



COLORADO

Colorado Water
Conservation Board

Department of Natural Resources

Contract CORE No. POGG1 2018-856
CMS #

April 20, 2018

Parkville Water District
Attn: Greg Teter, General Manager
Attn: Francine Quinn, Office Manager
2015 Poplar Street
Leadville, CO 80461

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 \$73,495.00. This letter authorizes you to proceed with the Mountain Lake Emergency Spillway Rebuild 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, Parkville Water 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 Rachel Pittinger, Project Manager at 303-866-3441 or at Rachel.Pittinger@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 / cwc.state.co.us

Attachments



STATE OF COLORADO
Department of Natural Resources

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ORDER		*****IMPORTANT*****				
Number:	POGG1,PDAA,201800000856	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.				
Date:	4/20/18					
Description:	PDAA 2500 WSRF - MTN LAKE SPILLWAY REBUILD_ARK RIVER BASIN					
Effective Date:	04/20/18	Expiration Date: 09/30/20				
BUYER						
Buyer:						
Email:						
VENDOR						
PARKVILLE WATER DISTRICT 2015 N POPLAR ST LEADVILLE, CO 80461-3356						
Contact: .						
Phone: 719-486-1449						
EXTENDED DESCRIPTION						
Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
1	G1000		0	0.00	\$6,681.00	<input type="checkbox"/>
Description: PDAA 2500 WSRF - MTN LAKE SPILLWAY REBUILD_ARK RIVER BASIN						
Service From: 04/20/18			Service To: 09/30/20			
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	\$66,814.00	<input type="checkbox"/>
Description: WSRF - PDAA 2500 MTN LAKE SPILLWAY REBUILD_ARK RIVER BASIN						
Service From: 04/20/18			Service To: 09/30/20			
Delivery Instructions						
FOB: FOB Dest, Freight Allowed			Delivery Date: -			



STATE OF COLORADO
Department of Natural Resources

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 = \$73,495.00			



Last Update: October 24, 2017

Colorado Water Conservation Board	
Water Supply Reserve Fund	
<u>Exhibit A - Statement of Work</u>	
Date:	
Water Activity Name:	Mountain Lake Spillway Rebuild
Grant Recipient:	Parkville Water District
Funding Source:	WSRF- Statewide and Basin Accounts
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>The Mountain Lake Spillway Rehabilitation Project consists of a complete rebuild of emergency spillway, and spillway discharge ditch, on the dam at Mountain Lake Reservoir. The existing spillway was constructed in 1904 and none of the original concrete structure still exists. The current condition of the spillway is subject to erosion particularly during spring runoff and mountain storm events. Erosion through the spillway could cause damage to the dam. Mountain Lake Dam is classified as a “Significant Hazard” dam by the SEO due to population in the inundation area. The current alignment of the spillway ditch is also a hazard as it is parallel to and adjacent to the toe of the dam (10’ from toe). The current spillway ditch is also unlined and has no riprap erosion protection. Mountain Lake Reservoir holds approximately 40% of the raw water storage for the city of Leadville and areas of Lake County.</p>	
Objectives: (List the objectives of the project)	
<ul style="list-style-type: none">• Re-build and repair the existing spillway• Successfully construct the Control Wall, Riprap Endwall and Discharge Channel• Develop erosion control and environmental rehabilitation/ revegetation• Eliminate classification as a “Significant Hazard” and provide protection for Lake County residents• Secure storage for precious domestic and irrigation water resources in Lake County	



Last Update: October 24, 2017

Tasks
Provide a detailed description of each task using the following format:
<u>Task 1 – Permitting and Pre-Construction</u>
Description of Task: A survey will be conducted of the Mountain Lake Spillway and Dam. All permitting will be obtained and QA/ QC testing will be conducted.
Method/Procedure: <ul style="list-style-type: none">• Contract to conduct a survey of the Mountain Lake dam and spillway• All necessary permits will be obtained by Parkville Water District• Parkville Water District Staff will conduct QA/ QC testing
Grantee Deliverable: (Describe the deliverable the grantee expects from this task) Survey and QA/ QC testing complete and permits obtained.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task) Reporting will be provided to the CWCB of all permitting, survey, and QA/QC testing reports. This task will be reflected in the Matching Budget.



Last Update: October 24, 2017

Tasks
Provide a detailed description of each task using the following format:
<u>Task 2 – Design</u>
Description of Task:
Develop an engineering design for spillway rebuild and construction.
Method/Procedure:
<ul style="list-style-type: none">• Contract with Engineer to design spillway rebuild• Review draft• Final design
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
. Final design complete
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
. Reporting and copy of the design will be provided to the CWCB and reflected in the Matching Budget



Last Update: October 24, 2017

Tasks
Provide a detailed description of each task using the following format:
<u>Task 3 – Construction</u>
Description of Task: This task consists of constructing a Control Wall, Riprap Endwall, Discharge Channel, and providing environmental rehabilitation. See Method/ Procedure for construction details.
Method/Procedure: <ul style="list-style-type: none">• Control Wall<ul style="list-style-type: none">○ Demo existing structure, excavate and construct reinforced concrete structure, backfill and compact, install riprap apron w/geotextile, install staff gage.• Riprap Endwall<ul style="list-style-type: none">○ Excavate for and install reinforced concrete, backfill/compaction.• Discharge Channel<ul style="list-style-type: none">○ Clearing and Grubbing, Strip and Stockpile Topsoil, Excavate, Load, Haul, Fine Grade, Install geotextile and riprap.• Environmental<ul style="list-style-type: none">○ Topsoil spreading fine grading, load and haul, Seeding, Environmental BMP's silt fence, straw bales.
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Construction complete and spillway rebuilt.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Reporting will be provided on all construction tasks along with photos and invoices. This task will be reflected in the Matching and WSRF budgets and reimbursement will be submitted to the CWCB.



Last Update: October 24, 2017

Tasks
Provide a detailed description of each task using the following format:
<u>Task 3 – Contractor Additional Costs</u>
Description of Task: Additional tasks will be conducted by the contractor including: Mobilization and Demobilization for all construction equipment, receiving bond insurance, and overhead expenses.
Method/Procedure: <ul style="list-style-type: none">• Contractor will receive bond insurance for the construction project• Contractor will be responsible for mobilization and demobilization of all construction equipment• Additional overhead expenses are assumed (labor, parts, equipment)
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Successful completion of project by the contractor
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Reporting will be provided on all contractor tasks and invoices will be included. This task will be reflected in the WSRF budget and reimbursement will be submitted to the CWCB.



Last Update: October 24, 2017

Tasks
Provide a detailed description of each task using the following format:
<u>Task 5 – Project Management</u>
Description of Task: Parkville Water District Staff will provide project management of the proposed project. Greg Teter District Manager will provide construction oversight and overall project management and reporting. Office Manager Francine Quinn will assist with WSRF grant management.
Method/Procedure: <ul style="list-style-type: none">• District Manager will provide construction oversight and observation through the duration the project• District Manager will provide overall project management• District Manager will prepare reports and reimbursement for CWCB• Office Manager will assist District Manager to prepare and submit all documents to the CWCB
Grantee Deliverable: (Describe the deliverable the grantee expects from this task)
Successful project management of all tasks. Final report and reimbursement documentation submitted by contract date.
CWCB Deliverable: (Describe the deliverable the grantee will provide CWCB documenting the completion of this task)
Reporting of project management will be included in the final report. A final report with all documents will be sent to the CWCB. Final reimbursement documentation will be sent to the CWCB. This task will be reflected in the matching budget as an in-kind contribution.

**COLORADO**Colorado Water
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Colorado Water Conservation Board**Water Supply Reserve Fund
Exhibit B - BUDGET AND SCHEDULE****Date Prepared: 1/24/18****Water Activity Name: Mountain Lake Spillway Rebuild****Grantee Name: Parkville Water District**

Task No.	Description	Start Date⁽¹⁾	End Date	Matching Funds (cash & in-kind)⁽²⁾	WSRF Funds (Basin & Statewide combined)⁽²⁾	Total
1	Permitting/ Pre-Construction	5/15/2018	8/15/2018	\$9,306	\$0	\$9,306
2	Design	5/15/2018	8/15/2018	\$10,776	\$4,775	\$15,551
3	Construction	8/15/2018	5/15/2020	\$0	\$58,200	\$58,200
4	Contractor Additional Costs	8/15/2018	5/15/2020	\$0	\$10,520	\$10,520
5	Project Management	5/15/2018	9/30/2020	\$11,417	\$0	\$11,417
Total				\$31,499	\$73,495	\$104,994

(1) The single task that include costs for Grant Administration must provide a labor breakdown (see Detailed Budget tab below) where the total WSRF Grant contribution**(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.