

**FY2006 – 2007 PROPOSED SCOPE OF WORK for:
GRAND VALLEY WATER MANAGEMENT**

Project No.: CAP-11

Lead Agency: Bureau of Reclamation
Submitted by: Bob Norman
Bureau of Reclamation
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Date: May 19, 2005

Category:

Expected Funding Source:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Ongoing project | <input type="checkbox"/> Annual funds |
| <input type="checkbox"/> Ongoing-revised project | <input checked="" type="checkbox"/> Capital funds |
| <input type="checkbox"/> Requested new project | <input type="checkbox"/> Other (explain) |
| <input type="checkbox"/> Unsolicited proposal | |

- I. Title of Proposal: GRAND VALLEY WATER MANAGEMENT
- II. Relationship to RIPRAP: Colorado River Action Plan: Mainstem I.A.5.I.(3)
- III. Study Background/Rationale and Hypotheses: The purpose of the project is to construct facilities to improve the efficiency of the Grand Valley Project irrigation system. Through existing contracts and other institutional arrangements, the conserved water resulting from improved irrigation system efficiency will be made available to improve habitat conditions in the 15-Mile Reach of the Colorado River.
- IV. Study Goals, Objectives, End Product: The goal of the project is to improve the irrigation system efficiency of the Grand Valley Project with the objective of conserving water and improving habitat conditions in the 15-Mile Reach of the Colorado River. End products will consist of construction of: 1) seven new automated canal check structures, 2) automation of existing canal check and gate structures, 3) Palisade bypass pipeline and control system, and 4) Highline Lake Pumping Plant. Construction and operation of these facilities will result in approximately 30,000 acre-feet-per-year of conserved water which can be made available to improve habitat conditions in the 15-Mile Reach of the Colorado River. See Grand Valley Water Management Final Environmental Assessment, September 1998, for more thorough description of project facilities and benefits.
- V. Study area: The project area consists of the Grand Valley Project irrigation system. Water protection and administration agreements associated with operation of the irrigation system improvements include the geographic area extending from Green Mountain Reservoir downstream to the 15-Mile Reach.
- VI. Study Methods/Approach: Not Applicable
- VII. Task Description and Schedule:
 - 1) Evaluate and operate canal automation systems - Ongoing as facilities are

completed and make any necessary modifications

- 2) Long term operation and maintenance of canal automation systems - Ongoing as facilities are completed and transferred from construction to operational status

VIII. Budget

FY-2006 Work

Task 1	Budget	
	Labor	40,000
	Travel	1,000
	Equipment/Supplies	25,000
	Total	66,000

FY 2007 Costs

Task 2	Budget	
	Labor	40,000
	Equipment/Supplies	5,000
	Utilities	7,000
	Total	52,000

IX. Budget Summary

FY2006	66000
FY2007	Funded through trust account

- X. Reviewers Brent Uilenberg
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XI. References: N/A