COLORADO
Colorado Water Conservation Board
Department of Natural Resources

1313 Sherman Street, Room 718
Denver, CO 80203

June 10, 2015

Pepper Canterbury, District Wildlife Manager
Colorado Division of Parks and Wildlife
P.O. Box 701
Walden, Co 80480

RE: Notice to Proceed - WSRA Grant – POGG1 2015-285 Mallon Extension Ditch Bypass in the North Platte River Basin

Dear Pepper,

This letter is to inform you that the purchase order to assist in the above WSRA grant project was approved on June 10, 2015. This email serves as the original documentation for your records.

With the executed purchase order, you are now able to proceed with the project and invoice the State of Colorado for costs incurred through November 15, 2015 according to the schedule in Exhibit A. Please provide the project name, contract or purchase order number, and basin when corresponding with or invoicing the State of Colorado for your project. Upon receipt of your invoice(s), the State of Colorado will provide payment no later than 30 days after review and signed approval by the project manager. I wish you much success in your project.

If you have any questions or concerns regarding the project, please contact me. You can contact Dori Vigil at 303-866-3441 ext. 3250 for invoicing and payment disbursement questions.

Sincerely,

//s//

Brent Newman
Program Manager
Water Supply Planning Section
O 303.866.3441 x3222 | C 303.681.8420
1313 Sherman Street, Suite 723, Denver, CO 80203
Brent.newman@state.co.us
www.cwcb.state.co.us **www.coloradowaterplan.com**

Attachments

STATE OF COLORADO
Department of Natural Resources

ORDER
Number: POGG1 PDAA 20150000000000000285
Date: 06/10/15
Description:
PDAA 2500 CDPW - Mallon Extension Ditch Bypass
Effective Date: 06/10/15 Expiration Date: 11/30/15

BUYER
Buyer:
Email:

VENDOR
Colorado Division of Parks and Wildlife
1313 Sherman St
RM 618
Denver, CO 80203

Contact: Pepper Canterbury
Phone: 970-723-4625

**** 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

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

SHIPPING INSTRUCTIONS
Delivery/Install Date:
F.O.B:
VENDOR INSTRUCTIONS:

Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
1	G1000		0	0.00	$35,000.00	☐

Description: PDAA 2500 CDPW - Mallon Extension Ditch Bypass NP Basin

Service From: 06/10/15 Service To: 11/30/15

TERMS AND CONDITIONS
https://www.colorado.gov/osc/purchase-order-terms-conditions

DOCUMENT TOTAL = $35,000.00

Exhibit A

Statement of Work

WATER ACTIVITY NAME –Mallon Extension Ditch Bypass Structure

GRANT RECIPIENT – Colorado Parks and Wildlife

FUNDING SOURCE – North Platte Basin Water Supply Reserve Account

INTRODUCTION AND BACKGROUND

The proposed project is the construction of a bypass structure, gate and measuring device located on the Mallon Extension of the Wolfer Ditch, which diverts water from Roaring Fork Creek. In addition to direct flow irrigation water, the ditch delivers water for storage in the South and East Delaney Butte Lakes within the Delaney Butte Lakes State Wildlife Area (SWA), one of the premier public flat water fishing destinations in North Park. Both Colorado Parks and Wildlife (CPW) and the private Double R Ranch hold water storage rights in the Delaney Lakes and cooperate jointly on the management and operation of the lakes for agricultural irrigation, piscatorial, recreational and environmental uses.

After the conclusion of irrigation, hay is typically cut on private land adjacent and down-gradient of the Mallon Extension. Prior to cutting, the ditch must be shut off in order to sufficiently dry out those fields lying below the ditch, and this typically occurs in mid-July. During this period however, water may still be available to CPW and the Double R Ranch for direct flow irrigation or for storage in the South and East Delaney Butte Lakes. In order to utilize available water, and accommodate the need to dry adjacent fields, water can be bypassed into Butte Creek as an alternate means of delivering water to the lakes. This effectively bypasses approximately 3 miles of the Mallon Extension Ditch so that seepage does not interfere with haying operations. Butte Creek is an intermittent tributary to Roaring Fork Creek and is typically dry if not for water introduced either by seepage or direct release from the Mallon Extension. Construction of a bypass structure to deliver water to the Delaney Lakes via Butte Creek will allow CPW and private land owners to maximize their ability to fill the lakes during what is often a very short window of opportunity between the end of the irrigation season and the onset of freezing conditions in North Park, without causing any disruption to agricultural operations on adjacent private lands. This will help ensure adequate water levels in the lake for piscatorial and recreational use, as well as help secure adequate storage for irrigation for the following season.

Once the project is completed, CPW will assume on-going responsibility for operation and maintenance of the structure.

OBJECTIVES

The objective of this project is to construct a bypass structure in the Mallon Extension of the Wolfer Ditch. This will allow ditch operators to control water so that it can be diverted out of the ditch and into Butte Creek as an alternate mode of delivery to the Delaney Butte Lakes and to irrigated agricultural lands situated below the lakes.

TASKS

TASK 1 – Determination of Project Need and Feasibility (COMPLETED)

Description of Task – Determine the need and feasibility of installing a bypass structure for water control in the Mallon Extension of the Wolfer Ditch

Method/Procedure – Site visit and with CPW staff including field personell and professional engineer, discussions with other ditch users and interested private land owners to assess current conditions and consider the need, feasibility and cost of installing a new structure

Deliverable – Project was determined to be needed and feasible

TASK 2 – Engineering Survey and Design (COMPLETED)

Description of Task – Perform on-site engineering survey and design for the bypass structure

Method/Procedure – Engineering survey and design completed by CPW registered professional engineer

Deliverable – An engineering plan, draft structure design and specifications, per CPW and State of Colorado requirements, and completed bid package (attached)

TASK 3 – Request for Bid Proposals

Description of Task – Undertake open bid process to identify and contract entities to perform the physical ground work.

Method/Procedure – CPW staff will undertake the creation and announcement for the scope of work necessary to receive bids for contracted labor for all aspects of implementation of the project. This includes the review and selection of incoming bids.

Deliverable – Contracted entities to accomplish the project work

TASK 4 – Mobilization of materials and equipment, site preparation

Description of Task – mobilization of equipment and materials and prepare site as specified in bid package

Method/Procedure – Performed by contractor with on the ground oversight by CPW field engineer as required

Deliverable – Supplies and equipment mobilized and site prepared as specified to complete construction of bypass structure.

TASK 5 – Project construction and installation

Description of Task – Construct ditch bypass structure, complete as specified including placement of rip-rap in channel to prevent erosion and scour.

Method/Procedure – Performed by contractor with on the ground oversight by CPW field engineer as required

Deliverable – a completed and functioning bypass structure for water control.

TASK 6 – Site Restoration

Description of Task – Restore site per CPW bid and BLM specifications

Method/Procedure – Performed by contractor with on the ground oversight by CPW field engineer as required

Deliverable – a completed and functioning bypass structure for water control with restored site conditions.

REPORTING AND FINAL DELIVERABLE

Reporting: The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of the executed contract. The progress report shall describe 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 taken to address these issues.

Final Deliverable: At completion of the project, the applicant shall provide the CWCB a final report that summarizes the project and documents how the project was completed. This report may contain photographs, summaries of meetings and engineering reports/designs.

A final report will be provided to the CWCB and NPBRT after the project is completed in total.

BUDGET

Provide a detailed budget by task including number of hours and rates for labor and unit costs for other direct costs (i.e. mileage, $/unit of material for construction, etc.). A detailed and perfectly balanced budget that shows all costs is required for the State's contracting and purchase order processes. Sample budget tables are provided below. Please note that these budget tables are examples and will need to be adapted to fit each individual application. Tasks should correspond to the tasks described above.

Total Costs				
	CPW Contribution	**Tointon Contribution**	**WSRA Basin Account**	**Total Project Costs**
Task 1 - Determination of project need and feasibility				**$0**
Task 2 - Engineering survey and design	$2,680 (In-Kind)			**$2,680**
Task 3 – Request for Bid Proposals	$1072 (In-Kind)			**$1072**
Task 4 - Mobilization of materials and equipment, site preparation			$6,400	**$6,400**
Task 5 – Project construction and installation (including measuring device)	$4,020(In-Kind) $1,500 (Cash)	$2,000 (Cash)	$28,000	**$35,520**
Task 6 - Site restoration			$1,500	**$1,500**
Total Costs:	**$9,272**	**$2,000**	**$35,900***	**$47,172**

CPW In-Kind Contributions				
Project Personnel: CPW Staff Engineer	Hours	Rate		Total
Task 2	40	$67/hr		$2,680
Task 3	16	$67/hr		$1,072
Task 5	60	$67/hr		$4,020
Total Hours:	116			
Total Cost:	$7,772			

*** Any and all unused funds will be returned to the NPBRT Basin Account**

SCHEDULE

Below is the proposed project schedule including time period to completion beginning from the Notice to Proceed (NTP). Construction of the project will not interfere with the delivery of water to water right holders on the Wolfer Ditch and also must occur within the narrow construction season in North Park. Therefore the actual project start date may not occur immediately upon receipt of a NTP.

Proposed Project Schedule

Task	**Start Date**	**Finish Date**
1		Completed
2		Completed
3	Upon NTP	NTP + 60 days
4	NTP + 60 days	NTP + 105 days
5	NTP + 60 days	NTP + 105 days
6	NTP + 60 days	NTP + 105 days

NTP = Notice to Proceed from CWCB

PAYMENT

Payment will be made based on actual expenditures and invoicing by the applicant. Invoices from any other entity (i.e. subcontractors) cannot be processed by the State. The request for payment must include a description of the work accomplished by major task, and estimate of the percent completion for individual tasks and the entire water activity in relation to the percentage of budget spent, identification of any major issues and proposed or implemented corrective actions. The last 5 percent of the entire water activity budget will be withheld until final project/water activity documentation is completed. All products, data and information developed as a result of this grant must be provided to the CWCB in hard copy and electronic format as part of the project documentation. This information will in turn be made widely available to Basin Roundtables and the general public and help promote the development of a common technical platform.

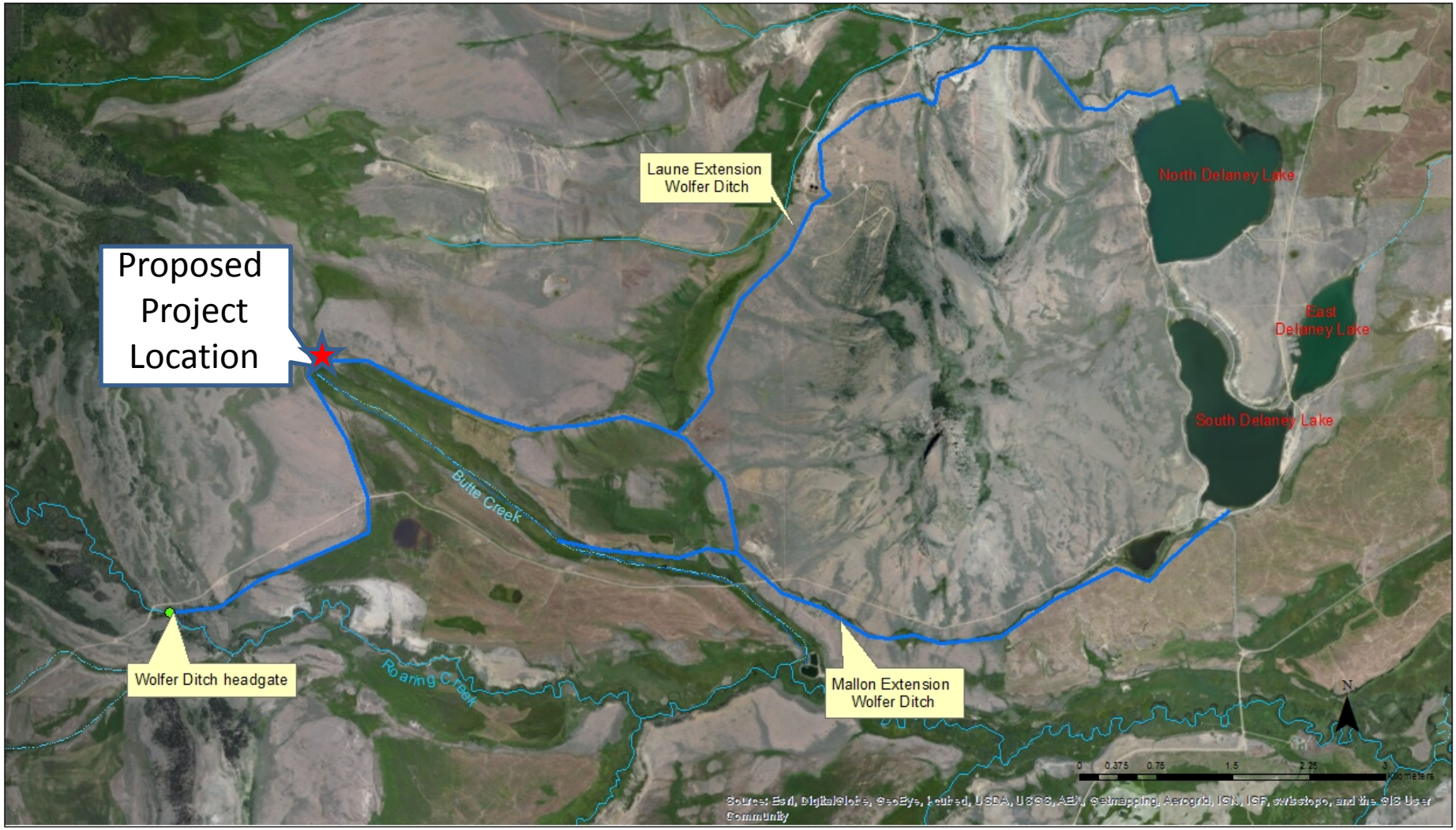

Exhibit B. Project Location Map – Mallon Extension Ditch Bypass Structure