

Request for Bid

Lower Hoke Meadow Restoration Project

The Truckee River Watershed Council is seeking a construction bid for the Lower Hoke Meadow Restoration Project

Lead: Truckee River Watershed Council

P.O. Box 8568
Truckee, CA 96162
Beth Christman, Director of Restoration
bchristman@truckeeriverwc.org
530-550-8760 x1#

Partner: U.S. Forest Service - Tahoe National Forest

10811 Stockrest Springs
Truckee, CA 96161
Sharon Falvey, East Zone Hydrologist
530-587-3558

RELEASE DATE: December 14, 2022

In 2022 and 2023, 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 prevents 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

The lead for the project is Truckee River Watershed Council (TRWC). The project partner is the U.S. Forest Service – Tahoe National Forest (USFS).

Purpose. The purpose of the Lower Hoke Meadow Restoration (Hoke) Project is to protect and restore a degraded 25-acre meadow.

Location. The project takes place entirely on land managed by the U.S. Forest Service – Tahoe National Forest. Hoke Meadow is located off Stampede Meadows Road (Att. 1). To drive to the site from Interstate 80, take Exit 194. Turn north onto Hirschdale/Stampede Meadows Road and travel approximately 9 miles to Hoke Valley. The site is not accessible during winter months.

Project Overview. Hoke Valley has a diverse land use history that includes a section of the emigrant trail, roads, dispersed camping, telephone and petroleum lines, and historic logging and grazing impacts. The stream within the meadow is incised and the channel has eroded up to ten feet deep in some sections, disconnecting the stream from the floodplain. Throughout the meadow there is an inset floodplain where wetland species are dominant while the main surface of the meadow appears to be transitioning from wetland to drier type vegetation.

The Hoke project is designed to restore hydrologic connectivity and functional floodplain processes to transition the meadow surface to a wet meadow system, balancing the depositional and erosional processes that are characteristic of low gradient meadow systems.

Project goals include:

- Restore channel and meadow functions;
- Enhance meadow hydrology and habitat;
- Reduce sources of instream sediment from bank erosion; and
- Protect existing spring-fed tributaries that provide hydrologic support to the meadow.

Schedule. Implementation is scheduled for summer and fall, 2023. Construction may begin in July of 2023 as site conditions allow. Exact project start date can be negotiated between TRWC and the Contractor, however work must be completed by October 1, 2023.

Work. Attachment 2 contains the project design. Additional detail will be provided at the pre-bid meeting (See Section C).

Work generally includes:

- Mobilization, BMP installation, dewatering system installation;
- Fill existing channel with a mix of imported material and material derived on-site;
- Construct riffles in remnant channels;
- Decommission a dirt road; and
- Revegetate disturbed areas

Mobilization, BMPs, Dewatering. Mobilize equipment to site and install BMPs necessary to avoid impacts to sensitive areas.

Temporary diversions or dewatering will likely be needed to manage water in the existing stream channel, where fill will be placed. If sufficient flow is present, then water will need to be piped around the work area and discharged through the existing culvert under Stampede Meadow Road. If stream flow is intermittent, then water could be pumped out of the active work area and used for erosion control. Any water that is not used for on-site erosion control could be discharged onto the meadow surface or nearby upland areas. No turbid water would be allowed to re-enter the stream channel. Discharge locations will be monitored for erosion.

A final diversion/dewatering plan will be required 30 days prior to construction and will include provisions for managing expected flows, diversion specifications (if needed), management of pumped water, erosion control provisions, and measures to prevent instream water quality impacts.

Channel fill. Prior to placing fill, all vegetation and topsoil (including mature willows with roots) will be removed and stockpiled for later re-use. Fill will then be placed in the current channel to just below the elevation of the meadow surface and compacted to match the porosity/transmissivity of the native meadow soils. Rock will be placed to protect the surface of plugs or fill areas that are likely to see overland flow each year (Att. 2). Salvaged topsoil and vegetation will be replaced on top of the fill material to match meadow grade.

Approximately 9,000 cubic yards of total fill will be required to complete the project. Fill will be imported and generated on site.

Careful material handling will be needed as the imported material is rockier than the material to be derived on site. Coarse grained rock and gravels would be utilized in riffle areas. Material generated from the on-site borrow areas is required in fill areas M11, M14, M16, M19 and M20. These areas must provide low porosity fill that is similar in transmissivity to the adjacent ground to ensure dispersal of the water and to back up water to the meadow surface.

Fill transport and generation. Approximately 5,900 cubic yards of fill will be imported to the site from an existing stockpile located approximately 3 miles from the project site at Sardine Meadow (Att.1). It is likely that some maintenance may be needed on the dirt road between Hoke Valley and Sardine Meadow, however the extent of work will not be known until after the winter.

Two bridges are located along the Sierra County road between Hoke Valley and Sardine Meadow. These bridges are able to accommodate a legal load: 20,000 lbs./axle or 80,000 gross vehicle weight.

The remaining fill (up to 3,000 cubic yards) will be derived from on-site upland borrow areas and some minor excavation within the meadow. The Site Plan in Attachment 2 shows the upland borrow areas as well as the within-meadow excavation areas ("pond excavation"). The two middle borrow areas shown on the site plan on the north side of the project area will be used first. The other two borrow areas on the north side of the project area will be used only if needed. The borrow area shown on the south side of the gully will be used.

Topsoil and vegetation will be removed from upland borrow areas and stockpiled for use in revegetation. Once fill material is generated, borrow areas will be graded to sustainable angles. Topsoil will be spread on the disturbed areas, and these areas will be re-seeded with native seed (seed provided by TRWC).

Riffle construction. A series of riffles will be constructed in the remnant channels to be restored. It is anticipated that the majority of material can be derived from dismantling the existing on-site gabions and from the stockpiled material at Sardine. Cobble used in the riffles will primarily be 2-6" to best match site conditions.

Road decommissioning. Road/trail 860-01/17E11 on the north side of the project area will be used for construction access. After construction is complete, the road will be decommissioned and the ends of the road blocked. Decommissioning will include ripping the road surface, reconnecting drainage across the road, spreading native seeds (to be provided by TRWC), and mulching with pine needles (available on site).

Revegetating disturbed areas. All disturbed areas including the stockpile area at Sardine Meadow will be revegetated and de-compacted as appropriate. Meadow access routes may need light decompaction but should not be ripped. All disturbed areas will be seeded (seeds provided by TRWC) and mulched with

native on-site mulch.

Within-meadow tree removal. The site plan shows several trees to be removed within the meadow (not on the borrow areas). These trees will only be cut if necessary to complete the other project activities. All material will be used on-site (e.g. for mulch, slash, or habitat features).

Culverts – not in current contract. The Site Plan includes reference to installation of additional culverts under Stampede Meadows Road. Culvert installation or any maintenance of the existing culvert is not part of this current Scope of Work and will be put out to bid separately. Contractors bidding on this current Scope of Work may also bid on the future culvert work.

Construction Oversight. Project layout and on-site construction oversight will come from a combination of the project designers, U.S. Forest Service, and TRWC.

Expected Project Schedule

Task	Date
Optional pre-bid meeting	January 4, 2023
Deadline for requests for additional information	January 13, 2023
Bids due	January 26, 2023
Interviews	January 31, 2023
Contract award	February 7, 2023
Estimated earliest construction start	July 1, 2023
Construction completion (latest date)	October 1, 2023

B. WORK REQUIREMENTS

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

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

- State Water Resources Board Consolidated Programmatic EIR for restoration projects statewide (CEQA compliance)
- Proposed Action (NEPA compliance)
- USACE Section 404 Nationwide Permit
- Lahontan Regional Water Quality Control Board Section 401 Water Quality Certification
- State Water Resources Control Board NPDES Construction General Permit

Permits will be made available to the selected contractor, and contractor must keep copies of all permits on site during construction.

Staging and Access. Equipment/site access will be limited to routes designated by USFS personnel. All equipment staging and stockpiling will take place in designated areas.

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 USFS. When fueling must be done at a construction area, the Contractor shall designate a site(s) and obtain approval in writing from the USFS. 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 all 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.

Fire Plan. Contractor will be required to prepare and follow a U.S. Forest Service Fire Plan for Service Contracts and Special Use permit holders. Contractor shall comply with U.S. Forest Service Project Activity Levels (PALs). Contractor may apply for an eV Variance to continue operations under eV fire conditions.

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. TRWC will provide native seeds for use in the project site, all other materials necessary to complete the work will be provided by the contractor or derived on-site (fill, willows, mulch, etc.).

Construction water. Water is available on-site, however additional construction water may be needed. Drafting out of Boca Reservoir may be feasible.

Utilities. Buried utilities are present within the project area. Approximate alignments are shown on the site plan, however exact alignments are unknown. Contractor must call USA prior to beginning work for accurate utility locations.

C. PRE-BID MEETING AND SUBMISSION

An optional remote pre-bid meeting will be held on Wednesday, January 4th. The pre-bid meeting will be from 10:00 – 11:30 AM. For a link to the meeting, please e-mail: bchristman@truckeeriverwc.org

Bids must be received by 5:00 P.M. on Thursday, January 26th. Bids must be submitted electronically in .pdf format, all materials must be contained in a single file. Send bids to: bchristman@truckeeriverwc.org

D. REQUESTS FOR ADDITIONAL INFORMATION

Requests for additional information or clarifications shall be submitted via e-mail to Beth Christman at bchristman@truckeeriverwc.org by 5 PM on Friday, January 13th.

Responses will be sent via e-mail to all participants in the pre-bid meeting and posted on the TRWC website.

E. 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 prime contractor in the past ten years. Example projects must demonstrate working in sensitive wetland areas, natural channel restoration, floodplain restoration, riffle construction, dewatering/diversion, and revegetation.

2. The Contractor's superintendent or foreman assigned to this project shall have at least three years' experience supervising restoration projects which included channel restoration, revegetation, and dewatering.
3. State of California Class A General Engineering Contractor's license in good standing.
4. Work experience - minimum three (3) example projects showing montane (>4000 feet elevation) meadow, floodplain, or riparian restoration work in the past 10 years. Submit a minimum of three (3) representative photographs showing operations for each project, including earthwork, revegetation, and site stabilization
5. 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 may conduct interviews with 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.

F. BID FORMAT

Bids must be prepared using the attached bid sheet.

No overhead or administration costs are allowed.

Bid packages 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, earthwork, dewatering, and revegetation/site stabilization.
- ◆ Proposed project schedule.
- ◆ Cost Estimate prepared on attached Bid Sheet; include fuel cost used in bid.
- ◆ Rate sheet.
- ◆ Discussion of anticipated equipment to be used for road maintenance for hauling, ensure rates for equipment are included on Rate Sheet.
- ◆ List of relevant project experience, with 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.

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.

Fuel contingency. Fuel costs used in bid shall be included on the bid sheet. One month prior to mobilization, TRWC and Contractor shall revisit fuel costs to evaluate the need for a fuel cost contingency

(increase or decrease).

G. 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.

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, the US Forest Service, 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.

Audit. Contractor shall maintain, and TRWC shall have access to, all records connected with this contract for three years from contract completion date in the event an audit is required.

I. ATTACHMENTS

[Attachment 1 – Figures](#)

1. Vicinity Map
2. Sardine stockpile location map

[Attachment 2 – Lower Hoke Meadow Restoration Design](#)

[Attachment 3 – Bid Sheet](#)