require satisfaction of the following:

- Public Works: Contractor must abide by public works responsibilities set by the California Department of Industrial Relations. <https://www.dir.ca.gov/Public-Works/Contractors.html>
- Prevailing Wage: Contractor must adhere to all provisions of the State Labor Code regarding prevailing wage. <https://www.dir.ca.gov/Public-Works/Prevailing-Wage.html>
- Worker's Compensation: Contractor must be able to supply documentation of Worker's Compensation coverage for all employees. Upon request, such documentation must be made available to the RCD for employees working on the project.
- Sub-contractors: If the Contractor uses sub-contractors, the RCD must receive a written copy of the contract, which defines the agreement between the two parties relative to the project. The contract is expected to address liability insurance.

FUNDING SOURCE(S): Funding for the construction activities requested in this Bid Package are provided by the Bureau of Reclamation's Klamath Coho Habitat Restoration Program (managed by National Fish and Wildlife Foundation Agreement #0208.18.061688) and the United States Fish and Wildlife Service Management Assistance Program (Agreement #F20AP10738).

PAYMENT: Payment to sub-contractors will be based on work approved by the Project Coordinator and actual invoices submitted to the RCD. The payment process will not begin until invoices are received by the RCD. The Contractor will submit to the RCD a detailed statement of services performed and expenses incurred during the preceding period that includes the cost calculations for each line item. Each invoice must identify the Project Site (Fort Goff Creek) and include the RCD Job Reference Numbers: **#41-25** and **#41-28**. Invoices must be submitted to the RCD at P.O. Box 268, Etna, CA 96027 or via email sisqrcd@sisqtel.net. Because payments must be processed through the funding source (30 - 90 days), approved at a monthly RCD Board Meeting, and issued by the County Auditor's Office, actual check delivery to sub-contractors can extend up to 4 months beyond the date of invoice submittal. The RCD will make every effort to expedite this process but be aware that prepayment options are not available.

FOR MORE INFORMATION: Contact the Siskiyou Resource Conservation District at sisqrcd@sisqtel.net.

Fort Goff Creek Fish Passage and Diversion Improvement Project

BID RETURN SHEET

Name: _____

Address: _____

Phone Number: _____ Email: _____

Tax Payer I.D. #: _____

Contractors license # (Type & No.): _____

Public Works Contractor Registration #: _____

Briefly describe your experience working with instream projects, diverting water, and working in the vicinity of listed aquatic species (add additional pages if necessary):

List names and contact information for two references knowledgeable of your background:

1. _____

2. _____

List the heavy equipment (make and model) that you have access to and plan on using to complete this project (add additional pages if necessary):

Describe your approach to constructing the intake, fish screen pad, and return bypass (add additional pages if necessary):

Fill out the Cost Itemization Table and include it with this Bid Return Sheet.

Attach a current copy of your General Liability Insurance Policy or status thereof (the Siskiyou RCD can be listed as an additional insured after bid award notification).

Fort Goff Creek Fish Passage and Diversion Improvement Project

COST ITEMIZATION TABLE

Item No.	Description	Estimated Quantity	Unit	Proposal Price	Schedule
1.0	Mobilization and Demobilization –The transportation of equipment, tools, and labor necessary to perform work at the project site. Also includes cleaning of construction equipment prior to moving on-site and (as necessary when on-site) all start-up/shut-down costs and related work.	1	Lump Sum		Mobilization can occur by this date:
2.0	Bedrock Alteration and Installation of Water Diversion Intake –Equipment, materials, and labor to establish an intake channel through 40-60 feet of bedrock, and to remove approximately 3-5 cubic yards of rock material. Also includes construction of a temporary stream diversion cofferdam.	1	Lump Sum		Estimated number of days to complete:
3.0	Intake Structure Installation and Conveyance System Construction – Equipment, materials, and labor to mount intake structure and construct a conveyance pipe of approximately 165 feet through and existing earthen ditch. Also includes any excavation, grading, and/or backfilling needed to provide proper connection and flow from the intake to the fish screen.	1	Lump Sum		Estimated number of days to complete:
4.0	Fish Screen, Bypass, and Flow Measurement Station Installation – Equipment, materials, and labor to install the fish screen, and construct a fish bypass pipe. Equipment, materials, and labor to construct and install approximately 55 feet of pipe that will connect a fish return bypass to the creek. Equipment, materials, and labor to install a flow measurement station.	1	Lump Sum		Estimated number of days to complete:

5.0	Site Restoration - Includes all labor, tools, equipment, and incidentals for doing all the work necessary to restore the area disturbed by construction including but not limited to access road, staging areas(s), stream diversion structure, stockpile areas, and other areas traversed by heavy equipment to pre-project conditions. This includes removing ruts and loosening or compacting soils.	1	Lump Sum		Estimated number of days to complete:
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Proposal Total:

\$

(numerical)

DOLLARS

(spell out in words)