



REQUEST FOR PROPOSALS

AND

STATEMENT OF QUALIFICATIONS:

LAKE GEORGE DIVERSION STRUCTURE REMOVAL

BACKGROUND:

A diversion structure is located at the mouth of Eleven-Mile Canyon (approximately 1.1 miles south of Lake George, CO on Park County Road 96). This structure was constructed in the 1950s and originally served as a diversion dam for Colorado Springs Utilities. However, Colorado Springs Utilities ceased using the diversion in the early 1990s based on changes to their overall water infrastructure. The diversion no longer serves a purpose and today acts as a barrier to efficient passage of aquatic species and an impediment to efficient riparian habitat function. In the 2015 Roads to Rivers study completed by Coalition for the Upper South Platte (CUSP), the diversion was identified as being beneficial to remove. CUSP along with its partners and key stakeholders: The Forest Service (FS), Colorado Springs Utilities (CSU), Colorado Trout Unlimited (TU) and Park County, are working towards the removal of the diversion structure and improving the river corridor to a natural channel design. The National Environmental Policy Act (NEPA) process has been completed by the FS and a 70% design has been completed by Jacobs Engineering Group, Inc. (Jacobs). The 70% design has been presented to stakeholders and funding has been secured to complete the final design process. Funding for the removal of the structure is being sought through grants, fundraising and agency allocations. Anticipated construction is estimated to occur in the fall of 2023.



Figure 1 Diversion Structure

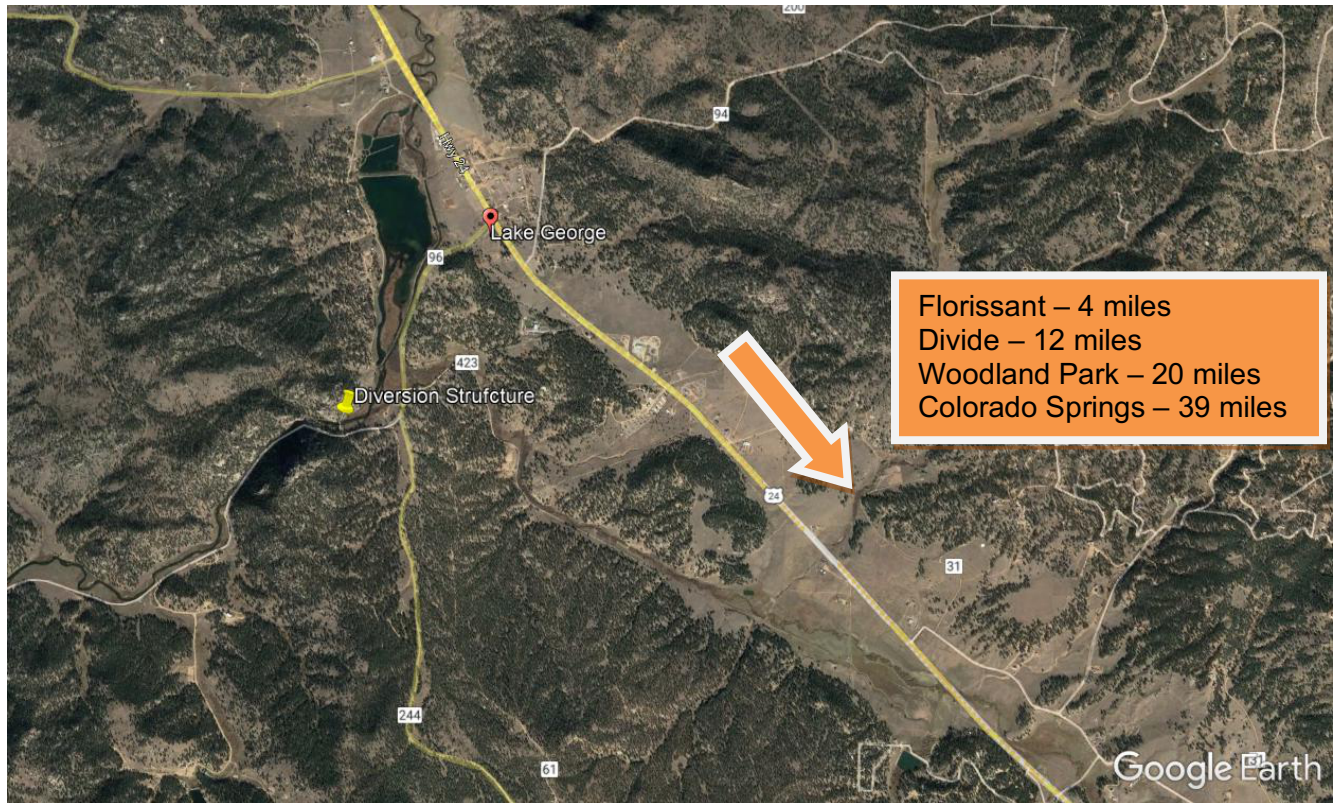


Figure 2 Vicinity Map

RFP GOAL

Select a construction contractor to consult and advise during the design phase with the Lake George Diversion Structure Removal project partners and Design Team. The intent is to bring on a contractor as part of the design team and then if the contractor's Construction Cost Estimates are within reason (as determined by the project partners and Design Team), that contractor will be awarded the contract for construction of the diversion structure removal, sediment removal, natural channel design features, and other project components.

PROJECT GOALS:

1. Remove the diversion dam and appurtenances. Excavated earthen material will be hauled to nearby fill areas. Non-earthen material will be disposed of off-site.
2. Improve aquatic species passage.
3. Minimize erosion and sedimentation. Improve sediment transport and hydro-geomorphic function.
4. Improve riparian function and resilience.
5. Improve parking and public access to the river.
6. Improve natural channel design features to the extent possible.

PROJECT REACH:

The entire reach is approximately 1,200 feet. The upper project limit is a bedrock feature on the South Platte River that will serve as grade control moving upstream. The lower project limit is the FS boundary as the river flows into private land. See the attached *Coalition for the Upper South Platte 11-Mile Canyon Diversion Dam Removal, Lake George, Colorado, 70% Drawings, October, 2020* by Jacobs.



Figure 3 Diversion Structure Location

SCOPE OF SERVICES:

The selected contractor will collaborate as a design team member to provide input on the following items:

- Advise during the planning process about specific construction concerns and issues to ensure that the final design addresses all the identified goals
- Review the original as-built drawings and ongoing design drawings related to the diversion structure, foundation components, and all associated diversion structure appurtenances such as pipelines, spillways, gates, sheet pile, etc. to determine a feasible method of removal and disposal
- Advise on a preferred method for water control during construction, and the phasing of water control features as needed.
- Demonstrate an understanding of concerns with regard to stored sediment behind the dam in preparation of removal of such sediment and transport to nearby fill sites
- Provide input on different options and scenarios that detail how the existing structure should be removed
- Collaborate in the development of site access and staging areas
- Advise on methods of sediment containment and control to limit sediment flowing downstream outside of the construction area
- Provide construction cost estimates at the Draft 95% Design and Final 95% Design stages as laid out in bid sheets provided by Jacobs
- Advise on a construction schedule meeting the project constraints including flow releases, planting/revegetation windows, and raptor nest constraints. Parameters related to these constraints will be provided by the project partners
- Provide expected timelines for project implementation, including sequence of construction
- Advise on road access requirements for the project and the proposed plan for reclaiming construction roads and staging areas
- Advise how contractor will proceed with stream and wetland rehabilitation for the reach.
- Participate in up to 12 design team meetings for input into the final design including up to 4 on site meetings.
- May be asked to attend meetings with the Park County Board of County Commissioners and/or potential funders

PROPOSAL – SECTION A – GENERAL

The primary contractor, and subcontractors if used, shall each provide the following:

1. Name of the Construction Company
2. Primary point of contact, including name, title, email, address, and phone number(s) for each construction company
3. List the project manager and on-site superintendent(s). Include resumes for both. Define their roles and responsibilities, and if the manager for demolition and natural channel construction will be different people.
4. Years established and detailed history.
5. Present size of the Construction Company, including assets, and number of employees (part time and full time).
6. All proposals must be signed by an authorized representative of each company.
7. Define which services are provided by the primary contractor and each subcontractor.
8. Provide an estimate of the construction work that will be performed by the primary contractor versus subcontractors. The primary contractor shall perform a minimum 50% of the project based on the anticipated construction costs.

PROPOSAL - SECTION B-QUALIFICATIONS

- List at least two similar demolition projects and two similar natural channel construction projects that have been constructed within the last 10 years including name of project, purpose of project, location of project, original bid estimate, final construction cost, contracting agency/company, and reference for each project (agency/company, name, email, and phone number). Add photos – up to 2 pages of photos or reports or links to pertinent photos and reports. If contractor has not removed an in-stream diversion structure, list the two most applicable demolition-related projects for reference
- Provide a reference list (minimum five clients) of the contractor's work, including key contacts with phone numbers, approximate budgets and other pertinent information. The references for the similar projects above can be included here, but five different references shall be provided
- Provide information on your qualifications for water control for the duration of construction, including control of the river flows, groundwater, and sediment on a river of similar size
- Provide your proposed approach for demolition of the structure, equipment to be used, and phasing
- Provide your proposed approach for construction of the natural channel design and features including erosion control, grading, and revegetation

PROPOSAL - SECTION C-FINANCIAL & WORK PLAN

1. Provide an hourly rate schedule for key staff members who will participate in the design process (name, title/role, and hourly rate).
2. Provide a Construction Cost Estimate for the project, based on the attached *Coalition for the Upper South Platte 11-Mile Canyon Diversion Dam Removal, Lake George, Colorado, 70% Drawings, October, 2020* by Jacobs and the attached Bid Form. The following assumptions can be used for the Cost Estimate:
 - Construction is anticipated to occur between July 2023 and November 2023, but contractor's Construction Cost Estimate shall be based on today's current 2022 unit prices. The selected contractor will be allowed to update unit prices if needed as the

- project progresses into 2023.
 - River flows will be reduced to 65 cubic feet per second (cfs) for the duration of construction.
 - Blasting of the structure with explosives will likely not be allowed. Contractor's Construction Cost Estimate shall assume **no blasting**. If the contractor feels blasting is the most cost-effective method for demolition, please state that in a brief summary and provide the estimated cost savings.
 - Contractor shall determine construction means and methods, construction phasing, demolition approaches (no blasting allowed), water control approach, and related items. If the proposed approaches differ from those shown in the 70% Drawings, provide a brief summary of the proposed differences.
3. Primary contractor and each subcontractor shall fully answer the following questions:
- a. Have you ever failed in business or compromised with creditors?
 - b. Have you or your subcontractors ever failed to fulfill the requirements of a contract?
 - c. Have any liens ever been filed against any of your work?
 - d. Are there any judgments, suits or claims pending against you?
 - e. Are you eligible to work on federal projects (registered at SAM.gov, do not owe taxes, etc.)?

SUBMISSION OF PROPOSALS:

- All proposals must be submitted electronically through the Rocky Mountain E-Purchase System at: bidnetdirect.com by close of business (COB) on June 22, 2022.
- Questions may be submitted in writing to cusp@cusp.ws. Please write Diversion Project in the subject line. Questions must be received by June 10, 2022 and will be answered in writing.

EVALUATION CRITERIA:

- Past experience with similar projects (30%): Overall past experience of contractor with dam removal (or similar demolition) and stream restoration projects and the specific requirements outlined in this RFP.
- Qualifications (30%): Qualifications of the contractor and personnel assigned, including areas of expertise, technical capability and supporting references.
- Proposed Work Approaches for implementation (25%): The technical quality and composition of the proposed work approaches that demonstrate an understanding of the project and your expertise.
- Construction Cost Estimate (15%): Based on the attached *Coalition for the Upper South Platte 11-Mile Canyon Diversion Dam Removal, Lake George, Colorado, 70% Drawings, October, 2020* by Jacobs and the attached Bid Form. The hourly rate schedule for design involvement will also be taken into consideration.

SELECTION PROCESS:

CUSP reserves the right to select a contractor without interviews. CUSP also reserves the right to not award a contract. Selection will be based on who CUSP and the project partners feel is the best qualified for this project (technical ability, experience, Construction Cost Estimate, etc.). The evaluation criteria and scores will only be used as a guide for the selection, and the scores will not be provided to the submitting contractors or made public. If CUSP feels a need for an interview, those may be scheduled with qualified contractors in June or July 2022.