

**RECOVERY PROGRAM**  
**FY 2014-2015 SCOPE OF WORK for:**  
*Database Management*

Recovery Program Project Number: 16

Reclamation Agreement number: NA  
Reclamation Agreement term: NA

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

Submitted by: Travis Francis, Fishery Biologist  
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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: **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.

VII. 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. Compile and distribute an annual list of all endangered fish tagged during studies funded by the Recovery Program (except during propagation activities restricted to rearing facilities).
5. Receive, catalog, and document all data files submitted by researchers in the Recovery Program.
6. Update on an annual basis the documentation included with all files in the DBMS.

7. Provide technical support to all cooperators in the Recovery Program.
8. Coordinate with program participants to assess possible changes in software or data handling relative to recent advances in technology.
9. 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.
10. In coordination with the UCRRP non-native fish removal coordinator, provide technical support and summary information of non-native data to researchers and cooperators.
11. Report all PIT tag detections collected at the antenna at Price Stubb fish ladder.

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

FY 2014

Deliverables: *Tasks 1 through 11*

FY 2014									
Labor	Title	# of employees	Hours	Reg. Rate	OT Hours	OT Rate			Total
	Project Leader GS-14	1	200	78.63	0	0			15726
	Administrative Officer GS-09	1	200	42.15	0	0			8430
	Fishery Biologist GS-11	1	480	46.53	0	0			22334.4
	Crew leader Tech. GS-06	1	320	30.88	0	46.32			9881.6
<b>Labor Subtotal</b>									56372
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	344.02	2			688.04
	Field Equipment	Mileage	4000	miles	0.31	1			1240
									5428.04
	Type Of Travel	Number of Travelers	Hotel Costs	Per Diem	TAV Fee	# days	# of trips		Total
	Meetings/ Lakewood 2013 GSA Rates	2	149	66	15	6	2		2402
									2402
									<b>Grand Total</b>
<b>USFWS Grand Jct.</b>									64202

FY 2015

Deliverables: *Tasks 1 through 11*

FY 2015									
	Labor	Title	# of employees	Hours	Reg. Rate	OT Hours	OT Rate		Total
		Project Leader GS-14	1	200	80.99	0	0		16198
		Administrative Officer GS-09	1	200	43.41	0	0		8682
		Fishery Biologist GS-11	1	480	47.93	0	0		23006.4
		Crew leader Tech. GS-06	1	320	31.81	0	47.71		10179.2
	<b>Labor Subtotal</b>								58065.6
	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	354.34	2		708.68
		Field Equipment	Mileage	4000	miles	0.32	1		1280
									5488.68
	Type Of Travel	Number of Travelers	Hotel Costs	Per Diem	TAV Fee	# days	# of trips	Total	
	Meetings/ Lakewood 2013 GSA Rates	2	149	66	15	6	2	2402	
								2402	
								<b>Grand Total</b>	
	<b>USFWS Grand Jct.</b>							65956	

**Out-year budgets for Database Management: 2016-2018**

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

FY 2016

Deliverables: *Tasks 1 through 11*

<b>FY 2016</b>									
	<b>Labor</b>	<b>Title</b>	<b># of employees</b>	<b>Hours</b>	<b>Reg. Rate</b>	<b>OT Hours</b>	<b>OT Rate</b>		<b>Total</b>
		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
	<b>Labor Subtotal</b>								59804
	<b>Equipment &amp; Supplies</b>	<b>Category</b>	<b>Item</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Duration</b>		<b>Total</b>
		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
		<b>Type Of Travel</b>	<b>Number of Travelers</b>	<b>Hotel Costs</b>	<b>Per Diem</b>	<b>TAV Fee</b>	<b># days</b>	<b># of trips</b>	<b>Total</b>
		Meetings/ Lakewood 2013 GSA Rates	2	149	66	15	6	2	2402
									2402
									<b>Grand Total</b>
	<b>USFWS Grand Jct.</b>								67756

FY 2017

Deliverables: *Tasks 1 through 11*

<b>FY 2017</b>									
	<b>Labor</b>	<b>Title</b>	<b># of employees</b>	<b>Hours</b>	<b>Reg. Rate</b>	<b>OT Hours</b>	<b>OT Rate</b>		<b>Total</b>
		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
	<b>Labor Subtotal</b>								61596
	<b>Equipment &amp; Supplies</b>	<b>Category</b>	<b>Item</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Duration</b>		<b>Total</b>
		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
		<b>Type Of Travel</b>	<b>Number of Travelers</b>	<b>Hotel Costs</b>	<b>Per Diem</b>	<b>TAV Fee</b>	<b># days</b>	<b># of trips</b>	<b>Total</b>
		Meetings/ Lakewood 2013 GSA Rates	2	149	66	15	6	2	2402
									2402
									<b>Grand Total</b>
	<b>USFWS Grand Jct.</b>								69610

FY 2018

Deliverables: *Tasks 1 through 11*

<b>FY 2018</b>									
	<b>Labor</b>	<b>Title</b>	<b># of employees</b>	<b>Hours</b>	<b>Reg. Rate</b>	<b>OT Hours</b>	<b>OT Rate</b>		<b>Total</b>
		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
	<b>Labor Subtotal</b>								63448.8
	<b>Equipment &amp; Supplies</b>	<b>Category</b>	<b>Item</b>	<b>Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Duration</b>		<b>Total</b>
		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
		<b>Type Of Travel</b>	<b>Number of Travelers</b>	<b>Hotel Costs</b>	<b>Per Diem</b>	<b>TAV Fee</b>	<b># days</b>	<b># of trips</b>	<b>Total</b>
		Meetings/ Lakewood 2013 GSA Rates	2	149	66	15	6	2	2402
									2402
									<b>Grand Total</b>
	<b>USFWS Grand Jct.</b>								71525

IX. Budget Summary:

FY2014

USFWS-GJ \$ 64,202

FY2015

USFWS-GJ \$ 65,956

2014-2015 Total = \$130,158

Estimated Budget Summary for Fiscal Years 2016-2018:

FY2016

USFWS-GJ \$ 67,756

FY2017

USFWS-GJ \$ 69,610

FY2018

USFWS-GJ \$ 71,525

2016-2018 Total = \$208,891

5-Year Total = \$339,049

X. Reviewers: Program Staff and Biology Committee

XI. References: NA