



COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources

1313 Sherman Street, Room 718
Denver, CO 80203

May 3, 2016

McClave Water Association
Attn: Julie Roesch, Bookkeeper
P.O. Box 73
McClave, CO 81057

Dear Julie,

This letter is to inform you that the purchase order (PO) to assist in the above WSRA grant project was approved on May 3, 2016. The attachments will serve as your original grant contracting documents.

With the executed PO, you are now able to proceed with the project and invoice the State of Colorado for costs incurred through January 31, 2017. Please provide the project name, PO 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.

If an extension to the project is necessary, a formal letter of request must be submitted to the project manager along with a proposed completion date **60 days** prior to the current expiration date. There will be no prior notice from the CWCB grant manager informing the grantee that the project is approaching its deadline, therefore the grantee must monitor the completion progress accordingly.

If you have any questions or concerns regarding the project, please contact Brent Newman, Project Manager at [303-866-3441 x3222](tel:303-866-3441) or at brent.newman@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 / cwcb.state.co.us





STATE OF COLORADO
Department of Natural Resources

ORDER		** IMPORTANT **				
Number: POGG1 PDAA 20160000000000000773		The order number and line number must appear on all invoices, packing slips, cartons and correspondence				
Date: 03/17/16						
Description:		BILL TO				
WSRA GRANT PDAA 2500 McClave Water Association		COLORADO WATER BOARD CONSERVATION				
Effective Date: 05/01/16 Expiration Date: 01/31/17		1313 SHERMAN STREET, ROOM 718				
BUYER		DENVER, CO 80203				
Buyer:		SHIP TO				
Email:		COLORADO WATER BOARD CONSERVATION				
VENDOR		1313 SHERMAN STREET, ROOM 718				
MCCLAVE WATER ASSOCIATION		DENVER, CO 80203				
PO BOX 73		SHIPPING INSTRUCTIONS				
MCCLAVE, CO 81057		Delivery/Install Date:				
Contact: .		F.O.B: FOB Dest, Freight Allowed				
Phone: .		VENDOR INSTRUCTIONS:				
Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
1	G1000		0	0.00	\$23,010.00	<input type="checkbox"/>
Description: WSRA GRANT PDAA 2500 McClave Water Association						
Service From: 05/01/16 Service To: 01/31/17						
Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
2	G1000		0	0.00	\$25,000.00	<input type="checkbox"/>
Description: WSRA GRANT PDAA 2500 McClave Water Association						
Service From: 05/01/16 Service To: 01/31/17						
TERMS AND CONDITIONS						
https://www.colorado.gov/osc/purchase-order-terms-conditions						
DOCUMENT TOTAL = \$48,010.00						

Scope of Work for: McClave Water Association Water Delivery Improvement Project

SUBMITTED BY: THE McCLAVE WATER ASSOCIATION

WSRA GRANT REQUEST - ARKANSAS BASIN ACCOUNT

I. Background

The McClave Water Association, Inc. operates with a sole purpose: to provide reliable, clean, and safe drinking water to the unincorporated town of McClave and the surrounding area, in southeastern Colorado. The Association services approximately 175 residential and commercial metered taps, including the McClave School District. Prior to the formation of the association in 1967, most area residents purchased water from a private well owner and transported it to their home cisterns on a weekly basis. The Association was created to provide a production and distribution system that could deliver a safe, reliable water supply directly to members' homes and/or businesses. The system was constructed in the 1960s and has undergone only limited improvements since that time due to a lack of financing, but is in need of significant repairs and replacements. Because of the high poverty rate in the area however (Bent County ranked as 4th highest poverty level in Colorado by U.S. Census Bureau), member rate increases are not a viable way for the Association to raise funds to replace its aging infrastructure.

The McClave Water Association Delivery Improvement Project will allow for replacement of two sections of PVC distribution line (totaling about 1.5 miles in length) that currently experience heavy water loss due to deteriorated PVC pipe. The Board of Directors has deemed these two sections of distribution line as top priority for replacement due to the high amount of leakage loss currently taking place. It is estimated that these improvements will result in 8 acre-feet of water savings annually. This water savings is significant to the McClave Water Association, as it represents approximately 20% of the water produced annually by the Association's wells.

II. Objective

The objective of this project is for the McClave Water Association to continue to provide reliable, clean, and safe drinking water to its customers by replacing high-priority sections of distribution line in order to limit leakage loss and achieve significant water savings.

III. Project Description

Task One – Site Preparation and Utility Location. McClave will coordinate with Bent County for the removal of weeds and other vegetative debris along the water right right-of-way. McClave will then work with utility companies to identify and mark locations of existing utilities within the rights of way to prepare for trenching and pipe installation.

Task 2 - Distribution Line Replacement. McClave will retain a contractor to perform the distribution line replacement and the association replacement of meter connections and valves on two pipe segments. The first pipe segment is a new three-inch PVC distribution line in the north right of way of Bent County Road LL between Road 28 (east) extending to a point approximately 4500 feet west. The second pipe segment is a new two-inch PVC distribution line in the north right of way of Bent County Road JJ between Road 32 (east) extending to a point approximately 3000 feet west. Eight meter connections and valves along these two stretches of distribution line will be replaced at the same time (six within the first segment and two in the second segment). McClave staff will oversee the contractor in trenching and laying two new pipe segments in the McClave water distribution system and replacing eight meter connections and valves located within those segments. Trenching and pipe installation will be done to a minimum depth of 36 inches and will include tie-ins to service lines and the main line of the McClave water distribution system. After installation and after introduction of new water to the installed lines to observe satisfactory functioning and workmanship, the contractor will backfill the trench.

Deliverable: Contractor invoices and photographs documenting work will be provided to demonstrate satisfactory completion of work.

Continues on following page

IV. Budget & Schedule

The estimated level of effort required to complete the tasks identified above is provided in the following tables:

Labor	Task 1		Task 2	
	Hours	Cost	Hours/Unit*	Cost
Contractor – trenching & backfill			7500 ft @ \$1.40/ft	\$10,500.00
Contractor – pipe installation			7500 ft @ \$1.50/ft	\$11,250.00
Contractor – installation of service line and mainline tie-ins			7 @ \$575	\$4,025.00
McClave Staff (\$25/hour) <i>In-Kind Contribution**</i>	40	\$1,000.00	40	\$1,000.00
Totals		\$1,000.00		\$26,775.00
Grand Total				\$27,775.00

Equipment	Task 2	
	Amount/Unit	Cost
HDPE Pipe 3 inch @ 200 psi	4500 ft @ \$2,95/ft	\$13,275.00
HDPE Pipe 2 inch @ 200 psi	3000 ft @ \$1.37/ft	\$4,110.00
Service line tie-ins	5 @ \$850/each	\$4,250.00
Main Line Tie Ins	2 @ \$950.00	\$1,900.00
Valves, fittings, hardware		\$3,500.00
Total		\$27,035.00**

Labor \$27,775.00
Equipment \$27,035.00

Total \$54,810.00
Less Contribution \$6,800.00

Grant Request \$48,010.00

* Contractor bid pricing for labor is by the linear foot, rather than by the hour.

**Applicant's financial contribution of \$4,800.00 will be applied to the last payment for equipment purchased to complete Task 2. The \$2,000.00 in labor costs associated with McClave staff board time is also an in-kind contribution.

Work on this project will commence upon receipt of a contract.

It is anticipated that the project will be completed by August 31, 2016. A final report/deliverables will be provided within four weeks of completion.

Task	May 2016	June – Jan 2017
1 – Site preparation		
2 – Distribution line replacement		