



COLORADO

Colorado Water
Conservation Board

Department of Natural Resources

Gunnison – Kehmeier Reservoir – Riprap
Contract CORE No. POGG1 2019-2026
CMS #

July 18, 2018

Keh-Land Company
Attn: David Kehmeier, President
Attn: Paul Kehmeier, Vice President
12753 Running Deer Road
Eckert, CO 81418

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 \$5,000.00. This letter authorizes you to proceed with the Kehmeier Reservoir – Riprap 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, Keh-Land Company, 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 Craig Godbout, Project Manager at 303-866-3441 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,201900002026

Date: 7/18/18

Description:

PDAA 2500 RIPRAP DAM_KEHMEIER
RESERVOIR_GUNN BASIN

Effective Date: 07/13/18

Expiration Date: 12/01/19

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

KEH-LAND CO
12753 RUNNING DEER RD
ECKERT, CO 81418

Contact:

Phone:

EXTENDED DESCRIPTION

Table with 8 columns: Line Item, Commodity/Item Code, UOM, QTY, Unit Cost, Total Cost, MSDS Req. Row 1: 1, G1000, 0, 0.00, \$5,000.00, checkbox.

Service From: 07/13/18 Service To: 12/01/19

Delivery Instructions

FOB: FOB Dest, Freight Allowed Delivery Date: -

Ship To:

Bill To:

COLORADO WATER BOARD
CONSERVATION
1313 SHERMAN STREET, ROOM 718
DENVER, CO 80203

COLORADO WATER BOARD CONSERVATION
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 = \$5,000.00



Last Update: January 9, 2018 (d.vigil)

Colorado Water Conservation Board	
Water Supply Reserve Fund	
<u>Exhibit A - Statement of Work</u>	
Date:	February 2, 2018
Water Activity Name:	Rip rap the face of the dam of the Kehmeier Reservoir (structural activity)
Grant Recipient:	Keh – Land Company
Funding Source:	WSRF – Gunnison Basin Roundtable
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.)	
<p>Keh – Land Company owns a reservoir on the Grand Mesa National Forest. (KEHMEIER DAM, DAMID: 400326 Water Division 4, Water District 40). The reservoir holds approximately 300 acre feet of water which is used to irrigate approximately 100 acres of farm ground. The Colorado Department of Water Resources has placed a “Conditional Full Storage” rating on the reservoir due to wave erosion on the face of the dam.</p> <p>The proposed water activity is a construction activity. The WSRF funding will be used to place riprap on the face of the dam to stop the erosion. Approximately 5640 square feet on the face of the dam will be covered with riprap. Some of this area is already partially riprapped. The crest of the dam which is approximately 560 feet long and 10 feet wide will be graded to a uniform elevation with drainage to the upstream slope, as per instructions on the most recent dam inspection report. A small amount of fill material will be added to the crest of the dam to replace nearly 70 years of loss. These actions will allow the reservoir to obtain an unconditional “Full Storage” rating and to guard the reservoir’s water decrees.</p>	
Objectives: (List the objectives of the project)	
<ol style="list-style-type: none">1) Stop wave erosion of the face of the dam of Kehmeier Reservoir2) Return the crest of the dam to optimal configuration3) Obtain an unconditional Full Storage rating from the CO Dept. of Water Resources4) Guard the water rights of the reservoir	



Last Update: January 9, 2018 (d.vigil)

Tasks
Provide a detailed description of each task using the following format:
Task 1 – Riprap the face of the dam
Description of Task:
Place rip rap on upper part of the face of the dam of Kehmeier Reservoir to form a barrier against wave erosion.
Method/Procedure:
<ol style="list-style-type: none"> 1) Obtain all necessary permits and authorizations from governmental agencies. This includes the U.S. Forest Service and the Army Corps of Engineers. 2) Drain the reservoir and allow the ground below the high water line to dry. 3) Hire the services of a contractor with experience in complying with regulations for working on National Forest land and with experience doing riprapping of dams. 4) The contractor will remove appropriate rocks from below the high water line of the reservoir, transport them to the face of the dam, and place them on the face of the dam to create an effective riprap barrier against wave erosion. The face of the dam will be riprapped from the high water line on the dam downwards approximately 10 feet towards the base of the dam. This will create approximately 5640 square feet of riprap. The Colorado Division of Water Resources dam inspector for our area is in agreement with this procedure and zone of riprap.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
1) approximately 5640 square feet of riprap on the face of the Kehmeier Reservoir
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
1) Before and after photos of the completed riprap.



Last Update: January 9, 2018 (d.vigil)

Tasks
Provide a detailed description of each task using the following format:
Task 2 - Grade the crest of the dam
Description of Task:
Grade the crest of the dam to make the crest level and to correct drainage.
Method/Procedure:
<ol style="list-style-type: none"> 1) Obtain all necessary permits and authorizations from governmental agencies. This includes the U.S. Forest Service and the Army Corps of Engineers. 2) Drain the reservoir and allow the ground below the high water line to dry. 3) Hire the services of a contractor with experience in complying with regulations for working on National Forest land and with experience doing maintenance on dams. 4) The contractor will remove appropriate earthen material from below the high water line of the reservoir, and place it on the crest of the dam. The contractor will compact this material and grade the entire crest of the dam to make the crest level from east to west and have a slight downward slope to the north. This will allow water on the crest will drain onto the face of the dam and not the back side of the dam. The Colorado Division of Water Resources dam inspector for our area is in agreement with this procedure.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
<ol style="list-style-type: none"> 1) Approximately 560 feet of dam crest: filled, leveled, and graded for appropriate drainage.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
<ol style="list-style-type: none"> 1) Before and after photos of the completed riprap.

Repeat for Task 3, Task 4, Task 5, etc.



Last Update: January 9, 2018 (d.vigil)

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.



Colorado Water Conservation Board

Water Supply Reserve Fund

EXHIBIT B - BUDGET AND SCHEDULE - Direct & Indirect (Administrative) Costs

Date: (Including all edit dates) 02/01/2018

Water Activity Name: Riprap the face of the dam of the Kehmeier Reservoir (structural activity)

Grantee Name: Keh – Land Company

<u>Task No.</u> ⁽¹⁾	<u>Description</u>	<u>Start Date</u> ⁽²⁾	<u>End Date</u>	<u>Matching Funds</u> (cash & in-kind) ⁽³⁾	<u>WSRF Funds</u> (Basin & Statewide combined) ⁽³⁾	<u>Total</u>
1	Riprap on the face of the dam	09/01/18	12/01/19	\$5,000	\$4,500	\$9,500
2	Grade the crest of the dam	09/01/18	12/01/19	\$500	\$500	\$1,000
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
						\$0
Total				\$5,500	\$5,000	\$10,500

(1) The single task that include costs for Grant Administration must provide a labor breakdown (see Indirect Costs tab below) where the total WSRF Grant contribution towards that task does not exceed 15% of the total WSRF Grant amount.

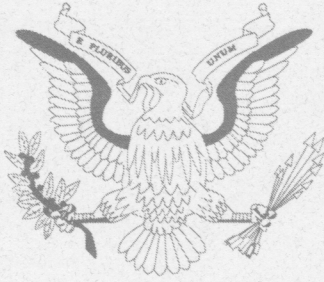
(2) Start Date for funding under \$100K - 45 Days from Board Approval; Start Date for funding over \$100K - 90 Days from Board Approval.

(3) 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 signed State Agreement.

The CWCB will pay the last 10% of the entire water activity budget when the Final Report is completed to the satisfaction of the CWCB staff project manager. Once the Final Report has been accepted, the final payment has been issued, the water activity and purchase order (PO) or contract will be closed without any further payment. Any entity that fails to complete a satisfactory Final Report and submit to the CWCB with 90 days of the expiration of the PO or contract may be denied consideration for future funding of any type from the CWCB.

- Additionally, the applicant shall provide a progress report every 6 months, beginning from the date of contract execution
- Standard contracting procedures dictate that the Expiration Date of the contract shall be 5 years from the Effective Date.



ERIK FRITCHMAN ■ OWNER
13373 2600 ROAD ■ ECKERT, CO 81418

OFFICE (970) 835.4039 ■ CELL (970) 640.2925

FRITCHMAN EXCAVATION

June 21, 2018

Bid For:
Paul Kehmeier

<u>Description</u>	<u>Supplies</u>		<u>Cost</u>
<u>Task</u>	<u>Quantity</u> <u>(Cubic yards)</u>	<u>Unit cost</u> <u>(Cubic yard)</u>	<u>Total cost</u> <u>for this task</u>
#1 Place riprap rocks on the face of the Dam (Excavation and placement of on-site Material)	167	\$56.89	\$9,500.63
#2 Grade crest of dam and correct Drainage (Excavation and placement of on-Site material)	70	\$14.28	<u>\$999.60</u>
		Total Project Cost	\$10,500.23

*Price good for 30 days

Owner Agreement:

Paul Kehmeier

Date: June 23, 2018