



**COLORADO**

**Colorado Water  
Conservation Board**

Department of Natural Resources

1313 Sherman Street, Room 718  
Denver, CO 80203

October 27, 2016

The Sullivan Ditch Company  
Attn: Russell Burwell, Vice President  
Attn: Caroline Munger, Secretary/Treasurer  
1200 C.R. 505  
Bayfield, CO 81122

RE: Notice to Proceed – WSRF Grant – **POGG1 2017-516 – Sullivan Ditch Repair in the SW Basin**

Dear Mr. Burwell,

This letter is to inform you that purchase order to assist in the above WSRF grant project has been approved. The email notice and attachments serve as your original contract documents.

With the executed purchase order you are now able to proceed with the project and invoice the State of Colorado for costs incurred from October 27, 2016 through May 31, 2018. Please provide the project name, POGG1 number, and basin when corresponding with or invoicing for your project. Upon receipt of your invoice(s), the State of Colorado will provide payment no later than 30 days after review and signed approval of the project manager.

Please refer to the WSRF Criteria & Guidelines for reporting requirements for the six month progress report and final deliverable requirements in order to avoid a delay in payment.

If you have any questions or concerns regarding the project, please contact Anna Mauss, Project Manager at 303-866-3441 x3224 or at [craig.godbout@state.co.us](mailto:craig.godbout@state.co.us). You can contact me at 303-866-3441 ext. 3250 for invoicing and payment disbursement questions.

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) / [cwcw.state.co.com](http://cwcw.state.co.com)

Attachments





STATE OF COLORADO  
Department of Natural Resources

<b>ORDER</b>		<b>** IMPORTANT **</b>				
Number: POGG1 PDAA 201700000516		The order number and line number must appear on all invoices, packing slips, cartons and correspondence				
Date: 10/27/16						
Description: PDAA 2500 WSRF SULLIVAN DITCH REPAIR IN SW BASIN		<b>BILL TO</b>				
Effective Date: 10/27/16      Expiration Date: 05/31/18		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>				
SULLIVAN DITCH COMPANY		Delivery/Install Date:				
1200 CR 505		F.O.B: FOB Dest, Freight Allowed				
BAYFIELD, CO 81122		<b>VENDOR INSTRUCTIONS:</b>				
Contact: Caroline Munger, Secretary/Treasurer						
Phone: 970-764-5627						
<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	\$27,298.00	<input type="checkbox"/>
Description: PDAA 2500 WSRF SULLIVAN DITCH REPAIR IN SW BASIN						
Service From: 10/27/16      Service To: 05/31/18						
<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 = \$27,298.00</b>						

**Exhibit A**  
**Statement of Work**  
Date: July 5, 2016

**WATER ACTIVITY NAME** - Sullivan Ditch Repair - Cliff Piping

**GRANT RECIPIENT**- Sullivan Ditch Company

**FUNDING SOURCE** – Southwest Basin Funds

**INTRODUCTION AND BACKGROUND**

This project is subject to IPP#4-MB entitled "Ditch Company Improvement and Efficiency Projects" and supports the Southwest Basin Roundtables Implementation Plan (BIP) "Goal B of Meeting Agricultural Needs." The funds will be used to pipe two sections of the Sullivan Ditch that traverse steep cliff areas that hang over the Pine River. With recent failure of the Thompsen-Epperson Ditch, the ditch adjacent to the Sullivan Ditch, Sullivan Ditch representatives seek to pipe sections of the Ditch that could fail, and if it did -- would be economically impracticable to repair given the extreme slope of the cliff areas requiring reconstruction. The piping of the cliff areas are preemptive repairs prior to foreseeable failure of these sections of the Ditch, below which it drops drastically to the Pine River. This failure is foreseeable given years of compaction. The underling soil, like that of the Thompsen-Epperson failure site, could turn to the consistency of baking flower and no longer support the water and the Ditch.

**OBJECTIVES**

This Project supports the Southwest Basin Roundtable's Implementation Plan (BIP) "Goal B of Meeting Agricultural Needs." The specific goal is to "implement efficiency measures to maximize beneficial use and production". The project is to implement irrigation system improvements to improve water delivery and maximize beneficial uses. Along with being categorized as a goal of the BIP, this project meets goals within the Colorado Water Plan as well. According to Chapter 1 O's Critical Agricultural Actions table, the project specifically meets item #3 to "provide grants, loans, and technical support to update and improve Colorado's aging agricultural infrastructure, especially where improvements provide multiple benefits." This project is designed to pipe the Sullivan Ditch along two steep cliff sections that overhang the Pine River. Soil composition along the cliff sections, similar to the failure site of the Thompsen-Epperson Ditch, could turn to the consistency of a fine powder due to many years of carrying water and repair. Without piping this area along the cliff, failure of the ditch is foreseeable. And, if the ditch should fail along these cliff areas, it would be impracticable to repair the ditch. The Sullivan Ditch serves agricultural benefits as well as open space and wildlife values.

To achieve these goals, the Sullivan Ditch will:

Pipe 300 feet of 3' diameter pipe on the North Section of the ditch.

Pipe 125 feet of 3' diameter pipe on the South Section of the ditch.

**TASKS**

Provide a detailed description of each task using the following format

**TASK 1 -North Cliff Repair**

Description of Task: Install and connect Northern section of the Sullivan Ditch that hangs over the cliff with 3-inch diameter pipe.

Method/Procedure: Purchase and mobilize the construction site. Install a berm and pipe base lining material as well as a pipe entrance and exit lining. Lastly, the site will be reseeded.

Deliverable: 300' of 3' in diameter piping installed with improved berm and base lining as well as a reseeded site.

## TASK 2 - South Cliff Repair

Description of Task: Install and connect Southern section of the Sullivan Ditch that hangs over the cliff with 3' in diameter pipe.

Method/Procedure: Purchase and mobilize the construction site. Install a berm and pipe base lining material as well as a pipe entrance and exit lining. Lastly, the site will be reseeded.

Deliverable: 125 feet of 3 inch in diameter piping installed with improved berm and based lining as well as a reseeded site.

### 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

Total				
	Labor	Other Direct Costs / Materials	Matching Funds	Total Project
Task 1 – Piping Northern Cliff	\$15,00	\$40,110		\$55,110
Task 2 – Piping Southern Cliff	\$6,250	\$20,535		\$26,785
In-Kind Contributions				<54,596>*
Total Costs:	27,250	51,345		

\*\$27,298 has been raised and collected by Sullivan Ditch Members. The Sullivan Ditch is also seeking additional grant funding of \$27,298 from the Southwestern Water Conservation District.

### SCHEDULE

Task	Start	Finish
Task 1 - Piping Northern Cliff	NTP	NTP + 12 months
Task 2 - Piping Southern Cliff	NTP	NTP + 12 months
Project Closeout & Final Reporting	NTP + 12 months	NTP + 18 months