

March 6, 2018

Arch Ditch Association
Attn: Dale Irby, Secretary
3533 County Road 46
Gunnison, CO 81230

Dear Dale:

We are pleased to inform you that the Colorado Department of Natural Resources, Colorado Water Conservation Board (CWCB) has approved your grant funding for the WSRF Grant Program ("Program") in the amount of \$20,096.00. This letter authorizes you to proceed with POGG1 2018-754 for the Arch Ditch Headgate Project in the Gunnison River Basin ("Project") in accordance with the terms of this Grant Award Letter.

The WSRF Criteria & Guidelines can be located on our website for additional information.

If you have any questions or concerns regarding the project, please contact Craig Godbout, Project Manager at 303-866-3441 ext. 3210 or at Craig.Godbout@state.co.us. Please send the 6-month progress reports and invoices directly to the Project Manager and cc me at Dori.vigil@state.co.us.

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.com

Attachments



STATE OF COLORADO
Department of Natural Resources

ORDER		** IMPORTANT **				
Number: POGG1 PDAA 201800000754		The order number and line number must appear on all invoices, packing slips, cartons and correspondence				
Date: 03/06/18						
Description: PDAA 2500 Arch Ditch Headgage in the Gunnison River Basin		BILL TO COLORADO WATER BOARD CONSERVATION 1313 SHERMAN STREET, ROOM 718 DENVER, CO 80203				
Effective Date: 03/06/18 Expiration Date: 03/06/23						
BUYER		SHIP TO				
Buyer:		COLORADO WATER BOARD CONSERVATION				
Email:		1313 SHERMAN STREET, ROOM 718				
		DENVER, CO 80203				
VENDOR		SHIPPING INSTRUCTIONS				
ARCH DITCH ASSOCIATION		Delivery/Install Date:				
3533 COUNTY RD. 46		F.O.B: FOB Dest, Freight Allowed				
GUNNISON, CO 81230		VENDOR INSTRUCTIONS:				
Contact: .						
Phone: .						
Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
1	G1000		0	0.00	\$20,096.00	<input type="checkbox"/>
Description: PDAA 2500 Arch Ditch Headgage in the Gunnison River Basin						
Service From: 03/06/18 Service To: 03/06/23						
TERMS AND CONDITIONS						
https://www.colorado.gov/osc/purchase-order-terms-conditions						
DOCUMENT TOTAL = \$20,096.00						

Exhibit A
Statement of Work
Date: 04/29/2017 (REVISED 03/05/18)

WATER ACTIVITY NAME – Arch Ditch Association Headgate Improvement Project

GRANT RECIPIENT – Arch Ditch Association

FUNDING SOURCE – Gunnison Basin Roundtable

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)

Project will be to add hydraulics to diversion structure headgate so it is easier to raise and lower gate for standard operations. Currently, the gate is raised and lowered using wheels with a threaded rod and must be done manually. Hydraulics would make this process faster. Also, a new steel gate would replace current wooden gate that is beginning to show signs of rot.

A new walkway would be added to access diversion structure headgate for trash build up and have attached tether line for greater safety of operator. Another walkway would be added to clean debris from new trash rack on ditch headgate. Current operations can be dangerous and this addition will move to solve that problem.

Also, lower skirt of diversion structure would be overlaid with new steel plating to protect and strengthen original concrete skirting. Original concrete skirting is beginning to show decay and needs this work to remain viable for future operations.

Finally, a trash rack would be added to headgate controlling the ditch diversions to reduce trash entering the ditch and hampering operations. Currently, trash and logs can enter the headgate and are difficult to remove.

OBJECTIVES

List the objectives of the project

- *add hydraulics to headgate for more efficient operation
- *add new walkway and safety tether for improved overall safety
- *replace wooden diversion gate with steel
- *overlay concrete skirt of diversion structure with new steel
- *add trash rack to ditch diversion headgate

TASKS

Provide a detailed description of each task using the following format

TASK 1 – Hydraulics, walkways, trash rack assembly and installation

Description of Task

Finish hydraulics assembly and installation, for diversion headgate, with two double acting cylinders, and two double acting hand pumps, fittings and hoses and bio-degradable hydraulic oil. Assembly and installation of walkways and trash rack on ditch diversion structure. All steel painted to reduce corrosion.

Method/Procedure

A majority of fabrication will be done off site and then delivered to job site for installation. This will allow work to be done during winter months, if necessary, so that final work can be done at main job site in a timely manner.

Deliverable

Completion of pre-fabricated components and then, second, installation and completion at structure.

TASK 2 – Fabrication and installation of steel gate

Description of Task

Replace wooden logs on diversion headgate with steel.

Method/Procedure

Fabrication will be done off site to the extent possible and then assembled and installed at structure site.

Deliverable

Steel gate pre-fabricated, assembled and installed.

TASK 3 – Fabrication and installation of steel overlay

Description of Task

Fabricate and install steel overlay on current concrete skirting. Will include non-shrink grout to seal and adhere to existing concrete, and concrete anchors.

Method/Procedure

Fabrication of steel overlay will be done off site to the extent possible and then assembled and installed at structure site.

Deliverable

New steel overlay pre-fabricated, assembled and installed.

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.

	Total Costs				
	Labor	Other Direct Costs	Matching Funds (If Applicable)	WSRA GRANT	Total Project Costs
Task 1 - (Hydraulics, walkways, trash rack assembly and installation)	\$7,000.00	\$7,355.00	\$3,588.75	\$10,766.25	\$14,355.00
Task 2 –(Fabrication and installation of steel gate)	\$2,100.00	\$1,950.00	\$1,012.50	\$3,037.50	\$4,050.00
Task 3 – (Fabrication and installation of steel overlay)	\$3,360.00	\$4,030.00	\$1,847.50	\$5,542.50	\$7,390.00
Forklift for installation		\$1,000.00	\$250.00	\$750.00	\$1,000.00
In-Kind Contributions					
Total Costs:	\$12,460.00	\$14,335.00	\$6,698.75	\$20,096.25	\$26,795.00

*Total Approved Grant amount is \$20,096.00

Example Titles

Example Project Personnel: Hourly Rate:	Project Manager	Project Engineer	Geologist	Scientist	Graphics/ Designer	Clerical		Total Costs
Task 1 – Hydraulics, walkways, trash rack assembly and installation	Bid on total project completion.							\$7,000.00
Task 2 – Fabrication and installation of steel gate.	Bid on total project completion.							\$2,100.00
Task 3 – Fabrication and installation of steel overlay	Bid on total project completion.							\$3,360.00
Total Hours:	Unknown							Unknown
Cost:	\$12,460.00							\$12,460.00

Other Direct Costs

Item:	Copies	Materials	Equipment/ Supplies	Mileage		Total
Units: Unit Cost:	No.			Miles		

Task 1 – Hydraulics, walkways, trash rack assembly and installation	1	\$7,355.00				\$7,355.00
Task 2 – Fabrication and installation of steel gate	1	\$1,950.00				\$1,950.00
Task 3- Fabrication and installation of steel overlay	1	\$4,030.00				\$4,030.00
Skytrac extendable forklift, 60’ reach	1		\$1,000.00			\$1,000.00
Total Units:	4					
Total Cost:		\$13,335.00	\$1,000.00			\$14,335.00

In-Kind Contributions (If Applicable)				
Project Personnel: Hourly Rate:				Total
Task 1 -				
Task 2 -				
Total Hours:				
Total Cost:				n/a

SCHEDULE

Provide a project schedule including key milestones for each task and the completion dates or time period from the Notice to Proceed (NTP). This dating method allows flexibility in the event of potential delays from the procurement process. Sample schedules are provided below. Please note that these schedules are examples and will need to be adapted to fit each individual application.

REVISED Schedule (5 YEAR TERM)

Task	Start Date	Finish Date
1 Hydraulics, walkways, trash rack assembly & installation	03/2018	03/6/23 (5 year)
2 Fabrication and installation of steel gate	03/2018	03/06/23 (5 year)
3 Fabrication & install of steel overlay	03/2018	03/06/23 (5 year)

PAYMENT

Payment will be made based on actual expenditures and invoicing by the applicant. Invoices from any other entity (i.e. subcontractors) cannot be processed by the State. 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 10 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 the CWCB in hard copy and electronic format as part of the project documentation. This information will in turn be made widely available to Basin Roundtables and the general public and help promote the development of a common technical platform.

Gunnison County
Saguache County

