

RECOVERY PROGRAM
FY 2016-2017 SCOPE OF WORK for:
Database Management

Recovery Program Project Number: 16

Reclamation Agreement number: NA
Reclamation Agreement term: NA

Note: Recovery Program FY16-17 scopes of work are drafted in May 2015. They often are revised before final Program approval and may subsequently be revised again in response to changing Program needs. Program participants also recognize the need and allow for some flexibility in scopes of work to accommodate new information (especially in nonnative fish management projects) and changing hydrological conditions.

Lead agency: Fish and Wildlife Service
Colorado River Fishery Project – Grand Junction (CRFP-GJ)

Submitted by: Travis Francis, Fishery Biologist
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<u>Category:</u>	<u>Expected Funding Source:</u>
<input checked="" type="checkbox"/> Ongoing project	<input checked="" type="checkbox"/> Annual funds
<input type="checkbox"/> Ongoing-revised project	<input type="checkbox"/> Capital funds
<input type="checkbox"/> Requested new project	<input type="checkbox"/> Other [<i>explain</i>]
<input type="checkbox"/> Unsolicited proposal	

- I. Title of Proposal: **Database Management.**
- II. Relationship to RIPRAP: V.A.1 Conduct interagency data management program to compile, manage, and maintain all research and monitoring data collected by the Recovery Program.
- III. Study Background/Rationale and Hypotheses: Development of a centralized database was an initial requirement for formation of the Recovery Implementation Program.
- IV. Study Goals, Objectives, End Product(s):
 - A. Goal: Maintain a current, computerized database of all fishery data collected from the Upper Colorado River Basin using funds from the Colorado River Recovery Program (UCRRP).
 - B. Objectives:

Database Management

1. Compile and provide documentation for all native fishery data collected in the Upper Colorado River Basin under the auspices of the Colorado River Recovery Program.
2. Compile and provide documentation for all non-native fishery data collected in the Upper Colorado River Basin under the auspices of the Colorado River Recovery Program.
3. Compile and report on all PIT tag data collected by Price Stubb Fish Ladder antenna.
3. Assist cooperators with database management.
4. Distribute PIT tags to cooperators, keep records of distribution, maintain tagging list of endangered fish tagged in the upper basin.
5. Provide current list of stocked fish and recaptures to coordinator.

- C. End Product: Current database of fish data collected under the Recovery Program. Annual Report on progress produced for the UCRRP.

V. Study Area: Upper Colorado River Basin.

VI. Study Methods/Approach: Compile data according to study methods of individual investigators.

Task Description and Schedule: Database Management

1. Continue to review 'old' data to eliminate errors from the database.
2. Catalog and distribute PIT tags to cooperators for use in tagging endangered fishes during studies funded by the Recovery Program.
3. Review all tagging files as they are entered into the Access for potential errors.
4. Receive, catalog, and document all data files submitted by researchers in the Recovery Program.
5. Provide technical support to all cooperators in the Recovery Program.
6. Coordinate with program participants to assess possible changes in software or data handling relative to recent advances in technology.

7. In coordination with hatchery managers, provide summary information of stocking events to coordinator and researchers. Compile summary of stocked fish recaptures by species, river and year.
8. In coordination with the UCRRP non-native fish removal coordinator, provide technical support and summary information of non-native data to researchers and cooperators.
9. Report all PIT tag detections collected at the antenna at Price Stubb fish ladder.

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

*[Note: In light of FY16-17 budget uncertainties, PI's are **STRONGLY ENCOURAGED** to prepare their budget in an Excel spreadsheet (to facilitate modifications) and paste it into your scope of work (Word format), using the paste option "Link and Keep Source Formatting.".]*

[If the project will generate a final report, please include the date by which the draft final report will be submitted to the appropriate Program coordinator.]

FY 2016

Deliverables: *Tasks 1 through 9*

FY 2016									
	Labor	Title	# of employees	Hours	Reg. Rate	OT Hours	OT Rate		Total
		Project Leader GS-14		1	200	83.42	0	0	16684
		Administrative Officer GS-09		1	200	44.72	0	0	8944
		Fishery Biologist GS-11		1	480	49.36	0	0	23692.8
		Crew leader Tech. GS-06		1	320	32.76	0	49.14	10483.2
	Labor Subtotal								59804
	Equipment & Supplies	Category	Item	Quantity	Unit	Rate	Duration		Total
		Office Supplies	FEDEX charges for PIT tag distribution						1,300
		Office Supplies	Computer Supplies and Peripherals						1,200
		Office Supplies	Ink Cartridges and paper						200
		Office Supplies	Cell, SAT, and Office phone service						800
		Field Equipment	GSA vehicle lease per month	1	each	364.97	2		729.94
		Field Equipment	Mileage	4000	miles	0.33	1		1320
									5549.94
		Type Of Travel	Number of Travelers	Hotel Costs	Per Diem	TAV Fee	# days	# of trips	Total
		Meetings/ Lakewood 2015 GSA Rates	2	163	66	15	6	2	2542
									2542
									Grand Total
	USFWS Grand Jct.								67896

FY 2017

Deliverables: *Tasks 1 through 9*

FY 2017									
Labor	Title	# of employees	Hours	Reg. Rate	OT Hours	OT Rate			Total
	Project Leader GS-14	1	200	85.92	0	0			17184
	Administrative Officer GS-09	1	200	46.06	0	0			9212
	Fishery Biologist GS-11	1	480	50.84	0	0			24403.2
	Crew leader Tech. GS-06	1	320	33.74	0	50.62			10796.8
Labor Subtotal									61596
Equipment & Supplies	Category	Item	Quantity	Unit	Rate	Duration			Total
	Office Supplies	FEDEX charges for PIT tag distribution							1,300
	Office Supplies	Computer Supplies and Peripherals							1,200
	Office Supplies	Ink Cartridges and paper							200
	Office Supplies	Cell, SAT, and Office phone service							800
	Field Equipment	GSA vehicle lease per month	1	each	375.92	2			751.84
	Field Equipment	Mileage	4000	miles	0.34	1			1360
									5611.84
	Type Of Travel	Number of Travelers	Hotel Costs	Per Diem	TAV Fee	# days	# of trips		Total
	Meetings/ Lakewood 2015 GSA Rates	2	163	66	15	6	2		2542
									2542
									Grand Total
USFWS Grand Jct.									69750

Out-year budgets for Database Management: 2018-2020

**THESE BUDGETS ARE ESTIMATES ONLY AND MAY NOT REPRESENT
ACTUAL COSTS**

FY 2018

Deliverables: Tasks 1 through 9

FY 2018									
Labor	Title	# of employees	Hours	Reg. Rate	OT Hours	OT Rate			Total
	Project Leader GS-14		1	200	88.5	0	0		17700
	Administrative Officer GS-09		1	200	47.44	0	0		9488
	Fishery Biologist GS-11		1	480	52.37	0	0		25137.6
	Crew leader Tech. GS-06		1	320	34.76	0	52.13		11123.2
Labor Subtotal									63448.8
Equipment & Supplies	Category	Item	Quantity	Unit	Rate	Duration			Total
	Office Supplies	FEDEX charges for PIT tag distribution							1,300
	Office Supplies	Computer Supplies and Peripherals							1,200
	Office Supplies	Ink Cartridges and paper							200
	Office Supplies	Cell, SAT, and Office phone service							800
	Field Equipment	GSA vehicle lease per month	1	each	387.2	2			774.4
	Field Equipment	Mileage	4000	miles	0.35	1			1400
									5674.4
Type Of Travel	Number of Travelers	Hotel Costs	Per Diem	TAV Fee	# days	# of trips			Total
	Meetings/ Lakewood 2015 GSA Rates	2	163	66	15	6	2		2542
									2542
									Grand Total
USFWS Grand Jct.									71665

FY 2019

Deliverables: Tasks 1 through 9

FY 2019									
Labor	Title	# of employees	Hours	Reg. Rate	OT Hours	OT Rate			Total
	Project Leader GS-14		1	200	91.16	0	0		18232
	Administrative Officer GS-09		1	200	48.86	0	0		9772
	Fishery Biologist GS-11		1	480	53.94	0	0		25891.2
	Crew leader Tech. GS-06		1	320	35.8	0	53.7		11456
Labor Subtotal									65351.2
Equipment & Supplies	Category	Item	Quantity	Unit	Rate	Duration			Total
	Office Supplies	FEDEX charges for PIT tag distribution							1,300
	Office Supplies	Computer Supplies and Peripherals							1,200
	Office Supplies	Ink Cartridges and paper							200
	Office Supplies	Cell, SAT, and Office phone service							800
	Field Equipment	GSA vehicle lease per month	1	each	398.82	2			797.64
	Field Equipment	Mileage	4000	miles	0.36	1			1440
									5737.64
Type Of Travel	Number of Travelers	Hotel Costs	Per Diem	TAV Fee	# days	# of trips			Total
	Meetings/ Lakewood 2015 GSA Rates	2	163	66	15	6	2		2542
									2542
									Grand Total
USFWS Grand Jct.									73631

FY 2020

Deliverables: *Tasks 1 through 9*

FY 2020									
Labor	Title	# of employees	Hours	Reg. Rate	OT Hours	OT Rate			Total
	Project Leader GS-14		1	200	93.89	0	0		18778
	Administrative Officer GS-09		1	200	50.33	0	0		10066
	Fishery Biologist GS-11		1	480	55.56	0	0		26668.8
	Crew leader Tech. GS-06		1	320	36.87	0	55.3		11798.4
Labor Subtotal									67311.2
Equipment & Supplies	Category	Item	Quantity	Unit	Rate	Duration			Total
	Office Supplies	FEDEX charges for PIT tag distribution							1,300
	Office Supplies	Computer Supplies and Peripherals							1,200
	Office Supplies	Ink Cartridges and paper							200
	Office Supplies	Cell, SAT, and Office phone service							800
	Field Equipment	GSA vehicle lease per month	1	each	410.78	2			821.56
	Field Equipment	Mileage	4000	miles	0.37	1			1480
									5801.56
Type Of Travel	Number of Travelers		Hotel Costs	Per Diem	TAV Fee	# days	# of trips	Total	
	Meetings/ Lakewood 2015 GSA Rates	2	163	66	15	6	2	2542	
								2542	
								Grand Total	
USFWS Grand Jct.									75655

Budget Summary:

FY2016

USFWS-GJ \$67,896

FY2017

USFWS-GJ \$69,750

2016-2017 Total = \$137,646

Estimated Budget Summary for Fiscal Years 2018-2020:

FY2018

USFWS-GJ \$71,665

FY2019

USFWS-GJ \$73,631

FY2020

USFWS-GJ \$75,655

2018-2020 Total = \$220,951

5-Year Total = \$358,597

VIII.

IX. Reviewers: Program Staff and Biology Committee

X. References: NA