

Exhibit A

Scope of Work

WATER ACTIVITY NAME – Plaza Planning Project

GRANT RECIPIENT – Colorado Rio Grande Restoration Foundation

FUNDING SOURCE – Rio Grande Inter-Basin Roundtable

INTRODUCTION AND BACKGROUND

The Plaza Planning Project (Planning Project) will be administered through a partnership between the Board of Directors of the McDonald Ditch Company (McDD) and the Colorado Rio Grande Restoration Foundation (the Foundation). The Foundation is the fiscal agent for the Rio Grande Headwaters Restoration Project (RGHRP). This collaboration is herein referred to as the Partnership. The Planning Project Coordinator will be a representative of the Partnership. Conducted as a scoping and feasibility study, the Planning Project will gather stakeholders and analyze options available to meet the needs of the ditch companies and landowners in the area, while improving the condition and function of the riparian areas, bends, and main channel of the Rio Grande in this reach. The Planning Project will produce the Plaza Plan for implementation in Phase II, which may include replacing headgates, integrating micro-hydro power, restoring riparian areas, and stabilizing the main channel.

The Partnership has obtained \$40,000 from the Rio Grande Inter-basin Roundtable to conduct the Planning Project. These funds will be used to hire the Project Coordinator (Coordinator), to compensate RGHRP for its labor and direct costs, and to contract geomorphic and micro-hydropower engineering expertise, as needed. Working for the Partnership, the Coordinator will organize the collaboration of stakeholders and facilitate communication between a diverse mix of governmental and community entities. The Coordinator will help to create “The Plaza Stakeholders” as a vital advisory arm to the Partnership, enabling the Planning Project to meet multiple objectives and to address the diverse consumptive and nonconsumptive needs in the 2.8 mile reach of the Rio Grande which is the focus of the Planning Project.

Through the Plaza Planning Project, the Coordinator will facilitate the following Tasks and, in collaboration with the Partnership, will oversee creation of the Plaza Plan, which will include the final design and implementation plan for the McDD Diversion and preliminary designs for the other defined elements. The Plaza Plan will address multiple objectives outlined in the RGHRP 2001 Study and pursue funding for Phase II, ensuring the long-term capability to monitor and administer these projects.

PLANNING PROJECT GOAL, OBJECTIVES, AND TASKS

Plaza Planning Project Goal – Identify causes of degradation and appropriate Improvements to the function of the Rio Grande in the Sevenmile Plaza area in Rio Grande County, Colorado. Potential improvements may include replacing aging diversion structures, stabilizing streambanks, promoting riparian revegetation, rehabilitating a nearby damaged wetland, and installing low-head micro hydro facilities. These efforts will result in increased water use efficiency, improved water quality, reduced erosion, increased sediment transport capacity, increased quality of riparian areas and habitat, and proper functioning floodplains.

Objective 1: Create the Plaza Project Stakeholders (Plaza Stakeholders) to advise the Partnership. The Plaza Stakeholders will make strategic planning decisions by meeting monthly to review and discuss intermediate Planning Project deliverables at key Project milestones. There will be a special focus on wetlands, habitat, and the need to address nonconsumptive needs.

Task 1: Notice to Commence & Coordination of Stakeholders

Once the Foundation has the Contract with the Colorado Water Conservation Board (CWCB) in place, the RGHRP and Coordinator will identify, contact and recruit Plaza Stakeholders. The Coordinator will organize the first of at least five monthly meetings of the Plaza Stakeholders. Through the meetings, the stakeholders will identify sites of concern and potential remediation actions. Additionally, the Coordinator will work with the NRCS, Partnership, GIS/GPS specialists and others to create pertinent maps and photos. The Coordinator will then create a web-based password-accessed collaborative editing/working resource/tool.

Objective 2: Increase Stakeholder familiarity with the Project Area by organizing a site tour and information meetings.

TASK 2: Situation Analysis

The Plaza Stakeholders will become familiar with the 2.8-mile reach of the Rio Grande in the Sevenmile Plaza area through several information meetings and site visits. The Coordinator will organize a field day for Plaza Stakeholders to walk the area and discuss the issues. The Coordinator will assist the Partnership in communicating the Plaza Planning Process to the public through various channels and will write and distribute press releases. All planned media material, press releases, and/or events will be reviewed by the Partnership prior to publication or dissemination.

Objective 3: Analyze interactions between the project elements and formulate potential alternatives for each element.

TASK 3: Project Element Evaluation

The Coordinator will facilitate the preparations for the McDD Diversion replacement project, including design, engineering, and funding options. After Task 3, the Plaza Planning Project will have analyzed the different elements and reviewed potential best management practices to restore the historical functions of the river in this reach. The

Coordinator will use an interactive approach with Plaza Stakeholders and communicate regularly with the general public.

Objective 4: Determine the most effective and suitable alternative for McDonald Ditch Diversion replacement.

TASK 4: McDD Diversion – Selection of Alternative

Plaza Stakeholders will perform a cost/benefit analysis of alternative design options for McDD Diversion through which the most feasible alternative for the McDD Diversion will be selected. The Coordinator will secure the commitment of the Board of Directors of McDD to this alternative, prepare a timeline and preliminary budget for the Phase II - McDonald Diversion Replacement Project, and create the first draft of the McDD Diversion Restoration Plan.

Objective 5: Produce the final design and construction cost estimate for the McDD Diversion alternative.

TASK 5: McDD Final Design

The final McDD design and construction cost estimate will be produced in Task 5. The NRCS will deliver the final design and cost estimate for the McDD Diversion to the Partnership. Final design and cost estimates for the McDD will address the multiple objectives to be achieved in the river corridor as listed in the 2001 Study and will take into account the future planning needs of neighboring project elements.

Objective 6: Develop a bid to be distributed to contractors for the McDD Diversion Replacement.

TASK 6: Preparation for Implementation of McDD Diversion Replacement Project

If requested, the Coordinator will assist in the identification of potential contractors for the McDD Diversion replacement project. The Foundation, RGHRP, and Coordinator will continue to identify potential funding sources.

Objective 7: Determine the most effective and suitable alternatives to address the multiple elements identified.

TASK 7: Preliminary Design Development – Other Project Element

The Coordinator will assist the Partnership in conducting a cost/benefit analyses for alternative options for the Silva, Atencio, and Prairie diversions as well as for other identified elements (bends, wetlands, etc.) in this reach of the river. The Coordinator will schedule and organize Plaza Stakeholder meetings to determine the desired alternatives for each element of the project. The Plaza Stakeholders, the Partnership, and the respective ditch companies will agree upon the desired alternative for each element.

Objective 8: Prepare for final design and implementation of the alternatives selected to be included in the Plaza Plan.

TASK 8: Strategy for Final Design and Implementation of the Plaza Plan

Plaza Stakeholders will prioritize the elements of the Plaza Plan, which are to be implemented in Phase II. The Coordinator and RGHRP will identify potential funding and

additional resources to support the engineering work of NRCS toward finalizing designs and cost estimates. The Coordinator and RGHRP will collaborate to submit proposals accordingly. The Coordinator will write the proposed implementation plan for all elements of the Plaza Plan.

Objective 9: Complete Final Reporting to be submitted to CWCB and to the Partnership.

TASK 9: Final Reporting

The Partnership will submit its Final Report for the Plaza Planning Project to CWCB. The Coordinator will organize records, correspondence, contracts, and financial records, making sure that all grant applications and internal/external reports are submitted in an accurate and timely way. The Coordinator will assist in submitting to CWCB the Plaza Planning Project's final report summarizing the Planning Project. The Plaza Plan will present the selected alternatives to be implemented in Phase II and document how the proposed implementation plan for Phase II was completed. This report will include photographs, summaries of meetings, and engineering reports/designs.

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 scope 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.

TABLE 1: PLAZA PLANNING PROJECT BUDGET		
Mc Donald Ditch - Contribution	\$4,100.00	
Other Diversions' Contribution	\$3,000.00	
Project Coordinator - 5 months	\$17,100.00	
RGHRP Admin / Liaison / Direct - 5 months	\$12,700.00	
Foundation Accounting	\$200.00	
Geomorphic Engineer - 3rd Party	\$5,000.00	
Micro - Hydro Power Engineer - 3rd. Party	\$5,000.00	
Engineering - NRCS	\$36,200.00	
State/Federal Agencies & Volunteers: In-Kind	\$6,700.00	
PLAZA PLANNING PROJECT TOTAL COST		\$90,000.00
SOURCES OF FUNDS		
Mc Donald Ditch - Contribution	\$4,100.00	
Other Diversions' Contribution	\$3,000.00	
Engineering - NRCS - In-Kind	\$36,200.00	
State/Federal Agencies & Volunteers - In -Kind	\$6,700.00	
Total Cash & In-Kind Contributions		\$ 50,000.00 (55%)
Required Cash Funds		
Project Coordinator - 5 months	\$17,100.00	
RGHRP Admin / Liaison - 5 months	\$12,200.00	
Foundation Accounting	\$200.00	
Geomorphic Engineer - 3rd Party	\$5,000.00	
Micro - Hydro Engineer - 3rd. Party	\$5,000.00	
Administration Direct Costs	\$500.00	
WSRA - BASIN FUNDS REQUESTED		\$ 40,000.00 (44%)
PLAZA PLANNING PROJECT TOTAL COST		\$90,000.00

Table 2: Allocation of Hours and Expenses for Plaza Planning Project									
	April	May	June	July	August	September	October	November	TOTAL
Project Coordinator (\$28.50/hr)	\$ 2,850.00	\$ 2,850.00	\$ 2,850.00	\$ 2,850.00	\$ 2,850.00	\$ 1,020.00	\$ 920.00	\$ 910.00	\$ 17,100.00
RGHRP Director / Staff (\$32.50/hr)	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 750.00	\$ 750.00	\$ 700.00	\$ 12,200.00
Foundation Accounting (\$200/8)	\$ 25.00	\$ 25.00	\$ 25.00	\$ 25.00	\$ 25.00	\$ 25.00	\$ 25.00	\$ 25.00	\$ 200.00
Engineers (\$100/hr)	\$ -	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000.00
Office Expenses (phone, copies, etc.)	\$ 75.00	\$ 75.00	\$ 75.00	\$ 75.00	\$ 75.00	\$ 45.00	\$ 40.00	\$ 40.00	\$ 500.00
TOTAL / Month	\$ 4,950.00	\$ 9,950.00	\$ 9,950.00	\$ 4,950.00	\$ 4,950.00	\$ 1,840.00	\$ 1,735.00	\$ 1,675.00	
TOTAL	\$40,000.00								

TABLE 3: PLAZA PLANNING PROJECT MILESTONE TABLE								
Months From Award of Funding	April	May	June	July	August	September	October	November
Task								
Task 1: Coordination of Stakeholders	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■
Task 2: Situation Analysis	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■
Task 3: Project Element Evaluation	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■
Task 4: McDonald Ditch Diversion - Selection of Alternative	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■
Task 5: McDonald Ditch Final Design	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■
Task 6: Preparation for Implementation of Phase II - McDD Project	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■
Task 7: Preliminary Design Development - Other Project Elements	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■
Task 8: Strategy for Final Design and Implementation of Other Project Elements	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■
Task 9: Final Reporting	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■

PAYMENT

Payment will be made based on actual expenditures and invoicing by the water activity sponsor. The request for payment must include a description of the work accomplished by major task, and estimate of the percent completion for individual tasks and the entire water activity in relation to the percentage of budget spent, identification of any major issues and proposed or implemented corrective actions. The last 5 percent of the entire water activity budget will be withheld until final project/water activity documentation is completed.

All products, data and information developed as a result of this grant must be provided to CWCB in hard copy and electronic format as part of the project documentation.