

TRUCKEE RIVER WATERSHED COUNCIL

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www.truckeeriverwc.org

Request for Bid

Coldstream Canyon Material Procurement, Transfer & Placement

The Truckee River Watershed Council (TRWC) along with project partners California Department of State Parks (CDPR) seek to hire a contractor to extract, transfer and place log materials this year (2022) in preparation for a stream restoration project in Coldstream Canyon that will be implemented in 2023. Log quantity is anticipated to be approximately 300 of which 200 will need to be extracted with full root-wad intact.

Lead: Truckee River Watershed Council

Mailing address:

P.O. Box 8568
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Physical address

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Truckee, CA

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Eben Swain
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Partner:

California Department of Parks & Recreation – State Parks
P.O. Box 266
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September 8, 2022

In 2022, TRWC will release several Requests For Proposals (RFP) and Requests For Bids (RFB) for restoration design, construction, environmental compliance, permit assistance, and other work tasks. We appreciate that some firms may wish to respond to multiple RFPs & RFBs. To help with proposal and bid preparation, we offer the following:

- 1. Responding to Multiple RFPs/RFBs.** Firms may respond to multiple RFPs and RFBs. In the vast majority of our projects, a firm will not be prevented from bidding on future work if they participate in current work. In the rare case where this prohibition exists, we will state the prohibition in the current RFP/RFB.
- 2. Lead Firm vs. Subcontracted Firm.** We understand and accept a given firm may be the lead in one response and a subcontractor in another response.
- 3. Respond Uniquely to Each RFP/RFB.** Each of our projects has a unique combination of partners, stakeholders, funders, constraints, opportunities, and timelines. Due to the characteristics of each project, we purposely release separate RFPs/RFBs. Firms must submit a response to each RFP or RFB to be considered. While we appreciate that a firm might be able to offer efficiencies if we combined projects, the unique blend of characteristics of each project prevent us from combining projects more than has already been done.
- 4. Repeating Information Across Multiple Responses.** We understand and accept that information about the firm, its staff, past work, references and work approach may be repeated, perhaps even word for word, across multiple responses.

Proposal Deadline

Proposals are due on October 7, 2022 by 5 PM.

Proposal Submission

Submit proposals in electronic form to TRWC. Electronic copies should be sent to:
Eben Swain eswain@truckeeriverwc.org

A. INTRODUCTION AND BACKGROUND INFORMATION

1.1 Project Overview

The project is by the Truckee River Watershed Council (TRWC) in partnership with the California Department of Parks & Recreation (State Parks). All parcels within the project sites are owned and managed by State Parks.

Coldstream Canyon, located in the Truckee River watershed, drains multiple tributaries including Cold Creek into Donner Creek and the Truckee River. There has been some 150 years of significant anthropogenic disturbance to the canyon, including logging, railroad development and dirt road construction, which has affected hydrologic and geomorphic function of the watershed.

Cold Creek drains a 12.5 square mile watershed (Coldstream Canyon) that extends from the crest of the Sierra Nevada to Donner Creek just west of the Town of Truckee. Cold Creek flows through a rugged subalpine landscape that was sculpted by glacial processes and has been highly affected by land use since construction of the Transcontinental Railroad in the 1860s.

A watershed assessment for Coldstream Canyon was completed in 2006 by TRWC. ([River Run Consulting and Hydro Science - 2007](#)) The Coldstream Canyon Watershed Assessment (CCWA) described the geomorphic setting, pre-disturbance function, disturbance history and response, and described restoration opportunities for several locations within the canyon.

Based on restoration opportunities identified in the CCWA, TRWC and State Parks) plan to implement stream restoration activities along a one-mile reach of degraded stream channel. A component of the stream restoration activities will include construction of several wood/rock complexes that require large amounts of woody debris, root-wad abutments and boulders. The work tasks described in this bid package are in preparation for stream restoration activities.

1.2 Project Location and Access

Coldstream Canyon, Donner Memorial State Park is located about 2 miles southwest of Truckee, CA and about 1.5 miles south of Donner Lake. Vehicle access for crews and equipment to the project site will be along existing roads, with primary access along Coldstream Canyon Road. Coldstream Canyon Road is a dirt roadway utilized by State Parks personnel, local residents and visitors to the area. The road narrows at times, and minimal brush removal may be needed to ensure adequate equipment access.

Access: The project site is located behind a State Parks gate that is often locked during the summer months. Contractors wishing to access the site prior to submitting a bid should contact Eben Swain at the information noted below to coordinate access to the site. **Contact Eben at: 530-550-8760 *7 or eswain@truckeeriverwc.org.**

1.3 Project Need

Work performed through this contract will serve two primary purposes:

- 1) Enhance an existing aspen grove consisting of 55 acres in Coldstream Canyon by removing select conifers to provide for growth of young and mature aspen trees.
- 2) Conifer trees slated for removal will be staged for use in planned stream restoration activities in 2023. Large woody debris structures will be constructed utilizing tree trunks and root-wads procured through this contract to stabilize eroding banks, encourage sediment deposition and provide aquatic habitat.

The restoration of natural processes and stream/floodplain interaction along the one-mile of degraded stream channel will all help to achieve the primary goal of restoring geomorphic and ecosystem functionality. Restoration actions will help to minimize the potential for erosion, increase riparian and riverine habitat, alleviate flood damage and allow for greater resiliency in a watershed where a changing climate and increased uncertainty of erratic storm events will likely cause greater damage in an environment that is already severely degraded.

B. Project Work Plan

The contractor shall perform all professional and technical services necessary to accomplish the work, including all labor, materials, equipment as required. The work to be performed shall consist of the following tasks:

2.1 Scope of Work to be performed

Task 1. Meetings

Prior to initiating work, a meeting will be held with State Parks and TRWC, to review the project site and finalize the work plan and sequencing. Contractor should anticipate a 3-4 hour meeting in the field with appropriate personnel who will be involved in task completion.

Task 2. Clearing Access and Staging Areas

The staging areas where extracted logs/rootwads are to be piled are in close proximity to locations where trees will be removed, however contractor should anticipate needing to clear space where logs/rootwads will be piled. Clearing may entail cutting small diameter trees, clearing brush or slash or creating larger “openings” to accommodate log/rootwad piling. This task is anticipated to take no longer than two days, however contractor will need to supply appropriate equipment and labor to complete the task.

Task 3. Log/root-wad procurement

The majority of logs will be extracted from designated areas within Donner Memorial State Park. Trees slated for removal will be marked with paint, or otherwise designated for removal by CA State Parks personnel and will consist primarily of either Lodgepole or Jeffery pine. Trees slated for removal will range from 14-29” in diameter. Current distribution of size classes are:

Size Class	Quantity
14-16" DBH	18
16-18" DBH	25
18-20" DBH	33
20-22" DBH	26
22-29" DBH	74

Quantity of trees for each size class is approximate – contractor should anticipate some flexibility for field fit selection of trees dependent on ground conditions.

Where standing trees are removed, contractor will need to extract the entire root-wad by digging with an excavator and will need to maintain a 15-20' bole above the root-wad. The remainder of the tree will need to be limbed and, where usable, boles will be transferred to designated staging areas. Once the root-wad is extracted, Contractor will need to fill the hole with adjacent native soil/rock materials and smoothed to adjacent land contour to the extent possible.

Contractor should anticipate extracting approximately 175 trees in the above-mentioned size class with root-wads intact and shall limb and buck the remainder of the tree per length specifications. All usable materials shall be transferred to designated staging areas and piled per field direction. All remaining slash and small boles shall be piled per Task 4.

Cultural Monitor. State Parks will employ a qualified archeologist to serve as a cultural monitor who will be on-site during the project activities to inspect each crater and identify any unforeseen cultural resources. If resources are identified, work shall halt in location of identified resource until appropriate avoidance or mitigation measures are put into place.

Task 4. Slash and Materials Piling

1. Hand pile, or pile with excavator, all material including limbs from thinning operations less than 8 in. at the large end. Bole of the tree must be limbed before placing it in the pile. Material greater than 8 inches in diameter can be left on site but shall be safely resting on the ground at both ends.
2. Hand pile or pile with an excavator, all existing down woody material greater than 36 in. in length and 3 in. at the small end and up to 8 in. on the large end.
3. Material in hand piles shall be less than 6 ft. in length.
4. Piles shall be piled in a beehive/dome shape.



5. Piles shall be a minimum of 5 ft. wide by 5 ft. in height, but no larger than 8 ft. wide by 8 ft. in height.
6. Pile composition and structure should be as compact as possible with a distribution of fine and heavy woody material throughout to promote maximum consumption when burned.

7. Pile placement shall be located in openings so that edges of burn piles are at least 20 ft. from the trunks of residual standing trees.
8. To ensure soil protection measures, at no times shall a back-hoe or dozer be utilized to push slash materials into piles. Piles will be constructed through use of excavator or hand crews only.

Task 4. Soil protection/road reconstruction

Contractor shall protect soils by avoiding wet areas and shutting down operations during periods of high soil moisture as determined by State Parks and TRWC project managers. Vehicles will not operate during wet conditions and will not cause any soil rutting. Best Management Practices (BMPs) shall be maintained and shall include protection of existing drainage structures along access routes to and from the project area.

All tractor routes and any soil or topographic disturbance caused by operations shall be restored to natural topographic conditions and covered with native forest litter.

At termination of project activities, or prior to the winter season, the designated haul road and access routes shall be left in a clean, smooth condition and shall be reconstructed, if necessary, to pre-project condition and to allow for continued use by state parks personnel, local residents and visitors. Road reconstruction may include, but is not limited to, grading, crowning, rocking, drainage repair, culvert cleaning, side ditch repair, water bar repair and side slope re-contouring and may necessitate in-haul of road base materials to fill areas adversely affected by equipment use or tree extraction.

2.2 Schedule

Contract negotiations for this project will include scope and time constraints. Anticipated proposed project schedule is as follows:

Activity	Completion Date
Proposals due	October 7, 2022
Interviews with top applicants	October 11, 2022
Scope of work and contract finalized	October 14, 2022
Pre-construction meeting	October 17, 2022
Begin project construction	October 20, 2022
Complete project construction (weather dependent)*	November 30, 2022

Dependent on contractor availability and weather conditions, project completion is anticipated for November 30, 2022, however Contractor and TRWC may negotiate to complete work in spring/summer of 2023.

C. WORK REQUIREMENTS

Work Schedule. The Work Schedule will be established between Contractor and TRWC. In either case, the work is expected to continue until the project is completed. No overtime charges will be accommodated.

Permits and Environmental Compliance. The Contractor shall be responsible for complying with the requirements of and maintaining on-site copies of all project permits and compliance documents during construction.

Staging and Access. Staging and access will be limited to designated areas approved by State Parks personnel. Any proposed deviations from these areas must be approved by TRWC or State Parks Project Manager.

Traffic Control Plan. Portions of project roads are open to the public and used for recreation. CONTRACTOR will take adequate measures to protect and keep the public out of active work areas.

Temporary warning signs will be required to be in place along roads to alert all traffic of work/operations; signs will be of appropriate specifications for the type of road/trail to be posted on.

Warning signs (at least two, one for each direction) shall be posted on roads. For mechanical work these shall be located 500' from the intersection of the road and unit boundary at each edge of the unit. For manual tree felling these shall be located 200' from the intersection of the road and unit boundary at each edge of the unit.

Signs shall be posted whenever working to alert oncoming traffic and other forest users of the safety hazards associated with the operation. Example of wording: "WARNING-EQUIPMENT WORKING – STAY BACK 300 FEET" or for manual thinning operations: "CAUTION-TREE FELLING-STAY BACK 200 FEET".

Equipment. Contractor must provide equipment in excellent operating condition. No leaks of any size will be allowed. Contractor will be required to secure replacement equipment if any equipment is inoperable for two (2) days or longer. Failure to perform these requirements is grounds for contract termination.

All equipment will be pressure washed prior to mobilizing to the site to remove any vegetative matter, soil, or other organic matter to prevent the spread of noxious weeds. Any equipment that leaves the site must be cleaned again before re-entry.

Contractor will be required to provide all fuel, servicing and repairs to maintain equipment in operating condition. The Contractor shall fuel equipment at areas designated by the Engineer or Engineer's Representative. When fueling must be done at a construction area, the Contractor shall designate a site(s) and obtain approval from the project Engineer. All fueling, servicing, and repairs will be done in designated fueling areas at a minimum of 50 feet from any water surface or drainage area to prevent accidental petroleum discharge in riparian and other sensitive areas.

Water quality concerns require that equipment be free of all operating fluid leaks. The Contractor will be required to submit a spill prevention plan prior to mobilization and is required to have the appropriate materials on-site to clean up any spills that may occur.

Spark arresters will be required on equipment for fire prevention. The Contractor will follow USFS Activity Level restrictions as related to fire.

Personnel. No change in personnel will occur without written agreement between the Contractor and TRWC. TRWC reserves the right to have Contractor replace a non-performing operator.

Materials. Contractor shall provide erosion control materials/BMPs, seeds, wood chip mulch, hydraulic mulch and tackifier. It is anticipated that other construction materials will be generated on site (trees, gravel, rock, willows, fill, etc.).

Construction water. Sources for construction water will be discussed at the pre-construction meeting. Construction water is located at the Coldstream Ponds site and is available for drafting. The site is approximately 1.5 miles below the area where trees will be extracted on Coldstream Road.

D. REQUESTS FOR ADDITIONAL INFORMATION

Requests for additional information or clarifications will be accepted after the pre-bid meeting (Section C) and shall be submitted via e-mail to Eben Swain at eswain@truckeerverwc.org by NOON September 14, 2022.

Responses will be sent by Friday, September 16, 2022 via e-mail and will be posted at www.truckeerverwc.org as an addendum to the bid proposal.

E. BID SUBMISSION AND FORMAT

Bids must be received by 5pm on Friday, October 7, 2022. Bids must be submitted electronically with the Bid Sheet in .xls format and all other materials contained in a single file in .pdf format. Send bids to: eswain@truckeerverwc.org.

Bids should include the following:

- Scope of work and approach. Outline the proposed technical approach to project activities including work sequencing and equipment.
- Proposed project schedule
- Cost prepared to reflect project work tasks noted in Section B – Project Work Plan
- Rate sheet
- List of relevant project experience, with photographs and contact information for references
- List of current certifications of staff assigned to project (e.g. Class A Contractor's license)
- Experience of project manager, superintendent, foreman, and operators assigned to project

- Exact specifications of equipment to be used
- If you have completed work or submitted proposals to work with TRWC before, please list the most recent project or proposal

F. BID PACKAGE AND EVALUATION

In the Bid Package, the Contractor shall document the following qualifying experience:

1. The Contractor shall have completed a minimum of three forestry projects that have included extraction of root-wad for salvage.
2. Example projects must demonstrate working in a forestry environment, road improvements and/or construction.
3. The Contractor's superintendent or foreman assigned to this project shall have at least three years' experience supervising forestry projects which included root-wad extraction, logging operations and road improvement/construction work.
4. State of California Class A General Engineering Contractor's license in good standing
5. Work experience – minimum three (3) example projects showing use of appropriate machinery and personnel for logging, root-wad extraction and road improvements/construction.
6. The Contractor shall have demonstrable experience implementing restoration projects in a timely manner and within budget.

Bid Completeness. All sections of this bid package are important and must be addressed. Bids must be submitted for the entirety of the work as described in this RFB and its attachments.

Bid Evaluation. Bids will be evaluated on the basis of cost, project experience, past performance, qualifications of proposed equipment operators, integrity and capability of bidders, and probable level of service and convenience to TRWC. TRWC may conduct interviews with select Contractor(s) or teams based on their evaluation of bids.

If in the sole opinion of the TRWC, the Contractor does not meet the required qualifications the bid will be deemed non-responsive.

TRWC reserves the right to retain all bids for a period of 60 days for examination and comparison, and to delete any portion of work from the contract. TRWC reserves the right to reject any and all bids.

G. PAYMENT TERMS

Funding sources for this project allow invoices to be submitted once every 30 days for work completed. It is expected that payment can be made within 120 days of invoice(s) submittal; however payment will only be made to the Contractor once TRWC has received payment from the project funders. All efforts will be made by TRWC to expedite payment; however no interest will be paid on overdue payments.

H. CONTRACT REQUIREMENTS

Amendments. Once a contract has been executed, no changes to the agreed upon scope of work shall occur without written agreement between the Contractor and TRWC.

Bonding. Contractor must furnish a performance bond in favor of TRWC in the following amounts: faithful performance (100%) of contract value; labor and materials (100%) of contract value for any contract over \$25,000 (Civ. Code, § 3247 et seq.; Pub. Contract Code, § 7103).

Insurance. Contractor must provide insurance certificates covering \$2 Million per Each Occurrence and no less than \$4 Million Aggregate showing the Truckee River Watershed Council, and California Department of Parks and Recreation, as well as their principals, directors, employees, mortgagees, agents, representatives, successors, and assigns as special endorsements to be added to the insurance policy.

Indemnification. TRWC and Contractor agree they shall attempt to settle any dispute arising out of this contract, to include allegations of professional negligence, through communication and negotiation in the spirit of mutual friendship and cooperation. If the dispute cannot be resolved in this manner, Contractor, at its expense, shall indemnify, hold harmless, and when requested by TRWC to do so, defend TRWC, its officers, agents, and employees from any and all claims, demands or charges and from any loss or liability, including attorney's fees and expenses of litigation, resulting from negligence or carelessness on the part of the Contractor, its employees, or agents in the execution of the work or delivery of materials and supplies, by or on account of any act or omission of the Contractor, its employees or agents, including damage or destruction of any property or properties arising from, caused by or connected with the performance of work by Contractor, its agents, subcontractors and employees, and any failure to fulfill the terms of any laws or regulations which apply to the contract.

Prevailing Wage. California prevailing wage is required as established by the California Department of Industrial relations (<http://www.dir.ca.gov/public-works/prevailing-wage.html>). Where applicable, rates for Placer County will apply.

Qualifications. Contractor must possess a valid California Class A Contractor's license.

Audit. Auditors of the State of California will have the right to examine the records of the Contractor relative to the goods, services, equipment, materials, supplies, or other assistance provided to TRWC for the Project for a period of three years after project completion.

Non-Discrimination. During the performance of this Agreement, Contractor shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of race, religion, color, national origin, ancestry, physical disability (including HIV and AIDS), mental disability, medical condition, marital status, age (over 40), sex, sexual orientation, or use of family-care leave, medical-care leave, or pregnancy-disability leave. Contractor shall take affirmative action to ensure that the evaluation and treatment of its employees and applicants for employment are free of such discrimination and harassment. Such action shall include, but not be limited to, the

following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. Contractor shall comply with the provisions of the Fair Employment and Housing Act (Government Code Section 12900 (a-f) *et seq.*), and applicable regulations (California Code of Regulations, Title 2, Section 7285 *et seq.*). The regulations of the Fair Employment and Housing Commission regarding Contractor Nondiscrimination and Compliance (Chapter 5 of Division 4 of Title 2 of the California Code of Regulations) are incorporated by reference into this Agreement. Contractor shall give written notice of its obligations under this non-discrimination clause to labor organizations with which Contractor has a collective bargaining or other agreement, and shall post in conspicuous places available to employees and applicants for employment, notice setting forth the provisions of this section.

Attachment 1: [Project Site Map & Location](#)