

Statement of Work

WATER ACTIVITY NAME – Relief Ditch Diversion Dam

GRANT RECIPIENT – Gunnison Gorge Anglers-Trout Unlimited

FUNDING SOURCE -

INTRODUCTION AND BACKGROUND

Provide a brief description of the project. (Please limit to no more than 200 words; this will be used to inform reviewers and the public about your proposal)

Develop a design acceptable to the Relief Ditch board of directors to construct a sustainable diversion structure.

OBJECTIVES

Design a diversion structure that will:

- Provide the full allowable amount of water to the Relief Ditch
- Stabilize riverbed and riparian areas
- Allow fish passage
- Allow safe boater passage

TASKS

Provide a detailed description of each task using the following format

Task 1. Identify the legal point of diversion with a legal survey.

Completion : Complete Cost: \$4,000

Task 2. Survey multiple cross sections across the river to identify the existing channel thalweg and prepare for a hydraulic analysis. Cross sections will be plotted in an AutoCad format.

Completion: Complete Cost: \$6000

Task 3. Develop an existing and proposed conditions hydraulic model of the area a minimum of 500 feet up and downstream of the diversion using HEC-RAS.

Completion: Complete Cost: \$8000

Task 4. Design three alternatives for a sustainable and cost effective irrigation diversion that allows for a full decree of water into the ditch and is safe for recreational boats and removes impediments to fish passage.

Completion: Complete Cost: \$16,000

Task 5. Develop a fourth alternative collaboratively with the U. S. Bureau of Land Management that addresses right of way and staging concerns.

Completion: November 15, 2011 Cost: \$6,900

Task 6. Conduct review of proposed project by independent engineering firm.

Completion: December 31, 2011

Cost: \$10,650

Task 7. Get approval from the Relief Ditch Board of directors for approved alternative through a series of meetings and send recommended design to ACOE.

Completion: November 30, 2011

Cost: \$600 TU funded

Task 8. Develop cost estimates, construction schedules, material locations and bid packages and submit final report.

Completion: December 31, 2011

Cost: \$4,000 TU funded

Task 9. Project coordination and administration

Completion: Ongoing

Cost: \$3,100

REPORTING AND FINAL DELIVERABLE

Reporting: The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of the executed contract. The progress report shall describe the completion or partial completion of the tasks identified in the statement of work including a description of any major issues that have occurred and any corrective action taken to address these issues.

Final Deliverable: At completion of the project, the applicant shall provide the CWCB a final report that summarizes the project and documents how the project was completed. This report may contain photographs, summaries of meetings and engineering reports/designs.