

Request for Bid

Perazzo Meadows Restoration Project – Lower Meadow

The Truckee River Watershed Council is seeking construction bids for the Lower Perazzo Meadows Project

Truckee River Watershed Council

Mailing address:
P.O. Box 8568
Truckee, CA 96162

Physical address – no mail delivery is available at this address
10418 Donner Pass Rd, Suite B
Truckee, CA

Beth Christman, Director of Restoration
bchristman@truckeeriverwc.org

Amendments to this Request for Bid will be posted on www.truckeeriverwc.org within the “news” section, and distributed through our weekly E-Currents newsletter. Please subscribe to our E-Currents newsletter by clicking “Subscribe” link in lower left corner of our webpage.

RELEASE DATE: March 20, 2019

In 2019, TRWC will release several Requests For Proposals (RFP) and Requests For Bids (RFB) for restoration design, construction, environmental compliance, permit assistance, and the like. 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, work approach, and the like may be repeated, perhaps even word for word, across multiple responses.

A. PROJECT DESCRIPTION

- Background and Setting
- Work
- California Conservation Corps/Sacramento Regional Conservation Corps and Revegetation
- Stream Diversion Plan
- Permits and Environmental Compliance
- Construction Oversight
- Project Schedule

The lead for the project is Truckee River Watershed Council (TRWC). Project partners include:

- Truckee Donner Land Trust
- U.S. Forest Service – Tahoe National Forest, Sierraville Ranger District

Background and Setting. The purpose of the Lower Perazzo Meadow restoration project (Perazzo project) is to restore approximately 50 acres of degraded meadow.

The project site is owned by the Truckee Donner Land Trust (TDLT) and is adjacent to lands managed by the U.S. Forest Service – Tahoe National Forest (USFS).

Perazzo Meadows, located along the east slope of the Sierra Nevada mountain range, is a habitat-rich riparian and meadow system in the Little Truckee River watershed. The meadow complex consists of a series of wet meadows fed by the Little Truckee River, Perazzo Canyon Creek, and Cold Stream. Perazzo Meadows has a long history of human disturbance including logging, grazing, roads, and historic dairy operations that began in the late 1800's. There are varying levels of severity of stream and meadow degradation from the headwaters all the way to the receiving waters of Stampede Reservoir.

Project objectives include:

- Restoring hydrologic function by improving floodplain connectivity;
- Restoring wetland hydrology by elevating the groundwater table through the growing season;
- Improving water quality and degraded aquatic habitat through reduced erosion, improved stream temperatures, increased sediment deposition to rebuild meadow soils through overbank flow;
- Providing resilience to climate change through increased flood flow attenuation and healthier meadow vegetation;
- Restoring habitat for fish and wildlife through improved instream condition and more productive meadow habitat; and
- Improving ability of system to respond to dry periods by sustaining late season base flow.

Previous phases of work in the Perazzo Meadows system resulted in the restoration of the 150-acre Upper Meadow and the 200-acre Middle Meadow, completed in 2009 and 2010 respectively.

Work. The Project work is described in detail in the attached Lower Perazzo Meadows Restoration 95% Design Plans (Attachment 1). In general, construction activities include:

- Establish and maintain stream diversion system;
- Install and maintain Best Management Practices;
- Establish access routes, including encapsulated meadow access roads;
- Generate fill from upland borrow sources;
- Salvage and stockpile meadow vegetation;
- Masticate/chip trees from upland borrow sites;
- Place and shape fill in dewatered channel;
- Construct riffle grade control structure at lower end of project;
- Revegetate channel fill with stockpiled material and willow transplants;
- Grade and stabilize borrow areas;

- Decommission access routes; and
- Remove stream diversion.

Refer to the Attachments 1 and 2 for construction detail, typical of project features, materials requirements, staging, access, etc.

California Conservation Corps/Sacramento Regional Conservation Corps and Revegetation. The California Conservation Corps and Sacramento Regional Conservation Corps (collectively referred to as the Corps) will complete some of the revegetation activities required for the project. Specifically, the Corps will complete hand installation of willow stakes and wattles, conifer planting on borrow areas, and supplemental mulching. The Contractor shall be responsible for the revegetation activities described in Attachment 3 (Revegetation Plan).

Stream Diversion Plan. The contractor will be responsible for submitting a detailed stream diversion plan 30 days prior to construction for approval by the Engineer’s Representative. The diversion plan will include details on:

- Diversion cofferdam or porta-dam construction details and locations of any associated BMPs;
- Diversion outlet location and construction details, including velocity dissipation and scour/sediment control features;
- Detail on how the sections of 12” HDPE pipe will be joined to minimize leakage or failure;
- Daily visual monitoring plan for the diversion pipe and a repair/contingency plan if significant leakage or failure is observed, and
- Information on how the diversion system will be continuously operated outside of normal business hours, including contingency plans for fueling, unanticipated breakdowns, or other issues that may occur when staff are not present.

Permits and Environmental Compliance. The Project is covered by a number of regulatory permits and environmental compliance documents. These include:

- CEQA Mitigated Negative Declaration for the Perazzo Meadows Restoration Project and CEQA Amendment;
- USACE Section 404 nationwide permit;
- California Dept. of Fish and Wildlife Section 1602 Streambed Alteration Agreement;
- State Water Resources Control Board NPDES Construction General Permit;
- Stormwater Pollution Prevention Plan for Lower Perazzo Meadow Restoration Project (Attachment 2);
- Lahontan Regional Water Quality Control Board Section 401 Water Quality Certification; and
- Sierra County Grading Permit

TRWC will make these documents available to the selected contractor.

Construction Oversight. Work will be observed by the Engineer or Engineer’s Representative as described in Attachment 1. All parts of this project, including soil preparation, earthwork, and planting, are subject to field design or refinement by the Engineer or Engineer’s Representative, according to field conditions.

Expected Project Schedule.

Task	Date
Pre-bid meeting (mandatory)	April 17, 2019
Deadline for requests for additional information	April 22, 2019
Bids due	May 10, 2019
Interviews	May 21 - 24, 2019
Contract award	June 1, 2019

Construction start (estimated)	August 1, 2019
Instream work completed	October 1, 2019
Construction completion	October 15, 2019

B. WORK REQUIREMENTS

- Work Schedule
- Permits and Environmental Compliance
- Staging and Access
- Recreation Access Management
- Equipment
- Personnel
- Materials

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. Equipment/site access will be limited to routes designated in Attachments 1 and 2. All equipment staging and stockpiling will take place in designated areas. At least 30 days prior to mobilization, the Contractor shall submit a Staging and Access plan that includes the following details:

- Any proposed deviations from the access route alignments and staging area configuration from what is shown in Attachments 1 and 2;
- Fuel and chemical storage areas;
- Materials/equipment staging areas; and
- Employee parking areas.

Recreation Access Management. The site will be open to recreational use during construction. All provisions to minimize disturbance to trail use, picnicking, and visitor parking must be taken. The Contractor will submit a Recreational Access plan inclusive of a safety plan, trail closure schedule, and signage plan thirty days prior to mobilization.

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 staging areas shown on Attachments 1 and 2. When fueling must be done at a construction area, the Contractor shall design a site(s) and obtain approval in writing from the Engineer before using. 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. Refer to Attachments 1 and 2 for additional details on access, staging, and stockpiling.

Water quality concerns require that all equipment be free of all operating fluid leaks. The Contractor will

be required to follow spill prevention procedures as outlined in the SWPPP, 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 landowner requires that Contractor will follow US Forest Service 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. All materials to be used in the project must meet the specifications stated in the specifications included in Attachments 1, 2, and 3. The Engineer's Representative will approve all materials prior to installation.

C. TOUR AND SUBMISSION

A **mandatory** pre-bid meeting will be held on April 17, 2019 1:00 PM to 3:00 PM at the U.S. Forest Service Truckee Ranger Station, 10811 Stockrest Springs, Truckee CA 96161. Attendance at the pre-bid meeting is a prerequisite for submitting a bid.

Bids must be received by 5:00 P.M. on May 10, 2019. Bids must be submitted electronically in .pdf format, all materials must be contained in a single file. Send bids to: bchristman@truckeeriverwc.org

D. 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 wetland and stream restoration projects as the prime contractor in the past ten years. Example projects must demonstrate experience working in sensitive wetland areas, natural channel restoration, floodplain restoration, dewatering system implementation, grade control construction, and revegetation.
2. The Contractor shall have experience with projects involving large amounts of earth moving.
3. The Contractor's superintendent or foreman assigned to this project shall have at least three years' experience supervising wetland and stream restoration projects which included significant earthwork, site stabilization, and stream diversion.
4. State of California Class A General Engineering Contractor's license and Class C-27 Landscaping Contractor's license, both in good standing.
5. Work experience – minimum three (3) example projects showing montane (>4000 feet elevation) meadow, floodplain, or riparian restoration work including native revegetation in the past 10 years. Submit a minimum of five (5) representative photographs showing operations for each project, including earthwork, revegetation/site stabilization, and stream diversion.
6. The Contractor shall have demonstrable experience implementing restoration projects within budget that were subject to field fit and design modifications during implementation.

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 will 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 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.

E. BID FORMAT

Bids should include the following:

- ◆ Scope of work and approach. Outline the proposed technical approach to project activities including work sequencing and equipment. The approach should include discussion of all major project components including but not limited to Best Management Practices, stream diversion/dewatering, earthwork, instream work and structures, revegetation/site stabilization, and managing recreation access.
- ◆ Proposed project schedule
- ◆ Cost Estimate prepared on attached Bid Sheet (Attachment #4)
- ◆ 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

Bids should be no longer than 40 pages, including all attachments.

No overhead or administration costs are allowed.

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.

F. PAYMENT TERMS

Funding sources for this project allow invoices to be submitted once every 90 days (March 25, June 25, September 25, and December 15) 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.

G. REQUESTS FOR ADDITIONAL INFORMATION

All requests for additional information or clarifications after the pre-bid meeting shall be submitted via e-mail to Beth Christman at bchristman@truckeeriverwc.org by 5 PM April 22, 2019. Responses will be sent via e-mail to all potential bidders that participated in the pre-bid meeting, posted at www.truckeeriverwc.org in the "News" section, and emailed in our weekly E-Currents newsletter.

H. CONTRACT REQUIREMENTS

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 the Truckee Donner Land Trust 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 Sierra County will apply.

Qualifications. Contractor must possess a valid California Class A General Engineering Contractor's license and Class C-27 Landscaping Contractor's license.

TRWC cannot contract with any party who is debarred or suspended or otherwise excluded from or ineligible for participation in federal assistance programs under Executive Order 12549, "Debarment and Suspension"; or any individual or organization on USEPA's List of Violating Facilities. (40 CFR, Part 31.35, Gov. Code, §4477) Subcontractors are also subject to this provision.

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.

I. ATTACHMENTS

Attachment 1. Design Basis Memo and Restoration Design plan (95%, dated 2/28/19).

Attachment 2. Stormwater Pollution Prevention Plan (SWPPP) for Lower Perazzo Meadow Restoration Project (dated 3/1/2019)

Attachment 3. Revegetation Plan for Lower Perazzo Meadow Restoration Project.

Attachment 4. Bid Sheet

Attachment 5. Sample Contract