

**COLORADO RIVER RECOVERY PROGRAM
FY-2013-2015 SCOPE OF WORK**

Project No.: 142

Provide Technical Assistance to the Recovery Program

Lead Agency: SWCA Inc., Environmental Consultants

Submitted by: Richard A. Valdez (SWCA)

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Date: September 9, 2011; 9/27/2012 AKantola

Category:

Ongoing

Ongoing-revised project

Requested new project

Unsolicited proposal

Expected Funding Source:

Annual funds

Capital funds

Other (Section 7)

I. Title of Proposal: *Provide Technical Assistance to the Recovery Program*

II. Relationship to RIPRAP:

- General Recovery Program Support Action Plan
 - VII.A.5 Conduct species status review and update recovery goals at least every 5 years.

III. Study Background/Rationale and Hypotheses:

- Program Management: Revise Recovery Goals for Four Big River Fish.— Recovery Goals for humpback chub, Colorado pikeminnow, razorback sucker, and bonytail were approved in August 2002 by the U.S. Fish and Wildlife Service (Service). The Service began revising these recovery goals in 2007; the Service subsequently committed to revising the entire recovery plans. Dr. Valdez assisted the Service (in coordination with the Recovery Program) in developing the 2002 recovery goals, and will assist the Service in revising these goals under this Scope of Work.

IV. Study Goals, Objectives, End Product:

Goal

The goal of this scope of work is to respond to requests for assistance by the Recovery Program including, but not limited to assistance with revision of recovery plans as requested by the Program Director and/or his designated staff.

Objective: Assist in revising the four endangered fish species recovery goals.

End Products: Draft and final revisions of recovery plans for Colorado pikeminnow, humpback chub, razorback sucker, and bonytail.

V. Study Area:

This work applies to the entire range of the endangered Colorado River fishes. The work itself will be performed principally at the office of Dr. Richard A. Valdez, SWCA Inc., in Logan, UT; and also at the Upper Colorado River Endangered Fish Recovery Program Director's Office in Lakewood, CO.

VI. Study Methods/Approach:

Assist the Service (in coordination with the Recovery Program) with completing revision of the four endangered fish species recovery plans. Dr. Valdez is, at the request of the Service and Program Director, assisting the Service with revision of the four endangered fish species recovery plans. Dr. Valdez helped to draft the 2002 recovery goals. The revised recovery goals will be assimilated with past and new information, and consistent with the ESA, implementing regulations, and the Service handbook for recovery plan development.

VII. Task Description and Schedule

Description

Assist the Service (in coordination with the Recovery Program) with completing revision of the four endangered fish species recovery plans.

Schedule

Colorado pikeminnow 2011 – 2014

The proposed recovery plan revision schedule is:

October 15, 2013 – send draft CPM Recovery Plan to Service (Regions 6, 2, and 8) for review.

December 31, 2013 – send Service reviewed Recovery Plan to stakeholders groups (Upper Colo and SJR Recovery Programs; Glen Canyon Dam AMP;

Lower Colorado MSCP).

January / February, 2014 – Writing Team meets with / presents the draft Recovery Plan to stakeholder groups.

March 1, 2014 – publish the draft Recovery Plan in the Federal Register.

Humpback chub, razorback sucker, and bonytail plan revisions will follow, overlapping where possible.

VIII. FY-2013-2015 Work

Deliverables/Due Dates:

Assist in revising Four Species Recovery Goals. Deliverable dates TBD, depending on review process.

Budget

Original estimates of the time and cost for assistance in completing the revisions of the recovery goals for the four Colorado River endangered fish are shown below. Total estimated cost was \$78,365, which includes \$71,400 in labor and \$6,965 in travel expenses (see Tables). Experience since 2011 suggests the collaborative nature of this work will demand more time and perhaps travel than originally indicated (\$54,095.47 was expended in the two years from about September 2011 through August 2013), most of this work on the Colorado pikeminnow recovery plan. Therefore, up to \$50K/year may be expended on this work.

Table 1. Estimated labor and cost by species. See Table 4 for detail of labor.

Species	CPM	HBC	RBS	BYT	Totals
Labor (Sr. Sci.) (hr)	270	224	224	224	942
Labor (proj. mgr.) (hr.) (½ hr/mo)	3	3	2	2	10
Cost (\$)	\$20,475	\$17,025	\$16,950	\$16,950	\$71,400

Table 2. Estimated travel and lodging costs (plus 15% mark-up on expenses, for a total of \$6,965).

	Bozeman Apr 11-15, 2011	Denver	Denver	Denver	Denver	TOTAL
Airfare		\$475	\$475	\$475	\$475	
Rental Car	\$278.14					
Gas	\$40.73					
Shuttle		\$150	\$150	\$150	\$150	
Lodging	\$259.80	\$640	\$640	\$640	\$640	
Meals	\$17.76	\$100	\$100	\$100	\$100	
Totals	\$596.43	\$1,365	\$1,365	\$1,365	\$1,365	\$6,056.43

Labor (hourly rate) = \$75.00

IX. Budget summary

FY2014-2015 up to \$100,000

X. Reviewers:

Tom Czapla, Upper Colorado River Endangered Fish Recovery Program

Angela Kantola, Upper Colorado River Endangered Fish Recovery Program

Tom Chart, Upper Colorado River Endangered Fish Recovery Program

XI. References

None