



Colorado – Kendall Rehabilitation Improvements Project
POGG1 2019-2445

November 2, 2018

Kendall Reservoir Company
Attn: Harold Teff, President
977 Mancos Way
Fruita, CO 81521

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 \$18,900.00. This letter authorizes you to proceed with the Investigations & Engineering Design of Kendall Rehabilitation Improvements 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, Kendall Reservoir 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

Page 1 of 1

ORDER

*****IMPORTANT*****

Number: POGG1,PDAA,201900002445

Date: 11/1/18

Description:

PDAA 2500 WSRF KENDALL REHAB
IMPROVEMENT_CRB

Effective Date: 11/01/18

Expiration Date: 11/30/19

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

KENDALL RESERVOIR COMPANY
977 MANCOS WAY
FRUITA, CO 81521

Contact: HAROLD TEFF

Phone: .

EXTENDED DESCRIPTION

Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
1	G1000		0	0.00	\$18,900.00	<input type="checkbox"/>
Description: PDAA 2500 WSRF KENDALL REHAB IMPROVEMENT_CRB						

Service From: 11/01/18

Service To: 11/30/19

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 = \$18,900.00



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

Colorado Water Conservation Board	
Water Supply Reserve Fund	
<u>Exhibit A - Statement of Work</u>	
Date: (include all edit date)	5/14/18, 7/30/18
Water Activity Name:	Investigations & Engineering Design of Kendall Reservoir Rehabilitation Improvements
Grant Recipient:	Kendall Reservoir Company
Funding Source:	Colorado 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>Kendall Reservoir (also referred to as Kenney Creek Reservoir) is located on the Grand Mesa in Mesa County Colorado, just south of Vega Reservoir. The reservoir stores approximately 87 acre-feet (AF) of water used primarily for mid-summer application of water to about 250 acres of alfalfa, meadow hay and pasture. This reservoir also supports the US Forest Services' recreational uses.</p> <p>The water rights associated with Kendall Reservoir are owned by both private interests and the US Forest Service. The private water rights owners are the applicants for this grant and hold the easements for reservoir access with the US Forest Service. The Reservoir Company and US Forest Service have a good working relationship and coordinate regularly to maintain access to and condition of the reservoir.</p> <p>The State Engineer's Office conducted an inspection of Kendall Dam in June 2016 and identified recommendations for improving the condition and safety of the structure and extending the useful life of the dam (see attached report). Conditions observed during the inspection resulted in an overall rating of "unsatisfactory" with the existing storage level of zero storage. The zero storage restriction has since been removed (due to a change in the dam's classification from a jurisdictional dam to a non-jurisdictional dam) however rehabilitation of the reservoir still need to occur to support the agricultural and recreational uses.</p> <p>The WSRF request will include field survey, investigation and testing, planning and engineering design services to develop construction drawings and specifications for construction of the identified dam rehabilitation by the SEO.</p>	
Objectives: (List the objectives of the project)	
Retain field and engineering services to develop construction drawings and specifications to rehabilitate the Kendall Reservoir dam and reservoir.	
Tasks	
Provide a detailed description of each task using the following format:	



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

<u>Task 1 - Conduct Field Investigations</u>
Description of Task: <ol style="list-style-type: none">1. Conduct field survey to support the engineering design2. Conduct geotechnical survey and soils analysis
Method/Procedure: <ol style="list-style-type: none">1. Retain field services to investigate the outlet pipe, develop site survey data and topography, and geotechnical surveys and soils analysis to support the engineering designs.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Site-specific data that will inform the detailed engineering designs for the necessary reservoir rehabilitation. <ol style="list-style-type: none">1. Test fill results, updated leak data2. Soil survey results
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Specific survey reports will be included in the engineering drawings and specifications package for the reservoir rehabilitation design.



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

Tasks
Provide a detailed description of each task using the following format:
<u>Task 2 - Engineering Design and Construction Drawings and Specifications Package (Bid Documents, Technical Only)</u>
Description of Task:
<ol style="list-style-type: none">1. Hire an engineering firm to assist in completion of the project2. Develop 60% Design Drawings3. Meet with the USFS and Reservoir owners to obtain buy-in and support of the 60% Design4. Coordinate and communicate with the US Forest Service regarding the project permitting and schedule (access, etc.)5. Develop 100% Design Drawings and Specifications for Construction6. Develop Engineer's Estimate of Probable Construction Costs
Method/Procedure:
<ol style="list-style-type: none">1. Communicate within the ownership group to develop plans and objectives for the project.2. Identify and retain the engineering firm best capable to develop the design drawings.3. Conduct a site visit and meet with the engineering firm to provide information and answer questions.4. Meet with US Forest Service representatives to assure easement requirements are met and any requirements are satisfied. Inform the engineering firm about any design, access, and/or construction restrictions, etc.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
<ol style="list-style-type: none">1. 100% Design Drawings and Technical Specifications for the reservoir rehabilitation.2. Permitting documents and access recommendations from USFS
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
<ol style="list-style-type: none">1. 100% Design Drawings and Technical Specifications for the reservoir rehabilitation.2. Construction Cost estimate based upon final design.3. Copy of engineering documents4. Status on permitting and access5. Status on contracting and processes



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

Tasks
Provide a detailed description of each task using the following format:
<u>Task 3 – Reservoir Leak Test and Project Management/Grant Administration</u>
Description of Task:
<ol style="list-style-type: none">1. Conduct a test fill of the reservoir for leak and operational analysis2. Provide Grant Administration and Project Management of the engineering investigations and design
Method/Procedure:
<ol style="list-style-type: none">1. Conduct a reservoir leak test to determine the water losses from the reservoir and locations.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
<ol style="list-style-type: none">1. Leak Test Data
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
<ol style="list-style-type: none">1. Leak Test Summary report2. Invoice and Progress Reporting Submittals to CWCB

Budget and Schedule
<u>Exhibit B - Budget and Schedule:</u> 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 <u>excel format</u> . A separate <u>excel formatted</u> 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: <ul style="list-style-type: none">• 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.



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

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.

EXHIBIT B - BUDGET AND SCHEDULE

Water Activity Name: Investigations & Engineering Design of Kendall Reservoir Rehabilitation Improvements

<u>Task No.</u> ⁽¹⁾	<u>Description</u>	<u>Start Date</u> ⁽²⁾	<u>End Date</u>	<u>Matching Funds</u> <u>(cash & in-kind)⁽³⁾</u>	<u>WSRF Funds</u> <u>(Basin &</u> <u>Statewide</u> <u>combined)⁽³⁾</u>	<u>Total</u>
1	Conduct Field Investigations	11/1/2018	8/1/2019	\$0.00	\$4,900.00	\$4,900.00
2	Engineering Design and Construction Drawings and Specifications Package	6/1/2019	9/1/2019	\$8,200.00	\$14,000.00	\$22,200.00
3	Leak testing and Grant Administration	11/1/2018	11/30/2019	\$2,300.00	\$0.00	\$2,300.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
Total				\$10,500.00	\$18,900.00	\$29,400.00

- Additionally, the applicant shall provide a progress report every 6 months, beginning from the date of contract execution