



Colorado Water Conservation Board

Water Supply Reserve Fund - Basin

Water Project Summary

Name of Applicant	La Plata Water Conservancy District	
Name of Water Project		
Basin Account Request Subtotal		\$22,500.00
Applicant Cash Match		\$7,500.00
Applicant In-Kind Match		\$0.00
Basin Requests		
Sources of Funding		

Grant Details

Water Project Justification

Applicant & Grantee Information

Name of Grantee: La Plata Water Conservancy District
 Mailing Address: PO Box 71 Marvel CO 81329-0071

Organization Contact: Robin Walsh
 Position/Title: Bookkeeper Email: lpwcd99@gmail.com
 Phone: (970) 238-1001

Organization Contact - Alternate: Robin Walsh
 Position/Title: Bookkeeper Email: lpwcd99@gmail.com
 Phone: (970) 238-1001

Grant Management Contact: Robin Walsh
 Position/Title: Bookkeeper Email: lpwcd99@gmail.com
 Phone: (970) 238-1001

Agency Information

Agency Type District
 Current Assessment
 Number of Shareholders or Customers
 Number of Shares
 Number of Taps
 Average Monthly Water Bill
 Annual Water Delivery (acre-feet)

Description of Grantee/Applicant

Conservancy District for La Plata River

Location of Water Project

Latitude 0.000000
Longitude 0.000000
Lat Long Flag
Water Source
Basins
Counties
Districts

Water Project Overview


Major Water Use Type
Type of Water Project
Scheduled Start Date - Design 12/23/2024
Scheduled Start Date - Construction 12/23/2024
Description

Measurable Results

0 New Storage Created (acre-feet)
0 New Annual Water Supplies Developed or Conserved (acre-feet), Consumptive or Nonconsumptive
0 Existing Storage Preserved or Enhanced (acre-feet)
0 New Storage Created (acre-feet)
0 Length of Stream Restored or Protected (linear feet)
0.00 Length of Pipe, Canal Built or Improved (linear feet)
\$0 Efficiency Savings (dollars/year)
0 Efficiency Savings (acre-feet/year)
0 Area of Restored or Preserved Habitat (acres)
0 Quantity of Water Shared through Alternative Transfer Mechanisms or water sharing agreement (acre-feet)
0 Number of Coloradans Impacted by Incorporating Water-Saving Actions into Land Use Planning
0 Number of Coloradans Impacted by Engagement Activity
Other
No additional measurable results provided



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 COLORADO Colorado Water Conservation Board Department of Natural Resources		<u>Colorado Water Conservation Board</u>
Water Supply Reserve Fund		
<u>Exhibit A - Statement of Work</u>		
Date:	01/15/25	
Water Activity Name:	BKT Outlet Works Measurement Replacement	
Grant Recipient:	La Plata Water Conservation District	
Funding Source:	Southwest Basin Roundtable	
<p>Water Activity Overview: (Please provide brief description of the proposed water activity (no more than 200 words). Include a description of the overall water activity and specifically what the WSRF funding will be used for. (PLEASE DEFINE ALL ACRONYMS).)</p> <p>The measurement devises that were installed at the time of construction have never worked to the satisfaction for the adjustment of water outflow. They would never settle on the set amount of water to be released from Bobby K Taylor (BKT) reservoir, therefore it was adjusting 24 hours a day and wore out a gearbox and 2 motors by being in constant back and forth motion. These flow meters that we are installing were demonstrated to be what are needed for instant water flow and settling of the valves on both, a 16 inch and a 42 inch outlet pipes.</p> <p>The funding will be used for the purchase of a 16 inch single probe Prosonic flow meter and the purchase of a 42 inch dual probe Prosonic flow meter, the installation of the probes, and calibrating and setting up for remote control.</p>		
<p>Objectives: (List the objectives of the project. (PLEASE DEFINE ACRONYMS).)</p> <p>The objectives are to get a more accurate control of the outlet valves to stop the wear and tear on the equipment and be able to release a consistent and required amount of water for the New Mexico Compact, which is dictated by the Colorado Division of Water Resources. Also water is released in the winter months for the endangered fish in the La Plata River below BKT. This will also help eliminate over releases to benefit the irrigators who benefit from the reservoir by exchange.</p>		



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Tasks	
Provide a detailed description of each task using the following format: (PLEASE DEFINE ACRONYMS)	
<u>Task 1 – (Name) Purchase and install replacement devices.</u>	
Description of Task:	
Purchase and schedule the installation of the measurement devices from Browns Hill Engineering Calibration will be done at the same time.	
Method/Procedure:	
Contact Browns Hill sign the bid and contract.	
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)	
A better control of the outlet works at BKT.	
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)	
An inspection and provide the documentation that the work is complete.	



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Tasks

Provide a detailed description of each task using the following format: (PLEASE DEFINE ACRONYMS)

Task 2 - (Name)

Description of Task:

Method/Procedure:

Grantee Deliverable: (Describe the deliverable the grantee expects from this task)

CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)

Repeat for Task 3, Task 4, Task 5, etc.



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Budget and Schedule

Exhibit B - Budget and Schedule: This Statement of Work shall be accompanied by a combined Budget and Schedule that reflects the Tasks identified in the Statement of Work and shall be submitted to CWCB in excel format. A separate excel formatted Budget is required for engineering costs to include rate and unit costs.

Reporting Requirements

Progress Reports: The grantee shall provide the CWCB a progress report every 6 months, beginning from the date of issuance of a purchase order, or the execution of a contract. The progress report shall describe the status 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. The CWCB may withhold reimbursement until satisfactory progress reports have been submitted.

Final Report: At completion of the project, the grantee shall provide the CWCB a Final Report on the grantee's letterhead that:

- Summarizes the project and how the project was completed.
- Describes any obstacles encountered, and how these obstacles were overcome.
- Confirms that all matching commitments have been fulfilled.
- Includes photographs, summaries of meetings and engineering reports/designs.

Payments

Payment will be made based on actual expenditures, must include invoices for all work completed and must be on grantee's letterhead. The request for payment must include a description of the work accomplished by task, an estimate of the percent completion for individual tasks and the entire Project in relation to the percentage of budget spent, identification of any major issues, and proposed or implemented corrective actions.

The CWCB will pay the last 10% of the entire water activity budget when the Final Report is completed to the satisfaction of CWCB staff. Once the Final Report has been accepted, and final payment has been issued, the water activity and purchase order or contract will be closed without any further payment. Any entity that fails to complete a satisfactory Final Report and submit to CWCB within 90 days of the expiration of a purchase order or contract may be denied consideration for future funding of any type from CWCB.

Performance Requirements

Performance measures for this contract shall include the following:

(a) Performance standards and evaluation: Grantee will produce detailed deliverables for each task as specified. Grantee shall maintain receipts for all project expenses and documentation of the minimum in-kind contributions (if applicable) per the budget in Exhibit B. Per Grant Guidelines, the CWCB will pay out the last 10% of the budget when the final deliverable is completed to the satisfaction of CWCB staff. Once the final deliverable has been accepted, and final payment has been issued, the purchase order or grant will be closed without any further payment.

(b) Accountability: Per the Grant Guidelines full documentation of project progress must be submitted with each invoice for reimbursement. Grantee must confirm that all grant conditions have been complied with on each invoice. In addition, per the Grant Guidelines, Progress Reports must be submitted at least once every 6 months. A Final Report must be submitted and approved before final project payment.

(c) Monitoring Requirements: Grantee is responsible for ongoing monitoring of project progress per Exhibit A. Progress shall be detailed in each invoice and in each Progress Report, as detailed above. Additional inspections or field consultations will be arranged as may be necessary.

(d) Noncompliance Resolution: Payment will be withheld if grantee is not current on all grant conditions. Flagrant disregard for grant conditions will result in a stop work order and cancellation of the Grant Agreement.



BROWNS HILL ENGINEERING & CONTROLS

8130 Shaffer Parkway, Unit A
Littleton, CO 80127
PHONE: 720-344-7771
FAX: 720-344-7460

Service Quote

Client: La Plata WCD- Long Hollow Dam
Project: Clamp On Flow Meters

Browns Hill Job #: 24-364 SQ01 REV 2
Date: November 12, 2024

Subject: Browns Hill Engineering & Controls, LLC herein proposes to furnish instrumentation, control systems and electrical equipment specifically listed in the following "Scope of Work."

Scope of Work:

- Provide, install and configure replacement effluent flow meter for Long Hollow Dam vault.
- Connect 2 pipe flow signal probes on high flow and low flow pipes.
- Set up new transmitter display and connect to PLC.
- Confirm all signal scaling and displays with trending.
- Commission with E+H representative.

EQUIPMENT

- Provide and install QTY (1) 16" Single probe E+H Prosonic Flow Meter
- Provide and install QTY (1) 42" Dual probe E+H Prosonic Flow Meter

Exclusions: The following items are specifically excluded from this scope of work:
- All costs associated with cutting, patching and painting

Browns Hill Engineering & Controls, LLC agrees to perform all work described per this proposal for the following lump sum price.

Proposal lump sum cost
\$29,093 and no/100 dollars

This proposal is valid for 100 days and subject to revision after that time.

We appreciate the opportunity to provide this proposal and should you have any questions please contact the undersigned at 720-344-7771.

Sincerely,

Charles Moore

Charles Moore, Client Manager
Browns Hill Engineering & Controls, LLC

Customer Approval:

Signature: _____

Date: _____

Name: _____

