



**COLORADO**

**Colorado Water  
Conservation Board**

Department of Natural Resources  
1313 Sherman Street, Room 718  
Denver, CO 80203

November 7, 2017

Missouri Heights – Mountain Meadow Irrigation Company  
Attn: Leslie G. Lewis, Treasure  
P.O. Box 548  
Carbondale, CO 81623

RE: Notice to Proceed – WSRF Grant – POGG1 2018-447 – Ditch Lining Phase 3

Dear Leslie,

This letter is to inform you that the grant request to assist in the above WSRF grant project has been approved. The attachments serve as your original contracting documents.

With the executed agreement, you are now able to proceed with the project and invoice the State of Colorado for costs incurred through November 6, 2022. Please note that we have modified the original schedule expiration date to a 5-year maximum grant term. This will allow you the additional time to complete the project if needed, but also avoids the amendment process any time during the project. Although it is extremely helpful for both parties, it is encouraged that the grantee follows the original schedule set forth before the Board upon its original approval. You can refer to the WSRF Criteria & Guidelines located on our website for the updated invoice request requirement instructions prior to submitting your request(s).

The WSRF Criteria & Guidelines also provide instructions for the six month progress reports and final deliverable procedures in order to avoid a delay in payment requests.

If you have any questions or concerns regarding the project, please contact Megan Holcomb, Project Manager at 303-866-3441 ext. 3222 or at [Megan.Holcomb@state.co.us](mailto:Megan.Holcomb@state.co.us). Please send the 6 month progress reports and invoices directly to Megan and cc me at [Dori.vigil@state.co.us](mailto:Dori.vigil@state.co.us).

You can contact me at 303-866-3441 ext. 3250 for additional invoicing, payment and contracting inquiries.

Thank you.

Sincerely,

//s//

**Doriann Vigil**

**Program Assistant II**

O 303-866-3441 ext. 3250

1313 Sherman Street, Rm. 719, Denver, CO 80203

[Dori.vigil@state.co.us](mailto:Dori.vigil@state.co.us) / [cwcb.state.co.com](http://cwcb.state.co.com)





STATE OF COLORADO  
Department of Natural Resources

<b>ORDER</b>				<b>** IMPORTANT **</b>		
Number: POGG1 PDAA 201800000447				The order number and line number must appear on all invoices, packing slips, cartons and correspondence		
Date: 11/07/17						
Description: PDAA 2500 Missouri Heights - Mountain Meadow, Ditch Lining				<b>BILL TO</b>		
Effective Date: 11/06/17      Expiration Date: 11/06/22				COLORADO WATER BOARD CONSERVATION 1313 SHERMAN STREET, ROOM 718 DENVER, CO 80203		
<b>BUYER</b>				<b>SHIP TO</b>		
Buyer:				COLORADO WATER BOARD CONSERVATION		
Email:				1313 SHERMAN STREET, ROOM 718 DENVER, CO 80203		
<b>VENDOR</b>				<b>SHIPPING INSTRUCTIONS</b>		
MISSOURI HEIGHTS MOUNTAIN MEADOW PO BOX 548 CARBONDALE, CO 81623				Delivery/Install Date:		
Contact: Leslie G. Lewis (Gay)				F.O.B: FOB Dest, Freight Allowed		
Phone: (970) 963-3653				<b>VENDOR INSTRUCTIONS:</b>		
<b>Line Item</b>	<b>Commodity/Item Code</b>	<b>UOM</b>	<b>QTY</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>MSDS Req.</b>
1	G1000		0	0.00	\$40,000.00	<input type="checkbox"/>
Description: PDAA 2500 Missouri Heights - Mountain Meadow, Ditch Lining						
Service From: 11/06/17      Service To: 11/06/22						
<b>TERMS AND CONDITIONS</b>						
<a href="https://www.colorado.gov/osc/purchase-order-terms-conditions">https://www.colorado.gov/osc/purchase-order-terms-conditions</a>						
<b>DOCUMENT TOTAL = \$40,000.00</b>						

**Exhibit A**  
**Statement of Work**

**WATER ACTIVITY NAME - Missouri Heights - Mountain Meadow Irrigation Company**

**Ditch Lining Project Phase C**

**GRANT RECIPIENT – Missouri Heights - Mountain Meadow Irrigation Company**

**FUNDING SOURCE - Colorado River Basin Roundtable Account**

**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)

This project lies in the Roaring Fork Valley in the eastern portion of Garfield County, Colorado. The Missouri Heights - Mountain Meadow Irrigation Company operates the Missouri Heights Mountain Meadow Irrigation Company Ditch for the benefit of the shareholders by providing irrigation water from the Spring Park Reservoir.

The beginning portion of the earthen ditch below the Reservoir loses as much as 30% of the water in the ditch due to seepage through the course and rocky soils. The Missouri Heights - Mountain Meadow Irrigation Company wants to install a plastic pipeline to make a permanent fix of this section. Proposed work will take place in the spring and fall of 2017 while the ditch is not in use.

The proposal is to install plastic pipeline in the 5800 ft. seeping canal. The pipeline will prevent water loss due to ditch seepage. The ditch loses 7 CFS of water on this lateral of the Missouri Height – Mountain Meadow Irrigation system.

Without controlling seepage from the ditch water loss will continue until the ditch is lined or piped.

**OBJECTIVES**

List the objectives of the project

Reduce Water loss due to seepage and by hydrophytic vegetation.

Reduce annual maintenance work and costs

Increase the efficiency of the delivery system

## **TASKS**

Provide a detailed description of each task using the following format

### **TASK 1– Mobilization**

#### Description of Task

Includes the costs of delivering all needed equipment to the site.

#### Method/Procedure

Equipment, machinery, supplies and pipe will be delivered to the site, following all local and state laws, and in a safe manner

#### Deliverable

Having all needed machinery on site and ready to proceed work.

### **TASK 2 – Earthwork**

#### Description of Task

Complete clearing, grading and shaping of earth materials for the construction of the inlet structure and as needed throughout the pipeline route.

#### Method/Procedure

Proper and safe operation of needed equipment to move materials throughout the pipeline route.

#### Deliverable

\_Completed pipeline and related structures

### **TASK 3 – Concrete Inlets Structure**

#### Description of Task

All grading, forming, delivery of specified concrete, and professional finish work of all exposed concrete, and other needed task to insure high quality concrete is delivered, poured, and properly worked and finished in the structure

#### Method/Procedure

NRCS staff will be available to insure standards and specification are met. NRCS will provide standards and specifications as well as engineered drawings for the structure.

### Deliverable

Completed high quality structure is installed

## **TASK 4– Installation of plastic pipe and associated inlet structure.**

### Description of Task

It is the goal of the Ditch Company to complete this project in the Fall of 2017 with work starting in the Spring of 2017, before irrigation water is turned on.

Complete grading and shaping of ditch, install plastic pipe and complete finish grading and reclamation work.

Concrete inlet work will be completed at the same time as lining material is installed.

### Method/Procedure

A construction company will be contracted to complete all work.

NRCS will provide needed design and work sheets as well as inspection of pipeline installation.

### Deliverable

Complete 5800 feet of pipe to line the existing ditch.

## **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.

## **BUDGET**

Provide a detailed budget by task including number of hours and rates for labor and unit costs for other direct costs (i.e. mileage, \$/unit of material for construction, etc.). A detailed and perfectly balanced budget that shows all costs is required for the State’s contracting and purchase order processes. Sample budget tables are provided below. Please note that these budget tables are examples and will need to be adapted to fit each individual application. Tasks should correspond to the tasks described above.

**Irrigation Ditch Lining Project - Cost Estimate**

Estimated Budget:

Mobilization	\$5,000.00
Earthwork	\$11,000.00
Concrete inlet Structure 5 CY	\$10,980.00
5800 ft of plastic HDPE installed	<u>\$270,000.00</u>
Total	* \$296,980.00

- \* does not include NRCS services as part of the total cost.

**Sources of Funding:**

Ditch Company funds	\$78,867.00
USDA - NRCS Environmental Quality Incentive Program	\$179,113.00 approved
Colorado River Water Roundtable Funds	<u>\$ 40,000.00</u>
<b>Total</b>	<b>\$296,980.00</b>

Last Update: May 19, 2017



**COLORADO**

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Conservation Board

Department of Natural Resources

## Colorado Water Conservation Board

### Water Supply Reserve Fund Exhibit A - BUDGET AND SCHEDULE

**Date:** Sept 11, 2017

**Water Activity Name:** Missouri Heights Mountain Meadow Co. Pipeline Phase C

**Grantee Name:** Missouri Heights Mountain Meadow Irrigation Company

	<u>Description</u>	<u>Start Date</u> <sup>(1)</sup>	<u>End Date</u>	<u>Matching Funds</u> (cash & in-kind) <sup>(2)</sup>	<u>WSRF Funds</u> (Basin & Statewide combined) <sup>(2)</sup>	<u>Total</u>
1	Mobilization	1-Nov-17	Dec 31,2017	\$ 3,000		\$5,000
2	Earthwork	1-Nov-17	Dec 31,2017	\$6,000		\$11,000
3	Concrete Structure	1-Nov-17	Dec 31,2017	\$3,500		\$11,000
4	Pipeline (pipe and installation)	<b>6-Nov-17</b>	<b>11/6/2022</b>	\$166,600	<b>\$40,000</b>	\$270,000
						\$0
	Ditch Co. Funds (Matching cost share)			\$77,900		\$0
	NRCS Engineering and design			\$150,000		\$150,000
						\$0
						\$0
						\$0
						\$0
						\$0
<b>Total</b>				\$407,000	\$40,000	\$447,000

**(1)** Start Date for funding under \$100K - 45 Days from Board Approval; Start Date for funding over \$100K - 90 Days from Board Approval.

**(2)** Round values up to the nearest hundred dollars.

Reimbursement eligibility commences upon the grantee's receipt of a Notice to Proceed (NTP)

NTP will not be accepted as a start date. Project activities may commence as soon as the grantee enters contract and receives formal NTP if prior to the listed "Start Date"

CWCB will withhold the last 10% of the entire grant budget until the Final Report (Deliverable) is completed and accepted (2016 WSRF Criteria & Guidelines).

Additionally, the applicant shall provide a progress report every 6 months, beginning from the date of contract execution