



COLORADO

Colorado Water
Conservation Board

Department of Natural Resources

Contract CORE No. POGG1 2018-917
CMS #

May 8, 2018

Huerfano County Water Conservancy
Attn: Carol Dunn, District Administrator
P.O. Box 442
La Veta, CO 81055

Dear Grantee:

We are pleased to inform you that the Colorado Department of Natural Resources, Colorado Water Conservation Board (CWCB) has approved your application for funding pursuant to the WSRF Grant Program ("Program") in the amount of \$93,277.00. This letter authorizes you to proceed with the Cucharas Collaborative Storage Geotechnical Investigation Project ("Project") in accordance with the terms of this Grant Award Letter.

Attached to this letter are the terms and conditions of your Grant. Please review these terms and conditions, as they are requirements of this Grant to which you, Huerfano County Water Conservancy District agree by accepting the Grant Funds.

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 Ben Wade, Project Manager at 303-866-3441 or at Ben.Wade@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

Page 1 of 2

ORDER

*****IMPORTANT*****

Number: POGG1,PDAA,201800000917

Date: 5/8/18

Description:

PDAA 2500 WSRF Cucharas Collab. Storage_ARK

Effective Date: 05/08/18

Expiration Date: 03/31/20

The order number and line number must appear on all invoices, packing slips, cartons, and correspondence. Please review each line for its corresponding shipping/billing address and delivery instructions.

BUYER

Buyer:

Email:

VENDOR

HUERFANO COUNTY WATER

PO BOX 442

LA VETA, CO 81055-0442

Contact: .

Phone: .

EXTENDED DESCRIPTION

Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
1	G1000		0	0.00	\$8,480.00	<input type="checkbox"/>

Description: PDAA 2500 WSRF Cucharas Collab. Storage_ARK

Service From: 05/08/18

Service To: 03/31/20

Delivery Instructions

FOB: FOB Dest, Freight Allowed

Delivery Date: -

Ship To:

Bill To:

COLORADO WATER BOARD
CONSERVATION

COLORADO WATER BOARD CONSERVATION

1313 SHERMAN STREET, ROOM 718

1313 SHERMAN STREET, ROOM 718

DENVER, CO 80203

DENVER, CO 80203

Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
2	G1000		0	0.00	\$84,797.00	<input type="checkbox"/>

Description: PDAA 2500 WSRF Cucharas Collab. Storage_ARK

Service From: 05/08/18

Service To: 03/31/20

Delivery Instructions

FOB: FOB Dest, Freight Allowed

Delivery Date: -

Ship To:

Bill To:

COLORADO WATER BOARD
CONSERVATION

COLORADO WATER BOARD CONSERVATION



STATE OF COLORADO
Department of Natural Resources

Page 2 of 2

1313 SHERMAN STREET, ROOM 718
DENVER, CO 80203

1313 SHERMAN STREET, ROOM 718
DENVER, CO 80203

TERMS AND CONDITIONS

<https://www.colorado.gov/pacific/osc/small-dollar-grant-award-terms-conditions>

DOCUMENT TOTAL = \$93,277.00

Colorado Water Conservation Board

Water Supply Reserve Fund

Exhibit A - Statement of Work

Water Activity Name:

Cucharas Collaborative Storage Study Geotechnical Investigation

Grant Recipient:

Huerfano County Water Conservancy District (HCWCD)

Funding Source:

Water Supply Reserve Fund

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.

The goal of this investigation will be to evaluate the suitability of 5 potential dam sites for construction of a reservoir that will provide collaborative storage in the Cucharas River Basin. These 5 sites were selected based on results of the previous phase of the study (Cucharas Basin Collaborative Storage Study) completed in June 2017 – see the following link for the executive summary:

<https://applegategroup.sharefile.com/d-s3e2ea7e811e4cb39>. The geotechnical investigation will focus on the subsurface geology at each proposed dam site and evaluate site suitability based on factors such as foundation stability and potential seepage concerns. The investigation will involve drilling, laboratory analyses and development of a summary geotechnical report with recommendations on final site suitability and selection for engineering design plans. Grant money from the WSRF will be used to fund the investigation.

Objectives: (List the objectives of the project)

The primary objective of the project is to evaluate the suitability of 5 potential dam sites previously identified for construction of a reservoir that would be used for collaborative storage within the Cucharas River Basin. This evaluation would enable HCWCD to identify preferred sites for moving forward with the study, and ultimately final selection of site(s) for engineering design and construction.

Tasks

Provide a detailed description of each task using the following format:

Task 1 – Geotechnical Investigation

Description of Task:

The investigation will involve geotechnical drilling at each of the 5 potential dam sites, as well as lab analyses of subsurface soil samples collected from test pits excavated at each site. Soil samples will be analyzed to determine geotechnical properties important in dam foundation design, and drilling will extend to bedrock in at least one location at each site to evaluate bedrock permeability and stability. A geotechnical report with recommendations on site suitability for reservoir engineering design and construction will be developed based on these results.

Method/Procedure:

Access for the potential dam sites has been identified, as well as water sources for drilling. Property owners of the sites support the study and have been informed of planned activities related to this investigation. The drilling program is anticipated to be completed within 2-3 weeks of the Notice to Proceed date, with lab testing to follow. All drilling, lab analyses and testing will follow applicable ASTM standards. Results of lab testing will be used to develop the summary report and will be the basis for evaluating site suitability and making the final recommendation for engineering design and construction.

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

Final deliverable for HCWCD will be a summary report on the geotechnical investigation including boring logs and test results, as well as recommendations on suitability and site selection for further study.

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

HCWCD will provide CWCB the final geotechnical report (same as above), and a summary memo identifying sites selected for further evaluation, justification for selection and next steps for moving forward with engineering design and dam construction.

Provide a detailed description of each task using the following format:

Task 2 - Administration

Description of Task:

Using a qualified person, insure the timely accomplishment of contract tasks and the submission of required reports under the grant contract.

Method/Procedure:

In light of the limited resources of the Collaborators, contract administration will be primarily handled by the regular part-time Administrator of the Huerfano County Water Conservancy District who has successfully administered other CWCB grants and loans for the District. Nevertheless, the time requirements of administering this grant far exceed the District Administrator's time for which she is now compensated or her availability to spend additional time. The amount budgeted for this task will be used either to compensate the Administrator for additional time spent on this grant or, more likely, to employ an assistant to handle mundane matters freeing up time for the Administrator to administer this grant.

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

Timely submission of all reports and deliverables required by the grant contract.

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

Six month progress report(s) and final report.

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.

Last Update: May 19, 2017



COLORADO

Colorado Water
Conservation Board

Department of Natural Resources

Colorado Water Conservation Board

Water Supply Reserve Fund

Exhibit B- BUDGET AND SCHEDULE

Water Activity Name: Cucharas Collaborative Storage Study Geotechnical Investigation

Grantee Name: Huerfano County Water Conservancy District

<u>Task No.</u>	<u>Description</u>	<u>Start Date</u> ⁽¹⁾	<u>End Date</u>	<u>Matching Funds</u> (cash & in-kind) ⁽²⁾	<u>WSRF Funds</u> (Basin & Statewide combined) ⁽²⁾	<u>Total</u>
1	Geotechnical Investigation	5/2018	3/31/2020	\$37,645	\$87,174	\$124,819
2	Administration	5/2018	3/31/2020	\$2,635	\$6,102	\$8,737
						\$0
Total				\$40,280	\$93,277	\$133,557

(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**.

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 repost every 6 months, beginning from the date of contract execution