STATE OF COLORADO

Department of Natural Resources

ORDER

Number: POGG1,PDAA,201900002013

Date: 7/10/18

Description:

PDAA 2500 WSRF - OWL_TELLER DITCH_NPRB

Effective Date: 07/10/18

Expiration Date: 06/01/21

*****IMPORTANT*****

The order number and line number must appear on all invoices, packing slips, cartons, and correspondence.

BILL TO

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

BUYER

Buyer:

Email:

VENDOR

OWL MOUNTAIN PARTNERSHIP
PO BOX 737
WALDEN, CO 80480-0737

Contact: .

Phone: .

SHIP TO

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

SHIPPING INSTRUCTIONS

Delivery/Install Date: -

FOB: FOB Dest, Freight Allowed

VENDOR INSTRUCTIONS

EXTENDED DESCRIPTION

Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
1	G1000		0	0.00	$10,812.00	☐

Description: PDAA 2500 WSRF - OWL_TELLER DITCH_NPRB

Service From: 07/10/18 Service To: 06/01/21

TERMS AND CONDITIONS

https://www.colorado.gov/pacific/osc/small-dollar-grant-award-terms-conditions

DOCUMENT TOTAL = $10,812.00

Last Update: November 29, 2017

Colorado Water Conservation Board	
Water Supply Reserve Fund	
Exhibit A - Statement of Work	
Date:	**12/2/2017**
Water Activity Name:	**Water Structure Improvement Project**
Grant Recipient:	**Owl Mountain Partnership**
Funding Source:	**North Platte 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.

OMP proposes to:

- Replace the three existing, worn out headgates on the Old SC, Briggs Bohn and Teller ditches.
- Install new fish-friendly, rock diversions in the Michigan River and Jack Creek.
- Put a new measuring device in the Briggs Bohn ditch.
- Line a leaky, blow-out prone section of the Darcy ditch.

The new headgate structures will allow water users to control the amount of water entering the ditches as well as provide a positive shut-off at the water sources. The new, fish friendly, rock diversions will safely divert water into each ditch and alleviate the need for annual maintenance in the river/creek causing excessive erosion and sediment movement.

The proposed structures are critical in the delivery of irrigation water to storage and irrigated ground and are needed to safely, effectively and efficiently control and regulate irrigation water.

Ninety four percent of the WSRF funding will be used for installation/construction of the shovel ready project and the remaining six percent for administration costs.

Last Update: November 29, 2017

Objectives:

1. To safely, effectively and efficiently control and regulate irrigation water.
2. To reduce irrigation water induced erosion and sediment movement.
3. To improve irrigation water management.
4. To continue to create irrigation induced wetlands and riparian areas for wildlife habitat
5. To provide possible recreational opportunities.

Tasks

Task 1 – Old SC Ditch

A. *Need and Feasibility Determination*

NRCS will determine the need and feasibility of the proposed headgate on the Old SC ditch and the diversion structure in the Michigan River.

Method/Procedure:

NRCS personnel site visit to make the determination.

Grantee Deliverable:

Feasibility determination on the structures.

CWCB Deliverable:

NRCS will provide a feasibility determination letter to OMP who will forward the letter to CWCB.

Tasks

B. *Survey and Design*

NRCS will survey and design each structure and provide a set of plans to OMP and the contractor of choice.

Method/Procedure:

Tasks
GPS survey and autocad design.
Grantee Deliverable:
Implementation ready designs.
CWCB Deliverable:
Copy of implementation ready design
Tasks
C. Construction and Installation
The contractor will construct and install the headgate in the Old SC ditch and the diversion structure in the Michigan River.
Method/Procedure:
Lead producer for the Old SC ditch will hire a contractor to construct and install both the headgate and the diversion according to NRCS's design, standards and specifications.
Grantee Deliverable:
Installed structures
CWCB Deliverable:
OMP will provide photos of the installed structures.
Tasks
D. Certification Of Project Completion
NRCS will inspect and certify that the structures are complete, as per the NRCS engineered design and that they meet NRCS's standards and specifications.
Method/Procedure:
NRCS will make a field visit to the site. Complete an engineering field check/survey to assure that the structures are complete, constructed and installed according to the NRCS design and meets NRCS's standards and specifications.

Tasks
Grantee Deliverable:
A completed, functional structure for water control.
CWCB Deliverable:
Photos and a copy of the NRCS's certification of the structure
Tasks
Task 2 – Briggs Bohn Ditch
A. Need and Feasibility Determination
NRCS will determine the need and feasibility of the proposed headgate and measuring device in the Briggs Bohn ditch.
Method/Procedure:
NRCS personnel site visit to make the determination.
Grantee Deliverable:
Feasibility determination on the structures.
CWCB Deliverable:
NRCS will provide a feasibility determination letter to OMP who will forward the letter to CWCB.
Tasks
B. Survey and Design
NRCS will survey and design each structure and provide a set of plans to OMP and the contractor of choice.
Method/Procedure:
GPS survey and autocad design.
Grantee Deliverable:
Implementation ready designs.

Tasks
CWCB Deliverable:
Copy of implementation ready design
Tasks
C. Construction and Installation
The contractor will construct and install the headgate and the measuring device in the Briggs Bohn ditch.
Method/Procedure:
Lead producer for the Teller ditch will hire a contractor to construct and install both the headgate and the measuring device according to NRCS's design, standards and specifications.
Grantee Deliverable:
Installed structures.
CWCB Deliverable:
OMP will provide photos of the installed structures.
TASKS
D. Certification Of Project Completion
NRCS will inspect and certify that the structures are complete, as per the NRCS engineered design and that they meet NRCS's standards and specifications.
Method/Procedure:
NRCS will make a field visit to the site. Complete an engineering field check/survey to assure that the structures are complete, constructed and installed according to the NRCS design and meets NRCS's standards and specifications.
Grantee Deliverable:
A completed, functional structure for water control.

Tasks
CWCB Deliverable:
Photos and a copy of the NRCS's certification of the structure
Tasks
Task 3 – Teller Ditch
A. Need and Feasibility Determination
NRCS will determine the need and feasibility of the proposed headgate on the Teller ditch and the diversion structure in Jack Creek.
Method/Procedure:
NRCS personnel site visit to make the determination.
Grantee Deliverable:
Feasibility determination on the structures.
CWCB Deliverable:
NRCS will provide a feasibility determination letter to OMP who will forward the letter to CWCB.
Tasks
B. Survey and Design
NRCS will survey and design each structure and provide a set of plans to OMP and the contractor of choice.
Method/Procedure:
GPS survey and autocad design.
Grantee Deliverable:
Implementation ready designs.
CWCB Deliverable:

Tasks
Copy of implementation ready design

Tasks
C. Construction and Installation
The contractor will construct and install the headgate in the Teller ditch and the diversion structure in Jack Creek.
Method/Procedure:
Lead producer for the Teller ditch will hire a contractor to construct and install both the headgate and the rock diversion according to NRCS's design, standards and specifications.
Grantee Deliverable:
Installed structures
CWCB Deliverable:
OMP will provide photos of the installed structures.

TASKS
D. Certification Of Project Completion
NRCS will inspect and certify that the structures are complete, as per the NRCS engineered design and that they meet NRCS's standards and specifications.
Method/Procedure:
NRCS will make a field visit to the site. Complete an engineering field check/survey to assure that the structures are complete, constructed and installed according to the NRCS design and meets NRCS's standards and specifications.
Grantee Deliverable:
A completed, functional structure for water control.
CWCB Deliverable:
Photos and a copy of the NRCS's certification of the structure.

Tasks
Task 4 – Darcy Ditch
A. Need and Feasibility Determination
NRCS will determine the need and feasibility of the proposed pipe lining of the Darcy ditch.
Method/Procedure:
NRCS personnel site visit to make the determination.
Grantee Deliverable:
Feasibility determination on the structures.
CWCB Deliverable:
NRCS will provide a feasibility determination letter to OMP who will forward the letter to CWCB.
Tasks
B. Survey and Design
NRCS will survey and design the pipe lining and provide a set of plans to OMP and the contractor of choice.
Method/Procedure:
GPS survey and autocad design.
Grantee Deliverable:
Implementation ready designs.
CWCB Deliverable:
Copy of implementation ready design
Tasks
C. Construction and Installation

Tasks
The contractor will install the pipe in the Darcy ditch.
Method/Procedure:
Lead producer for the Darcy ditch will hire a contractor to install the pipe according to NRCS's design, standards and specifications.
Grantee Deliverable:
Installed structures
CWCB Deliverable:
OMP will provide photos of the installed structures.

Tasks
D. Certification Of Project Completion
NRCS will inspect and certify that the structures are complete, as per the NRCS engineered design and that they meet NRCS's standards and specifications.
Method/Procedure:
NRCS will make a field visit to the site. Complete an engineering field check/survey to assure that the pipe lining is complete, constructed and installed according to the NRCS design and meets NRCS's standards and specifications.
Grantee Deliverable:
A completed, functional structure for water control.
CWCB Deliverable:
Photos and a copy of the NRCS's certification of the structure

Budget and Schedule
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.

Last Update: November 29, 2017

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 indentified 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 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.