



Gunnison – Redlands Water & Power Company
Pump Station Modernization Feasibility Study
Contract CORE No. POGG1 2019-2040
CMS #

July 18, 2018

Redlands Water and Power Company
Attn: Kevin Jones, Superintendent/Board Member
Attn: Rae Shannon, Office Manager
2216 S. Broadway
Grand Junction, CO 81507

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 \$63,000.00. This letter authorizes you to proceed with the Pump Station Modernization Feasibility Study 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, Redlands Water and Power 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

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ORDER

*****IMPORTANT*****

Number: POGG1,PDAA,201900002040

Date: 7/18/18

Description:

PDAA WSRF - PUMP STATION MODERNIZATION
FEAS STUDY

Effective Date: 07/18/18

Expiration Date: 12/31/20

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

REDLANDS WATER AND POWER COMPANY
2216 SOUTH BROADWAY
GRAND JUNCTION, CO 81507

Contact: .

Phone: .

EXTENDED DESCRIPTION

Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
1	G1000		0	0.00	\$25,500.00	<input type="checkbox"/>

Description: PDAA WSRF - PUMP STATION MODERNIZATION FEAS STUDY

Service From: 07/18/18

Service To: 12/31/20

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

Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
2	G1000		0	0.00	\$37,500.00	<input type="checkbox"/>

Description: PDAA WSRF - PUMP STATION MODERNIZATION FEAS STUDY

Service From: 07/18/18

Service To: 12/31/20

Delivery Instructions

FOB: FOB Dest, Freight Allowed

Delivery Date: -



STATE OF COLORADO
Department of Natural Resources

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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	
TERMS AND CONDITIONS			
https://www.colorado.gov/pacific/osc/small-dollar-grant-award-terms-conditions			
DOCUMENT TOTAL = \$63,000.00			



Last Update: May 19, 2017

Colorado Water Conservation Board	
Water Supply Reserve Fund	
<u>Exhibit A - Statement of Work</u>	
Date:	October 12, 2017
Water Activity Name:	Redlands Water and Power Company pump station modernization feasibility study
Grant Recipient:	Redlands Water and Power Company
Funding Source:	
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.)	
<i>The Redlands Water and Power Company (RWPC) is requesting funding to complete a feasibility study to modernize their Pump Station No. 1 pumping facility. RWPC intends to complete a comprehensive alternatives analysis and feasibility study in order to initiate a design build project. Construction of the Pump Station began in 1917 and it is still in use today. The maximum output is 65 cfs. The four electric horizontal centrifugal pumps are located in the pump pit allowing for positive suction head. There is one vertical turbine-regulating pump located outside the pump house in the canal prism. The pump house is in need of extensive upgrade and modification and the electrical switchgear and power-lines need replacement to meet National Electrical Code (NEC) standards.</i>	
Objectives: (List the objectives of the project)	
<i>Select a preferred alternative and prepare a document sufficient that RWP can pursue implementation funding.</i>	



Last Update: May 19, 2017

Tasks
Provide a detailed description of each task using the following format:
<u>Task 1 - Alternatives Analysis</u>
Description of Task: <i>This task consists of a kickoff meeting with RWP board, Management and Operations staff where the team will choose 3 proposed alternatives for the consultant to analyze. (1.1)</i> <i>After the first meeting, the consultant will draft three memoranda outlining three alternatives. The memoranda will outline in very broad terms the pros and cons of each alternative, the functionality of each alternative and any order of magnitude expected differences in cost. (1.2)</i> <i>After the memoranda are presented to the RWP board, Management and Operations staff a second meeting will be held and a preferred alternative chosen by the group. (1.3)</i>
Method/Procedure: <i>The procedure will be to gather information and ideas from RWP. Briefly evaluate alternatives and choose a preferred alternative.</i>
Grantee Deliverable: (Describe the deliverable the grantee expects from this task) <i>Three memoranda of alternatives, meeting minutes from 2nd meeting confirming preferred alternative.</i>
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task) <i>Documents from Grantee deliverable will be shared with CWCB staff.</i>



Last Update: May 19, 2017

Tasks
Provide a detailed description of each task using the following format:
<u>Task 2 - Project Cost Estimate</u>
Description of Task: <i>J-U-B Engineers, Inc. (J-U-B) western Colorado office will develop a conceptual Plan of the preferred alternative. (2.1)</i> <i>J-U-B will engage with a potential design/build contractor or construction contractor who has completed similar projects to assist with cost estimate and project feasibility (2.2)</i> <i>J-U-B will develop cost estimates associated with the conceptual plan and the following elements:</i> <ul style="list-style-type: none">- <i>Water control structures (2.3)</i>- <i>Electrical (sub contracted to electrical PE) (2.4)</i>- <i>Building (2.5)</i>- <i>Pumps and piping (2.6)</i>
Method/Procedure: <i>J-U-B will utilize available project data and data from past projects of similar scope to develop cost estimates. We will also engage with a design/build contractor or construction contractor to assist with project cost development.</i>
Grantee Deliverable: (Describe the deliverable the grantee expects from this task) <i>Task 2 deliverable will be developed in task 3.</i>
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task) <i>Documents from Grantee deliverable will be shared with CWCB staff.</i>



Last Update: May 19, 2017

Tasks
Provide a detailed description of each task using the following format:
<u>Task 3 - Final Report of Findings</u>
Description of Task: <i>J-U-B Engineers, Inc. (J-U-B) western Colorado office will develop a final report outlining the preferred alternative and associated estimated costs.</i>
Method/Procedure: <i>J-U-B will create an engineering report outlining the preferred alternative and estimated costs of implementation along with a draft-funding plan and proposed schedule.</i>
Grantee Deliverable: (Describe the deliverable the grantee expects from this task) <i>Task 3 deliverable will be an engineering report with sufficient data for the RWP to pursue project funding for project implementation.</i>
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task) <i>Documents from Grantee deliverable will be shared with CWCB staff.</i>



Last Update: May 19, 2017

Budget and Schedule

Budget: This Statement of Work and Schedule shall be accompanied by a Budget ([link?](#)) that reflects the Tasks identified in the Statement of Work and Schedule and shall be submitted to CWCB in an excel format.

Schedule: This Statement of Work and Budget shall be accompanied by a Schedule ([link?](#)) that reflects the Tasks identified in the Statement of Work and Budget and shall be submitted to CWCB in an excel format.

Reporting Requirements

Reporting: The grantee shall provide their respective Roundtable(s) and the CWCB a Progress Report every 6 months, beginning from the date of executed contract. The Progress Report shall describe the status of the water activity, 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 to address these issues. The CWCB may withhold reimbursement until satisfactory Progress Reports have been submitted.

Final Deliverable: At the completion of the water activity, the grantee shall provide their respective Roundtable(s) and the CWCB a final report on the grantee's letterhead that:

- Summarizes the water activity and how the water activity was completed
- Describes any obstacles encountered, and how these obstacles were overcome
- Explains the Proposed Budget versus the Actual Budget
- Confirms that all matching commitments have been fulfilled
- Includes photographs, summaries of meeting and engineering reports/design, if appropriate

The CWCB will withhold the last 10% of the entire water activity budget until 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.

Last Update: May 19, 2017



COLORADO

Colorado Water
Conservation Board

Department of Natural Resources

Colorado Water Conservation Board

Water Supply Reserve Fund

Exhibit A - BUDGET AND SCHEDULE (revised 5/3/18)

Water Activity Name: RWP pumping plant alternatives analysis

Grantee Name: Redlands Water and Power Company

<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	Determination and selection of preferred alternative	<u>7/18/2018</u>	<u>12/31/2018</u>	\$2,100	\$11,196	<u>\$13,296</u>
2	Conceptual plan development	<u>7/18/2018</u>	<u>12/31/2020</u>	\$9,300	\$42,204	<u>\$51,504</u>
3	Drafting final report	<u>8/1/2018</u>	<u>12/31/2020</u>	\$600	\$9,600	<u>\$10,200</u>
*Dates subject to change based on "kickoff" date				\$12,000	\$63,000	<u>\$75,000</u>

(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 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 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).