

**COLORADO RIVER RECOVERY PROGRAM  
FY 2008-2009 SCOPE OF WORK for:**

Project Number: \_\_\_\_\_

Acquisition and processing of hi-res digital photography and HD video imagery.

Lead agency:

Submitted by:

Principal investigator:

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Category:

- Ongoing project  
 Ongoing-revised project  
 Requested new project  
 Unsolicited proposal

Expected Funding Source:

- Annual funds  
 Capital funds  
 Other [explain]

I. Title of Proposal: 2008 High run-off and base flow aerial imagery/videography acquisition and processing.

II. Relationship to RIPRAP: General Recovery Program Support Action Plan - I, II, V

III. Study Background/Rationale and Hypotheses: not applicable

IV. Study Goals, Objectives, End Product(s):

V. Study Areas:

High Flow Study Area:

- Colorado River (Rifle to Loma, ~100 miles)
- Gunnison River (Delta to the confluence, ~50 miles)
- Yampa River (Steamboat to Maybell, ~116 miles)
- Green River (Split Mtn to Sand Wash, ~104 miles)

Base Flow Study Area:

- Gunnison and Green rivers. Green River (Split Mountain to Sand Wash plus about 120 miles on the lower Green from Green River, UT @ RM 120 to the confluence @ RM 0) and the Gunnison River (Delta to the confluence).

VI. Study Methods/Approach: Collect aerial imagery at the appointed times of interest, and of the desired reaches.

VII. Task Description and Schedule:

1. Collect aerial imagery during high run-off conditions.
2. Compile/backup collected imagery.
3. Create mosaics (stitch together frames) of digital high resolution imagery with imagery scale attached and organized by river mile into a

- 'map book format', and also provide a digital version.
4. Collect aerial imagery at base flow conditions of the Gunnison and Green rivers. Green River (Split Mountain to Sand Wash plus the lower Green from Green River, UT to the confluence) and the Gunnison River (Delta to the confluence).
  5. Process similarly to high flow. Most likely will need to be completed at the beginning of FY 09 with FY 09 funds.

VIII. Deliverables, Due Dates, and Budget by Fiscal Year:

FY 2008

Deliverables

Tasks 1 thru 4, and complete as much of task 5 as possible.

Task 1	25,182 - complete
Task 2	4,000 - complete
Task 1 and 2 total	- 29,182
Task 3	11,200
Task 4	15,000
Task 5	0

FY 2009

Deliverables

Task 5 completion

Task 5	10,000
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IX. Budget Summary:

FY-2008 \$55,382  
 FY-2009 \$10,000

X. Reviewers:

XI. References: