



COLORADO

**Colorado Water
Conservation Board**

Department of Natural Resources
1313 Sherman Street, Room 718
Denver, CO 80203

WSRF Grant – Gunnison Pumpline
Replacement Project
POGG1 2020-2970

April 1, 2020

Redlands Water and Power Company
Attn: Kyle Vanderberg, Superintendent
2216 South 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 request for funding for your project pursuant to the WSRF Grant Program (“Program”). This letter authorizes you to proceed with the Pipeline Replacement 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.

If you have any questions or concerns regarding the project, please contact Cole Bedford, Project Manager at 303-866-3441 or at Cole.Bedford@state.co.us. Please send all grant correspondence directly to the project manager and cc me on your invoice billing requests.

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.us

Cc: Nick Emmendorfer, Project Engineer





STATE OF COLORADO

Department of Natural Resources

Page 1 of 2

ORDER		*****IMPORTANT*****				
Number:	POGG1,PDAA,202000002970	The order number and line number must appear on all invoices, packing slips, cartons, and correspondence.				
Date:	3/31/20	BILL TO				
Description:	PDAA WSRF CMS# 160173 Pumpline Replacement Project	COLORADO WATER BOARD CONSERVATION 1313 SHERMAN STREET, ROOM 718 DENVER, CO 80203				
Effective Date:	05/01/20	SHIP TO				
Expiration Date:	05/30/21	COLORADO WATER BOARD CONSERVATION 1313 SHERMAN STREET, ROOM 718 DENVER, CO 80203				
BUYER		SHIPPING INSTRUCTIONS				
Buyer:		Delivery/Install Date: -				
Email:		FOB: FOB Dest, Freight Allowed				
VENDOR						
REDLANDS WATER AND POWER COMPANY 2216 SOUTH BROADWAY GRAND JUNCTION, CO 81507						
Contact:	Rae Shannon					
Phone:	970-243-2173					
VENDOR INSTRUCTIONS						
EXTENDED DESCRIPTION						
Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
1	G1000		0	0.00	\$50,000.00	<input type="checkbox"/>
Description: PDAA WSRF CMS#160173 Pumpline Replacement Projec						
Service From: 05/01/20			Service To: 05/30/21			
Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
2	G1000		0	0.00	\$75,000.00	<input type="checkbox"/>
Description: PDAA WSRF CMS# 160173 Pumpline Replacement Projec						
Service From: 05/01/20			Service To: 05/30/21			
TERMS AND CONDITIONS						
https://www.colorado.gov/pacific/osc/small-dollar-grant-award-terms-conditions						
REASON FOR MODIFICATION						
Change Order Number: 1						



STATE OF COLORADO
Department of Natural Resources

Page 2 of 2

Modification so that MVC can be approve this over \$100,000 PO.

DOCUMENT TOTAL = \$125,000.00

Last Update: January 9, 2018

Colorado Water Conservation Board	
Water Supply Reserve Fund	
<u>Exhibit A - Statement of Work</u>	
Date:	08/01/2019
Water Activity Name:	RWPC Pumphline Replacement Project (The Project)
Grant Recipient:	Redlands Water and Power Company (RWPC)
Funding Source:	WSRF Basin and Statewide Accounts
<p>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> <p>RWPC has maintained its pumphline since it was installed in 1944, and has replaced significant portions of the pumphline at its own expense. However, the remaining unreplaced section of the pumphline has far outlived its design life and deteriorates due to age, corrosion, and rust. RWPC expends countless man hours and equipment patching up leaking sections of pumphline to maintain deliveries. To continue to pump irrigation water to the Redlands community of Grand Junction and Mesa County, RWPC must replace their existing pumphline, which provides irrigation water for thousands of residents, including residential lawns/gardens and agricultural lands.</p> <p>The Project will replace pre-2007 sections of the existing pumphline with 100 feet of 48-inch steel pipe, and 900 feet of 48-inch HDPE pipe. The entire project is within RWPC property with portions of the pumphline (a 900-foot section) installed beneath RWPC's dirt maintenance road. The Project will also include a parallel 12-inch HDPE pipeline with turnouts for users that receive water directly from the pumphline. See <i>Attachment A – RWPC Pumphline Replacement Project Location Map and Attachment D – Pumphline Preliminary Design Exhibit</i>.</p> <p>WSRF funds will be used for project construction. A cost estimate for the pumphline replacement is found in <i>Attachment B</i>.</p>	
<p>Objectives: (List the objectives of the project)</p>	



Image 1 – Existing 48-inch steel pipe



Last Update: January 9, 2018

The Project offers the following objectives/benefits:

1. Modernized water delivery (pumpline) system that will provide long-term irrigation water delivery reliability and security for 8,685 residents/farmers living on the Redlands bench lands.
2. Reduce risk of a failing pumpline that continues to deteriorate due to age, corrosion and rust, and on which countless man hours have been expended to patch up compromised sections of the pipeline that leak and disrupt the flow of irrigation deliveries.
3. Reduce rising costs and frequency of repairs as outdated equipment is replaced with modernized equipment.
4. Protect existing RWPC water rights on the Gunnison River, including recreational water users who rely on flows maintained by RWPC in the section of river between Delta and Grand Junction.

Tasks

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

Task 1 – Engineering (\$30,000)

Description of Task:

Task 1: Engineering – The 2019 Feasibility Study provided conceptual design. Task 1 will develop final design, preparation of all bid documents, and completion of any necessary bid related tasks. Task 1 will be entirely covered by matching funds.

Method/Procedure:

Pumpline modeling will be performed using standard engineering practices to ensure the design material and capacity is sufficient. Specifications will be written in accordance with modeled requirements and will be written in standard Engineers Joint Contract Documents Committee (EJCDC) format. Plan drawings will be developed in accordance with generally accepted industry standards and provide sufficient detail such that the pumpline can be constructed according to engineered design.

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

A completed set of stamped drawings and specifications ready for advertised bid requests will be delivered. RWPC will utilize invitation to bid, to call for sealed bids. Deliverables will be shared with the Colorado Water Conservation Board.

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

A completed set of industry acceptable drawings will be stamped and sealed by a Colorado registered professional engineer. A set of accompanying specifications will also be stamped and sealed by a Colorado registered professional engineer (Grantee deliverables shall be shared with CWCB).

Task 2 – Construction (\$405,279)



Last Update: January 9, 2018

Description of Task:
<p>Task 2: Construction – estimated construction to begin in November 2020. RWPC is requesting \$125,000 in WSRF funds (\$50,000 from Basin Account; \$75,000 from Statewide Account) to help with construction.</p> <p>Construction includes:</p> <ul style="list-style-type: none">-Mobilization-Pipe and pipe fitting installation-Parallel feeder line and turnouts-Replacement of the steel pipe over the power canal and concrete supports-Imported bedding and foundation material-Inline thrust blocks-Removal and disposal of existing pipe
Method/Procedure:
<p>The contractor will install the pumpline in accordance with the engineered plans and specifications. Construction activities will be performed to provide minimal disturbance to neighbors and other stakeholders (the width of the maintenance road over the pumpline makes disruption unlikely). Construction means and methods will be managed by a construction engineer (Task 3).</p>
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
<p>The construction task will result in a fully operable and properly installed pumpline for Redlands Water and Power Company. Construction will include proper disposal of existing infrastructure and site restoration consistent with existing conditions.</p>
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
<p>CWCB Deliverable shall be the grantee deliverable from this task. Additionally, grantee shall provide proof of paid invoices for materials and services rendered, as required by the grant terms and conditions.</p>
Task 3 – Construction Management (\$15,000)
Description of Task:
<p>Task 3: Construction Management – construction engineer will oversee construction to ensure construction products, means, and methods are consistent with those specified in the design. Photo logs of construction progress, progress reports, and as-built drawings from the engineer will provide record of the Project. This portion of the Project will be entirely covered by matching funds.</p>
Method/Procedure:
<p>The engineer will reference the plans and specifications and ensure that construction is consistent with the plans. Should unforeseen circumstances be encountered, the on-site construction manager will coordinate with the design engineer to ensure any design changes are safe and acceptable.</p>
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)

Last Update: January 9, 2018

Progress reports will be delivered to RWPC, and as required, to CWCB. Photos will accompany progress reports. As-built drawings will be provided.

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

Construction photos, progress reports, as-built drawings (Grantee deliverable shall be shared with CWCB).

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. See Attachment B – Cost Estimate**

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

Last Update: January 9, 2018

Reporting Requirements

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: July 31, 2018



COLORADO

Colorado Water
Conservation Board

Department of Natural Resources

Colorado Water Conservation Board

Water Supply Reserve Fund

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

Date: 7/17/2019

Water Activity Name: Pumphline Replacement Project

Grantee Name: Redlands Water and Power Company (RWPC)

<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	Engineering	10/1/2019	11/1/2020	\$30,000	\$0	\$30,000
2	Construction	11/1/2020	4/1/2021	\$280,279	\$125,000	\$405,279
3	Construction Management	11/1/2020	5/30/2021	\$15,000	\$0	\$15,000
Total				\$325,279	\$125,000	\$450,279

(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.

• Additional documentation providing a Detailed/Itemized Budget may be required for contracting. Applicants are encouraged to coordinate with the CWCB Project Manager to determine specifics.

• 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.

