

## EXHIBIT A

### Water Supply Reserve Account – Grant Application Form Form Revised March 2009

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#### Statement of Work

**WATER ACTIVITY NAME – Repairing Grand Mesa Reservoir #6 Outlet Pipe**

**GRANT RECIPIENT – Grand Mesa Reservoir Company**

**FUNDING SOURCE – Gunnison Basin Account**

#### **INTRODUCTION AND BACKGROUND**

A closed circuit television inspection of the 10 inch diameter, 104 foot long outlet pipe of Grand Mesa Reservoir #6 (GM#6) showed enough damage that the Grand Mesa Reservoir Company (GMRC) would like to repair the pipe by having a cured-in-place pipe installed before any of the slippage at pipe joints or cracks cause any structural damage and *in situ* repairs would not suffice to fix the pipe. The Grand Mesa Reservoir Company would also like to mitigate the effects of existing cracks or breaks immediately adjacent to the pipe during the installation of the liner.

#### **OBJECTIVES**

The object of this project is to repair the outlet pipe of Grand Mesa Reservoir #6 *in situ* before any of the damage to the outlet pipe causes structural damage around the outlet pipe and possibly compromising the dam.

#### **TASKS**

Provide a detailed description of each task using the following format

##### **TASK 1 – Design**

###### Description of Task

Professional design services

###### Method/Procedure

Engineering design drawings of cured in place pipe (CIPP) and submit them to the state dam engineer for approval.

###### Deliverable

Work would be done between August and December of 2011.

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#### **TASK 2 – Installation of CIPP**

##### Description of Task

Repair the outlet pipe of Grand Mesa Reservoir #6 (GM#6)

##### Method/Procedure

Installation of a cured-in-place pipe (CIPP) inside the outlet pipe of GM#6 and mitigation work immediately adjacent to the pipe by existing cracks.

##### Deliverable

Work would be done between August and November of 2012 when the reservoir is accessible and empty.

#### **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.

Reports will be filed in a timely manner if the grant for this project is approved.

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### 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				
	Labor	Other Direct Costs	Matching Funds (If Applicable)	Total Project Costs
Task 1 – design and approval	--	\$0.00	\$0.00	\$0.00
Task 2 –installation of CIPP		\$19,840.00	\$ 2,000.00	\$21,840.00
In-Kind Contributions				
Engineering Design & construction management		\$ 2,160	0.00	\$ 2,160.00
Total Costs:	\$ 0.00	\$22,000.00	\$ 2,000.00	\$24,000.00

Item:	Materials	Equipment/ Supplies	cost		Total
Task 1 – design	----	-----	\$1,500		\$ 1,500.00
Task 2 –installation of CIPP	----	-----	\$210/LF X 104ft		\$21,840.00
Task 2—Const. Mgt	-----	-----	\$ 660		\$ 660.00
Total Units:	-----	-----			
Total Cost:	-----	-----	\$24,000.00		\$24,000.00

In-Kind Contributions			
Project Personnel:	City of Grand Junction Utility ENGR: Bret Guillory		Total
Task 1a –design	\$1,500.00		\$1,500.00
Task 1b –Const. Mgt	660.00		660.00
Total In-Kind Cost:	\$2,160.00		\$2,160.00

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#### 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.

Task	Start Date	Finish Date
1- design & approval	August 2011	December 2011
2- install CIPP	August 2012	November, 2012

#### 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.

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The above statements are true to the best of my knowledge:

**Signature of Applicant:**

**Print Applicant's Name:** Lois Davidson for the Grand Mesa Reservoir Company

**Project Title:** Slip-lining the Outlet Pipe of Grand Mesa Reservoir #6