

WATER CONSERVATION BOARD
1313 SHERMAN STREET, ROOM 721
DENVER, CO 80203

DATE: 05-29-14

IMPORTANT

The PO# and Line # must
appear on all invoices,
packing slips, cartons
and correspondence

ACC: 05-28-14



**PURCHASE
ORDER**
STATE OF COLORADO

Buyer: BRENDA HANNU
Phone Number: 303-866-8627
Agency Contact: Peg Mason
Phone Number: 303 866 3441

P.O. # OE PDA 14000000121 Page# 01

State Award #

BID #

FEIN 275573050 Phone: - -
Vendor Contact: PEG MASON
Purchase Requisition #:

V
E
N
D
O
R
EAST MESA WATER COMPANY
PO BOX 520
CARBONDALE CO 81623

Invoice in Triplicate

To: DIVISION OF WATER CONSERVATION
1313 SHERMAN STREET, ROOM 721
DENVER, CO 80203

Payment will be made by this agency

Ship To: DIVISION OF WATER CONSERVATION
1313 SHERMAN STREET, ROOM 721
DENVER, CO 80203

Delivery/Installation Date: 05-16-15
F.O.B. DESTINATION STATE PAYS NO FREIGHT

INSTRUCTIONS TO VENDOR:

1. If for any reason, delivery of this order is delayed beyond the delivery/installation date shown, please notify the agency contact named at the top left. (Right of cancellation is reserved in instances in which timely delivery is not made.)
2. All chemicals, equipment and materials must conform to the standards required by OSHA.
3. NOTE: Additional terms and conditions on reverse side.

SPECIAL INSTRUCTIONS:

LINE ITEM	COMMODITY/ITEM CODE	UNIT OF MEASUREMENT	QUANTITY	UNIT COST	TOTAL ITEM COST
001	95285000000 WSRA GRANT-INSTALLATION OF PIPELINE TO MAKE PERMANENT FIX. CMS# 69142				\$60,000.00

DOCUMENT TOTAL =
FOR THE STATE OF COLORADO

\$60,000.00

THIS PO IS ISSUED IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS
This PO is effective on the date signed by the authorized individual.

EPSPO PKA

Authorized Signature

Date

May 12, 2014

Exhibit A Statement of Work

WATER ACTIVITY NAME – East Mesa Water Company Pipeline

GRANT RECIPIENT – East Mesa Water Company

FUNDING SOURCE - Colorado River Basin Roundtable Account

INTRODUCTION AND BACKGROUND

The East Mesa Water Company project lies in the Crystal River Valley in the western portion of Pitkin County, Colorado. The project is located about 8 miles south of Carbondale, Colorado. The Company provides irrigation water from water rights out of the Crystal River. A mile down ditch from the diversion the water flows through a 650 foot long rock tunnel that is collapsing. The owners of the ditch want to avoid the chance of losing the water delivery system due to complete failure of the tunnel. Also, the earthen ditch loses as much as 35% of the water in the ditch due to seepage through the course and rocky soil in the 9 mile length of the ditch. The East Mesa Water Company plans to install a pipeline to make a permanent fix in this section. Proposed work will take place in the fall and winter of 2014 while the ditch is not in use. The proposal is to pipe 1450 ft. around the collapsing tunnel. The pipeline will be rerouted to avoid the tunnel and will prevent water loss due to ditch seepage.

The project consists of a concrete water inlet structure, and 1450 feet of HDPE plastic pipe. Without controlling or avoiding the collapsing of the tunnel the ditch will become inoperable. Seepage and water loss will continue through this section until the ditch is piped.

OBJECTIVES

1. The owners of the ditch want to avoid the chance of losing the water delivery system due to complete failure of the tunnel.
2. The Company wants to reduce water loss by piping of any portion of the ditch when possible.

TASKS

Description of Task

Construction and installation of pipeline

Method/Procedure

Contract with selected Construction contractor for the completion of all field work

Deliverable

Installed concrete structures and plastic pipeline that meets engineering design and specifications

SCHEDULE

Task	Start Date	Finish Date
1	Upon NTP	NTP + 365 days

NTP = Notice to Proceed

Water Supply Reserve Account – Grant and Loan Program
Water Activity Summary Sheet
March 18-19, 2014
Agenda Item 17(d)

Applicant: East Mesa Water Company

Water Activity Name: East Mesa Water Company Tunnel Bypass Pipeline

County: Garfield

River Basin: Colorado

Water Source: Crystal River

Amount Requested: \$60,000 from the Colorado Basin Account

Matching Funds: \$190,000 cash match East Mesa Water Company (36% of total project costs), \$250,000 cash match NRCS (45% of total project costs); \$50,000 cash match Colorado River Water Conservation District (9% of total project costs), Total Project Costs Match = 75%

Staff Recommendation:
Staff recommends approval of up to \$60,000 from the Colorado Basin Account for the project titled: East Mesa Water Company Tunnel Bypass Pipeline.

Water Activity Summary: WSRA Grant funds will be expended to replace a deteriorating earthen ditch and a collapsing tunnel with a concrete water inlet structure and approximately 1,450 lineal feet of HDPE pipeline capable of delivering the decreed water rights. East Mesa Water Company delivers both pre-1922, and post-1922 water rights to a service area of 740 acres, servicing 12 users and is used for irrigated agriculture for cattle ranching, nursery trees, and hay and forage crops. It should be noted that much of this irrigated acreage is in numerous conservation easements held by Aspen Valley Land Trust. The objectives of this project are to avoid future water delivery interruptions, improved water delivery efficiency, lower maintenance costs, and improved water quality.

Threshold and Evaluation Criteria:

The application meets all four Threshold Criteria.

Funding/Match Summary:

<u>Funding Source</u>	<u>Cash Match</u>
East Mesa Water Company	\$50,000
East Mesa Water Company (CWCB Loan)	\$140,000
NRCS	\$250,000
Colorado River Water Conservation District	\$50,000
WSRA Colorado Basin Account	\$60,000
Total	\$550,000

	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
Task 1 - Pipeline												
Design												
Construction												

ESTIMATED BUDGET

Mobilization	\$5,000
Earthwork	\$10,000
Concrete Structure	\$10,000
42" HDPE Pipe	\$200,000
Installation	\$275,000
Engineering/Permits	\$50,000
Total	\$550,000

Funding Sources				
	Cash Match	WSRA Grant	Matching Funds (NRCS)	Total Project Costs
Task 1 – Pipeline Construction	\$190,000	\$60,000	\$300,000	\$550,000
Total Costs:	\$190,000	\$60,000	\$300,000	\$550,000

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 10 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.

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.