

Request for Bid

Boca Unit Restoration Project

The Truckee River Watershed Council is seeking construction bids for the Boca Unit Restoration Project

Lead: Truckee River Watershed Council

P.O. Box 8568
Truckee, CA 96162

Michele Prestowitz, Project Director
mprestowitz@truckeeriverwc.org
530-550-8760 x 4

Partner: California Department of Fish and Wildlife

1701 Nimbus Road
Rancho Cordova, CA 95670

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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.

TRWC will be releasing 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 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 set 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

The lead for the project is Truckee River Watershed Council (TRWC). The project partner is the California Department of Fish and Wildlife (CDFW).

Purpose. The purpose of the Boca Unit restoration project is designed to directly benefit 11 acres of floodplain and riparian habitat on the main stem of the Truckee River and indirectly benefit 4 acres of adjacent upland habitat. The project entails grading and fill placement, biotechnical bank treatment, construction of buried grade control structures and a stormwater basin, cobble armoring, road decommissioning, trail improvement and revegetation. Project work will start August 1, 2023.

Location. The Project takes place on state-owned land managed by CDFW at the Boca Unit of the Truckee River Wildlife Area. It is located on the main stem of the Truckee River adjacent to I-80 six miles east of Truckee, CA in Nevada County. The site is also known as the CDFW Loop, River Bend, or Horner's Corner. The Project site was designated a wildlife area in 1996 to preserve the trout fishery and access to the river. Access is via a gravel parking area adjacent to I-80 eastbound about three miles past the Overland Trail exit.

Project Overview. The project was identified for restoration through the Truckee River Revitalization Assessment (Att. 3). The Boca Unit contains an historic railroad spur from the 1870s that runs parallel to the river. The railroad spur disconnected approximately 11 acres of floodplain and confined the river to a straight channel, exacerbating erosion and impacting habitat. Modern use has included fishing, rafting, and camping. Multiple roads and trails compact soils and limit vegetation growth producing direct sediment loads to the Truckee River. Runoff from the adjacent I-80 conveys stormwater and additional sediment to the Truckee River.

The goal of the Boca Unit project is to restore and enhance 11 acres of floodplain, improve hydrologic function, restore riparian habitat, and improve water quality, all of which promote greater climate change resiliency and adaptive capacity in this headwater system.

This goal will be met through the following objectives:

- Create a ½ acre inset floodplain bench that is activated under a 2-year or greater event by removing approximately 350 ft of the railroad spur.
- Re-engage and stabilize 2,500 feet of original high-flow channels, incorporating roughness features, buried grade control and armored flow outlets.
- Restore natural hillslope to upper terrace.
- Convert a former borrow site to a 3,300 square foot stormwater basin to collect and treat stormwater from the highway and parking areas.
- Maintain and enhance sustainable recreational opportunities by creating approximately 500 feet of new trail and converting 900 feet of former road to trail.
- Decommission 3,500 feet of unused roads beyond the main parking area and 0.75-acre unused parking.

Schedule. Construction is scheduled to start August 1, 2023 and be completed by October 1, 2023. Construction is anticipated to take 6-8 weeks

Work. Attachment 1 contains the 100% Design Plans for the Boca Unit Restoration. The Design Basis Memo is included as Attachment 2.

Implementation actions generally include:

- Install and maintain Best Management Practices;
- Establish staging area and access roads;
- Install Dewatering and Diversion System, if needed;
- Salvage and stockpile any vegetation from construction areas;

- Grade inset floodplain bench, tying into existing W-weirs;
- Using material generated from grading, restore natural hillslope to terrace and fill the former borrow site to create a stormwater basin including a spillway and outflow swale;
- Stabilize activated floodplain channels with buried grade control structures and cobble armor in northernmost channel;
- Install roughness features and complete other handwork in smaller overflow channels at the apex of the oxbow;
- Decommission roads and complete trail work;
- Site revegetation and biotechnical bank stabilization; and
- Demobilization.

It is anticipated that all materials will be generated on-site.

Refer to Attachment 1 for construction details, typicals of project features, staging, access, etc.

California Conservation Corps and Revegetation. The California Conservation Corps (CCC) or California Association of Local Conservation Corps (CALCC) will complete some of the revegetation activities included in Attachments 1. Specifically, the CCC/CALCC will plant salvaged willow, alder, and chokecherry, apply seed mix type 1, mulching, and slash.

Stream diversion/dewatering. Most construction activity will take place between July and August when base flows will be at their lowest. It is anticipated that project site will be mostly dry during construction. However, localized water may be encountered when installing the buried grade control structures and cobble armor. Some dewatering may be necessary to ensure water quality protection.

The contractor shall provide a Dewatering and Diversion Plan (DDP) three weeks prior to construction when site conditions are known. The DDP shall include descriptions of the installation and decommissioning sequences of the dewatering system components, how accumulated water in the work areas (groundwater seepage, stormwater or leakage) will be accommodated, and energy dissipation and sediment control structure at the discharge point.

Traffic Control. Portions of work may encroach into Right of Way of the California Department of Transportation (Caltrans) and require an Encroachment Permit. TRWC will obtain the "Parent Permit" and the contractor is responsible for the "Double-Permit".

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

- CEQA Statutory Exemption for Restoration Project Letter of Concurrence for the Boca Unit Floodplain Restoration;
- 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;
- California Dept. of Fish and Wildlife Section 1602 Streambed Alteration Agreement; and
- California Department of Transportation Encroachment Permit

The CEQA document and Stormwater Prevention Plan are included in this bid package (Att. 4 and 5). Other permits will be made available to the selected contractor.

Construction Oversight. Work will be observed by the Engineer, Engineer's Representative or Restoration Specialist. All parts of this project, including site preparation, earthwork, structure construction, and revegetation are subject to field design or refinement by the Engineer or Engineer's Representative, according to field conditions.

Expected Project Schedule

Task	Date
On-site pre-bid meeting (mandatory)	September 12, 2022
Deadline for requests for additional information	September 14, 2022
Response to requests for additional information	September 16, 2022
Bids due	September 21, 2022
Interviews	September 29, 2022
Contract award	October 7, 2022
Construction start	August 1, 2023
Construction completion	October 1, 2023
Warranty period completion	October 31, 2024

B. 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 areas shown on the Design Plans (Att. 1). Any proposed deviations from these areas must be approved by TRWC.

Traffic Control Plan. The Contractor shall be responsible for compliance with the Caltrans Encroachment Permit, including all traffic control requirements and submittals necessary.

The project site is an actively used recreation area. In order to ensure public safety, the contractor shall submit a Recreational Traffic and Safety Control Plan a minimum of 14 days prior to construction to TRWA and CDFW for review and approval.

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-bid meeting (Section C, below).

C. MANDATORY PRE-BID MEETING

A **mandatory** pre-bid meeting will be held on-site, Monday, September 12, 2022. The pre-bid meeting will be from 9-11 AM. Attendance at the pre-bid meeting is a prerequisite for submitting a bid.

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 Michele Prestowitz at mprestowitz@truckeeriverwc.org by NOON September 14, 2022.

Responses will be sent by Friday, September 16, 2022 via e-mail to all participants in the pre-bid meeting, posted at www.truckeeriverwc.org in the "News" section, and emailed in our weekly E-Currents newsletter.

E. BID SUBMISSION AND FORMAT

Bids must be received by NOON on Wednesday, September 21, 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: mprestowitz@truckeeriverwc.org.

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, earthwork, revegetation/site stabilization, and invasive weed control.
- Proposed project schedule
- Cost prepared on attached Bid Sheet (Attachment 6)
- 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

Bids packages are limited to 40 pages, including all attachments.

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 floodplain restoration projects as prime

contractor in the past ten years. Example projects must demonstrate working in sensitive wetland areas, floodplain restoration, biotechnical bank treatment, construction of buried grade control structures, road decommissioning, trail improvement 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 floodplain restoration, grade control structures, and revegetation.
3. State of California Class A General Engineering Contractor's license and Class C-27 Landscaping Contractor's license, both 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 five (5) 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 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, the Truckee Donner Land Trust, and 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 Nevada County will apply.

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

I. ATTACHMENTS

- Attachment 1. [Boca Unit Restoration 100% Design Plans](#)
- Attachment 2. [Boca Unit Restoration 90% Design Basis Memorandum](#)
- Attachment 3. [Truckee River Revitalization Assessment](#)
- Attachment 4. [Boca Unit Floodplain Restoration CEQA Statutory Exemption for Restoration Projects](#)
- Attachment 5. [Truckee River Wildlife Area - Boca Restoration SWPPP](#)
- Attachment 6. [Boca Unit Restoration Bid Sheet](#)