



COLORADO

Colorado Water
Conservation Board

Department of Natural Resources

1313 Sherman Street, Room 718
Denver, CO 80203

March 30, 2016

Lower Arkansas Valley Water Conservancy District
Attn: Jay Winner, General Manager
801 Swink Avenue
Rocky Ford, Co 81067

RE: Notice to Proceed – WSRA Grant – **POGG1 2016-771** – North La Junta Streamlined
Flood Mitigation & Flow Management Project in the Arkansas River Basin

Dear Jay,

This letter is to inform you that the purchase order (PO) to assist in the above WSRA grant project was approved on March 30, 2016. The attachments will serve as your original grant contracting documents.

With the executed PO, you are now able to proceed with the project and invoice the State of Colorado for costs incurred through November 30, 2016. As a courtesy, an additional 60 days has been added to the PO end date for the final billing and deliverable report close-out process of the project. Please provide the project name, PO number, and basin when corresponding with or invoicing 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 of the project manager.

If an extension to the project is necessary, a formal letter of request must be submitted to the project manager along with a proposed completion date **60 days** prior to the current expiration date. There will be no prior notice from the CWCB grant manager informing the grantee that the project is approaching its deadline, therefore the grantee must monitor the completion progress accordingly.

If you have any questions or concerns regarding the project, please contact Brent Newman, Project Manager at [303-866-3441 x3222](tel:303-866-3441) or at brent.newman@state.co.us. You can contact me at 303-866-3441 ext. 3250 for invoicing and payment disbursement questions.

Thank you.

Sincerely,

//s//

Doriann Vigil

Program Assistant II

O 303-866-3441 ext. 3250

Dori.vigil@state.co.us / cwcb.state.co.us

cc: Brenda Filmore
Brent Newman, CWCB Project Manager
Jamie Prochno, CWCB Project Manager

Attachments





STATE OF COLORADO
Department of Natural Resources

ORDER		** IMPORTANT **				
Number: POGG1 PDAA 20160000000000000771		The order number and line number must appear on all invoices, packing slips, cartons and correspondence				
Date: 03/17/16						
Description: WSRA GRANT PDAA 2500 Lower Ark Valley WCD & N La Junta WCD		BILL TO COLORADO WATER BOARD CONSERVATION 1313 SHERMAN STREET, ROOM 718 DENVER, CO 80203				
Effective Date: 03/30/16 Expiration Date: 11/30/16						
BUYER		SHIP TO				
Buyer:		COLORADO WATER BOARD CONSERVATION				
Email:		1313 SHERMAN STREET, ROOM 718				
		DENVER, CO 80203				
VENDOR		SHIPPING INSTRUCTIONS				
LOWER ARKANSAS VALLEY WATR CNSRVNCY		Delivery/Install Date:				
801 SWINK AVE		F.O.B: FOB Dest, Freight Allowed				
ROCKY FORD, CO 81067-1237		VENDOR INSTRUCTIONS:				
Contact: .						
Phone: .						
Line Item	Commodity/Item Code	UOM	QTY	Unit Cost	Total Cost	MSDS Req.
1	G1000		0	0.00	\$25,000.00	<input type="checkbox"/>
Description: WSRA GRANT PDAA 2500 Lower Ark Valley WCD & N La Junta WCD						
Service From: 03/30/16 Service To: 11/30/16						
TERMS AND CONDITIONS						
https://www.colorado.gov/osc/purchase-order-terms-conditions						
DOCUMENT TOTAL = \$25,000.00						

Statement of Work

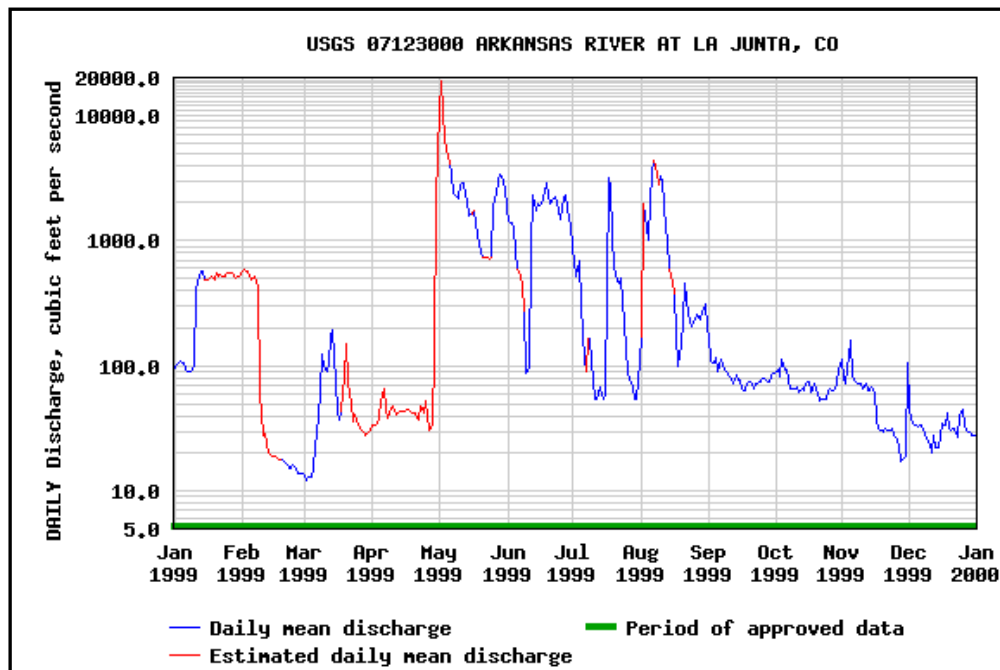
WATER ACTIVITY NAME – La Junta Streamlined Flooding Mitigation & Flow Management Project

GRANT RECIPIENTS – North La Junta Water Conservancy District; Fiscal Agent – Lower Arkansas Water Conservancy District Enterprise

FUNDING SOURCE – Water Supply Reserve Account: \$25,000; Matching Funds: LAVWCD: \$40,000.00; Otero County: \$10,000.00; City of La Junta: \$10,000.00 Total: \$85,000.00

INTRODUCTION AND BACKGROUND

The lower Arkansas River passes through a “pinch point” as it traverses the passage between the Towns of La Junta, on the south bank, and North La Junta on the opposite bank. Flooding in this area has been endemic, with efforts underway since the 1999 flood¹ to address the issue by formation of the North La Junta Water Conservancy District. Recent improvements to dikes along the north bank, using material salvaged from tamarisk and island removal, has aggravated the flooding challenges. The District now desires to alter the configuration of existing dikes, and extend the dike system further downstream, to mitigate the flood potential.



OBJECTIVES

The objectives are as follows:

¹ National Center for Atmospheric Research, Boulder Colorado, webpage www.assessment.ucar.edu. Regarding the 1999 Flood on Fountain Creek: "By the morning of May 2, up to eight feet of water flooded the north La Junta area as the Arkansas River swelled with runoff from the storm in the Pikes Peak region. The flood forced 350 families to evacuate their homes."

- Objective 1 – Coordinate the permitting/construction/reclamation activity with interested agencies.
- Objective 2 – Phase 1: Removal of islands in stream channel to restore channel capacity; Phase 2: Reconstruction and extension of existing dike.
- Objective 3 – Manage the project through construction to completion, with appropriate retention of contractor payments following final billing, and project signoff for release of retained funds.

TASKS

There are three tasks as follows:

TASK 1 – Coordination with Interested Agencies

Description of Task

This task is integral with the Task #3, Project Management but is stated as a separate task since the coordination may be limited or extensive. The current proposed schedule of work is likely to require limited permitting. Early conversations with permitting agencies, including affected federal agencies, indicates strong support for the project activity.

Method/Procedure

Telephone calls, face-to-face meetings, e-mails and other correspondence.

Deliverable

This task deliverable consists of verbal acknowledgement by engaged entities that the project construction will proceed as contemplated.

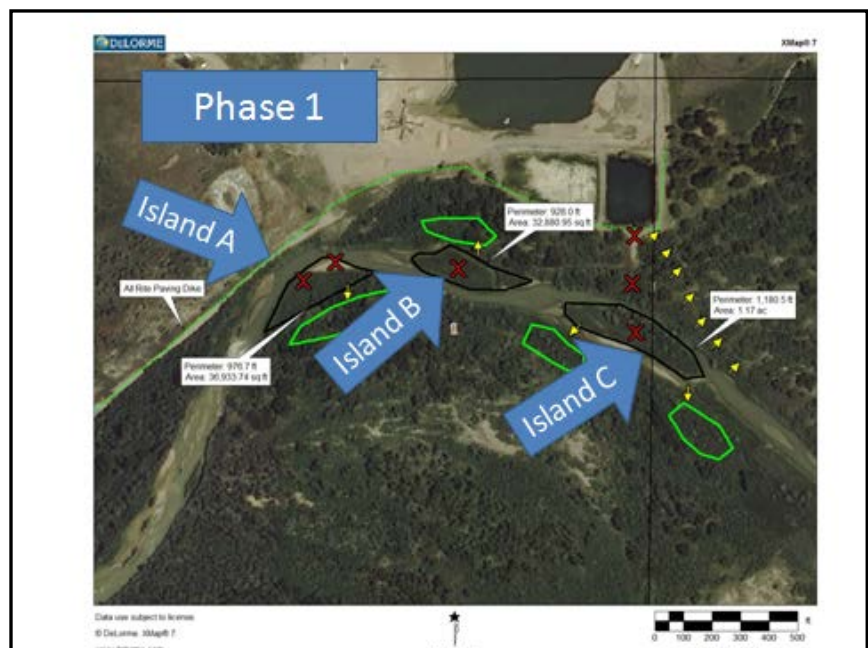
TASK 2 – Phase 1: Removal of Islands “A”, Island “B”, Island “C” and removal of the 2014 Dike; Phase 2: Removal of Island “F” and, Reconstruction and Extension of the Historic Dike

Phase 1: Description of Task

This task entails removal of the islands, as shown on the attached drawing, which impede the flow of water in the stream channel causing flooding and removal of the 2014 Dike

Phase 2: Description of Task

This task is the reconstruction/extension of the historic dike configuration from the current



structure, along with removal of Island F to alleviate routine flooding conditions. The applicant has solicited three design/build proposals. The selected contractor can proceed without equipment entering the Arkansas River at a significantly reduced bid estimate that the other two. The proposal is time sensitive in as much as winter conditions, and winter flow in the river channel, make it possible to complete the bulk of the construction activity within a short period of time.

Method/Procedure

The graphics offer a general perspective on the location of the activity. The method of reconstruction and extension of the dike is by “drag line,” a proven structure construction method for water resource development with a long history in the lower Arkansas River valley. The drag line provides for construction without the expense of mitigating activity within the stream channel.

Deliverable

When completed, the Islands depicted as “A”, “B”, and “C” will have the islands removed along with the 2014 dike (Phase 1); Phase 2: Island “F” removal is contingent on approval of the WSRA grant and will not commence prior to and until the Notice to Proceed is received from the Colorado Water Conservation Board along with the reconstruction and extension of the western end of the historic dike structure to further improve flow conditions. All Phase 2 activities will depend on approval of the WSRA grant. The contractor understands that the Phase 2 Work is subject to fund availability and a written agreement to proceed with the Work based on a not-to-exceed estimate specific to the activities.



TASK 3 – Project Management

Description of Task

This task provides pre-construction, on-site and post construction oversight of the project activity.

Method/Procedure

Prior to construction start, with Task #1 completed, the designated project manager will have a minimum of one on-site, pre-construction meeting with the contractor. Details of schedule, activity, manpower and inclement weather alternatives will be discussed. Construction activity in winter conditions offers an expedited, and much less expensive project, but does require contingency planning for extended foul weather conditions.

During the construction activity, the project manager will visit the site regularly, via both scheduled and unscheduled site visits. As each stage of construction is completed, the project manager will coordinate with the interested agencies to affirm appropriate post-construction conditions.

The project will include a retainage of funds for both the contractor and project manager. This retainage will protect the fiscal agent and interested agencies against unforeseen circumstances and insure timely delivery of the work.

Deliverable

Project completion on time and on budget.

REPORTING AND FINAL DELIVERABLE

Reporting

The Applicants shall provide the CWCB a final progress report. The progress report shall describe the 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 those issues.

Final Deliverable

At completion of the Project, the applicant shall provide the CWCB an opportunity for a site visit and, if appropriate, a meeting with interested agencies. The final report will include "before and after" photographs and a summary of the construction and project management activities.

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.).

Anticipated budget tables for the Project are provided below. These tasks correspond to those identified above.

La Junta Streamlined Flood Mitigation and Flow Management Project							
Budget							
	Task 1	Task 2				Task 3	Total
	Coordination with Interested Agencies	Construction Island A & Remove 2014 Dike	Construction Island B	Construction Island C	Construction Island F & Reconstruct Historic Dike	Retainage & Final Report	Cost
Project Costs (Phase 1)							
Project Manager	In-kind	\$500	\$500	\$500	\$0	\$500	\$ 2,000
Contractor Bid		\$30,000	\$10,000	\$15,000	\$0		\$ 55,000
Contingency for Construction/Coordination							\$ 2,000
Project Costs Phase 2 (Proceeds Only and After WSRA funding in place)							
Project Manager					\$2,500	\$3,500	\$ 6,000
Contractor Bid					\$15,000		\$ 15,000
Contingency for Construction/Coordination							\$ 3,000
Direct Cost	Phase 1				Phase 2		
Miles	300	300	300	300	300	1,000	
Travel Costs (\$.56/mile)	\$168	\$168	\$168	\$168	\$168	\$560	\$1,400
Lodging & Per Diem	\$300					\$300	\$600
Total Travel Costs	\$468	\$168	\$168	\$168	\$168	\$860	\$2,000
Project Rates						TOTAL:	\$ 85,000
Project Manager	Mileage				Matching Funds		\$ 60,000
\$145/hour	\$.56/mile				WSRA Grant Request		\$ 25,000

SCHEDULE

Provide a project schedule including key milestones for each task and the completion dates or time period from the Notice to Proceed (NTP). This dating method allows flexibility in the event of potential delays from the procurement process. Sample schedules are provided below. Please note that these schedules are examples and will need to be adapted to fit each individual application.

North La Junta Dike Reconstruction and Extension					
Schedule	NTP+30 Days	NTP+60 Days	NTP+90 Days	NTP+180 Days	
Task 1 Coordinate with Agencies					
Task 2 Reconstruction and Extension					
Task 3 Project Management					