

UPPER COLORADO RIVER ENDANGERED FISH RECOVERY PROGRAM

FY 2022-23 SCOPE OF WORK

PROJECT: 110

**Project Title**

Smallmouth bass control in the lower Yampa River

**Bureau of Reclamation Agreement Number:**

R20PG00024

**Reclamation Agreement Term**

Oct. 1, 2019 – Sep. 30, 2024

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*Note: Recovery Program FY22-23 scopes of work are drafted in May 2021. 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.*

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**Lead Agency:**

U.S. Fish and Wildlife Service

**Principal Investigator:**

Chris Smith, Fish Biologist  
U.S. Fish and Wildlife Service  
Green River Basin Fish and Wildlife Conservation Office  
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Category:

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

Expected Funding Source:

- Annual funds
- Capital funds
- Other [explain]

**Relationship to RIPRAP:**

- II. Relationship to RIPRAP:  
Yampa River Action Plan
- III.B.2. Control nonnative fishes via mechanical removal
- III.B.2.a. Estimate nonnative abundance, status, trends, and distribution
- III.B.2.d. Remove northern pike from Yampa River designated critical habitat
- III.B.2.e. Remove smallmouth bass
- III.B.2.f. Control channel catfish in Yampa Canyon by removing fish >400mm
- III.B.2.h. Monitor native and endangered fish response

## UPPER COLORADO RIVER ENDANGERED FISH RECOVERY PROGRAM

### **Study Background/Rationale and Hypotheses:**

Nonnative fishes have become established in rivers of the upper Colorado River basin, and certain species contribute to reductions in the distribution and abundance of native fishes primarily through predation and competition (e.g., Hawkins and Nesler 1991; Lentsch et al. 1996; Tyus and Saunders 1996). Controlling problematic nonnative fishes is necessary for recovery of endangered humpback chub *Gila cypha*, bonytail *G. elegans*, Colorado pikeminnow *Ptychocheilus lucius*, and razorback sucker *Xyrauchen texanus* in the upper Colorado River basin (UCREFRP 2017). One of five wild populations of humpback chub in the upper Colorado River basin historically occurred in Yampa Canyon on the lower Yampa River, Colorado (Valdez and Carothers 1998), and one of two of the most productive pikeminnow spawning sites in the Green River basin occurs in the canyon. Razorback sucker have also historically spawned in the lower canyon near Echo Park, and recent captures there suggest this site is being recolonized (Jones 2013). Introduced ictalurids, esocids, and centrarchids are implicated in the demise of native and endangered fishes (Tyus and Saunders 1996; USFWS 2002).

The nonnative smallmouth bass *Micropterus dolomieu* was first introduced into Colorado in 1951 and has increased in abundance and range throughout much of the upper Colorado River basin. Smallmouth bass have been ranked as the greatest predatory threat to native fishes in this river reach (Johnson et al. 2008). Electrofishing catch rates of smallmouth bass dramatically increased in the Yampa River in 2004 (Fuller 2004). It is our opinion that the increase in smallmouth bass abundance will exacerbate the impacts that nonnative fishes have on the already distressed native fauna in the Yampa River. Large catfish (<400 mm TL) will also be removed since studies have found an increased incidence of piscivory in channel catfish greater than 400mm total length (Tyus and Nikirk 1990).

### **Study Goals, Objectives, End Product(s):**

The purpose of this study is to develop a control program for smallmouth bass in Yampa Canyon, and to sufficiently reduce the abundance of smallmouth bass such that predatory and competitive impacts on growth, recruitment, and survival of native fishes and Colorado pikeminnow are minimized. We will evaluate reductions in bass density by comparing catch rates from this study across previous years. Additionally, five one-mile sub-reaches have been established to monitor large-bodied fish composition and determine whether there has been a native fish response to control. The study specific objectives are:

1. To reduce the abundance of smallmouth bass in Yampa Canyon through mechanical removal.
2. Compare the catch rates and size structure of smallmouth bass to determine the distribution and status of this species in this reach of river.
3. Determine annual sub-adult and adult native and nonnative fish composition.

End Products: Annual reports to the upper Colorado River Endangered Fishes Recovery Program (RIP) for each year of the study and as required throughout the duration of the project. Data describing combined catch rates, catch rates per reach, and length frequencies will be presented for all years of study within each annual report.

### **Study Area:**

Yampa River within Dinosaur National Monument from Deerlodge Park (RM 46) to Echo Park and the Green River confluence.

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### **Study Methods/Approach:**

Since 2015, the Recovery Program has implemented a two-tiered strategy for reducing populations of problematic nonnative predators in endangered species habitats by 1) performing large-scale removal of nonnative predators, especially focusing on spawning disruption; and 2) preventing escapement of nonnative predators from off-channel sources by containing or eradicating populations. The combination of these two strategies is important because reducing in-river reproduction and limiting emigration from off-channel sources limits population growth after in-river removal is performed. Currently, the Recovery Program removes nonnative smallmouth bass, northern pike and walleye from over 600 miles of river. Screens have been installed on 5 of 7 major reservoir outlets to prevent escapement with 2 more pending.

Over the past decade, this strategy has been applied with general success for smallmouth bass, northern pike, and walleye. For example, in the Yampa River smallmouth bass populations have been contained at Elkhead Reservoir via a spillway net and outlet screen, while spawning has been disrupted via intense nest disruption. As a result, even with occasional strong year classes, the adult population of smallmouth Bass in Little Yampa Canyon remains low compared to almost all prior years ([Hawkins 2020](#)). Northern pike are also contained at Elkhead Reservoir, while spawning in the Yampa River is disrupted via early spring backwater gill-netting. Abundance estimates show that this effort has resulted in a large reduction in Yampa River northern pike between Hayden and Craig compared to estimates a decade ago ([Bestgen et al. 2020](#)). Similarly, in the upper Colorado River, containment at Rifle Gap Reservoir, along with containment and removal at the Mamm Creek gravel ponds, appears to have successfully suppressed catch of northern pike in endangered fish habitats ([Francis 2020](#)). Reservoir containment of walleye is the priority; in-river walleye recruitment has not been documented, so spawning disruption is not needed. Catches of walleye in the middle Green River over the past few years have declined from previous norms ([Partlow and Elbin 2020](#)), likely the result of eradication and containment of populations at Red Fleet and Starvation Reservoirs. These examples demonstrate that a two-tiered approach is generally successful at limiting populations of problematic predators.

This project focuses on in-river mechanical removal of smallmouth bass. As part of the project, we will include spawning disruption via electrofishing. In addition, we will remove individuals of smallmouth bass outside of the spawning period in order to reduce the population abundance. We will measure response to these efforts via CPUE and fish community composition.

We will conduct four removal passes following peak runoff flows, which usually occurs June-July. Sampling occasions will be implemented strategically to match optimal sampling conditions, particularly when environmental and biological cues are known to improve catch rates, for instance after the onset of 16°C when bass are likely spawning ([Bestgen and Hill 2016](#)).

Two rafts equipped with ETS electrofishing units will be used to electrofish the entire length of study area (one per shoreline) for four 4-day trips. All reaches will be sampled by two people per raft, an operator and one netter. To allow for comparisons of removal efficiency and fish movement, the lower 46 miles of the Yampa River will be stratified into ten contiguous reaches of approximately equal length (4-5 river miles). Five one-mile sub-reaches will be selected within the ten contiguous reaches to monitor large-bodied fish composition and to identify the native fish response to control efforts. In these smaller sub-reaches all fish (native and nonnative) will be

## UPPER COLORADO RIVER ENDANGERED FISH RECOVERY PROGRAM

captured measured and weighed; the natives will be returned to the river and all targeted nonnatives removed.

### Task Description, Deliverables and Schedule :

Task 1: Conduct four removal passes for smallmouth bass after spring runoff. Monitor fish community (all species with boat-based electrofishing) in five, one-mile long sub-reaches throughout Yampa Canyon.

Task 2: Analyze data and determine the smallmouth bass rates of removal. Track smallmouth bass density in the ten river reaches and species composition in the five sub-reaches.

Schedule: FY-2022

Task	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
1					X	X	X					
2										X	X	X

### Budget Summary:

FY Year	
2022	\$91,737
2023	\$92,901
2024	\$104,991
2025	\$134,413
2026	\$137,358
Total	\$561,399

### Reviewers:

*Program Director's Office*

### References:

Bestgen, K.R. and A.A. Hill. 2016. River regulation affects reproduction, early growth, and suppression strategies for invasive smallmouth bass in the upper Colorado River basin. Final report to the Upper Colorado River Endangered Fish Recovery Program. Denver, Colorado. Department of Fish, Wildlife, and Conservation Biology, Colorado State University, Fort Collins. Larval Fish Laboratory Contribution 214.

Bestgen, K.R., K.A. Zelasko, T. Eyre, C. Smith, G.C. White, M.T. Jones. 2020. Abundance estimation following increased removal verifies declining trends of northern pike in the Yampa River, Colorado. Final report to the Upper Colorado River Endangered Fish Recovery Program. Denver Federal Center, Lakewood, Colorado. Department of Fish,

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- Fuller, M. 2004. Development of a smallmouth bass and channel catfish control program in the lower Yampa River. Project #110. Annual report to the Recovery Implementation Program, U.S. Fish and Wildlife Service, Denver, CO.
- Hawkins, J.A. and T.P. Nesler. 1991. Nonnative fishes of the upper Colorado River basin: an issue paper. Final Report. Colorado State University and Colorado Division of Wildlife. Fort Collins. 72 pp.
- Hawkins, J.A. 2020. Evaluation of Smallmouth Bass and Northern Pike management in the middle Yampa River. Project 125. Annual Report to the Upper Colorado River Endangered Fish Recovery Program, Denver, Colorado.
- Johnson, B.M., P.J. Martinez, J.A. Hawkins, and K.R. Bestgen. 2008. Ranking predatory threats by nonnative fishes in the Yampa River, Colorado, via bioenergetics modeling. *North American Journal of Fisheries Management* 28: 1941-1953.
- Jones, M.T. 2013. Smallmouth bass control in the lower Yampa River. Project #110. Annual report to the Recovery Implementation Program, U.S. Fish and Wildlife Service, Denver, CO.
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- Partlow, M.S. and K.R. Elbin. 2020. Non-native fish control in the middle Green River. Projects #123b. Annual Report to the Upper Colorado River Endangered Fish Recovery Program, Denver, Colorado.
- Tyus, H.M. and N.J. Nikirk. 1990. Abundance, growth, and diet of channel catfish, *Ictalurus punctatus*, in the Green and Yampa rivers, Colorado and Utah. *The Southwestern Naturalist* 35 (2): 188-198.
- Tyus, H.M. and J.F. Saunders, III. 1996. Nonnative fishes in the Upper Colorado River Basin and a strategic plan for their control. Final Report to the Recovery Implementation Program for Endangered Fish Species in the Upper Colorado River Basin.
- Upper Colorado River Endangered Fish Recovery Program. 2019. Recovery implementation program recovery action plan. May 2019.

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U.S. Fish and Wildlife Service. 2002. Colorado pikeminnow (*Ptychocheilus lucius*) Recovery Goals: amendment and supplement to the Colorado Squawfish Recovery Plan. U.S. Fish and Wildlife Service, Mountain-Prairie Region (6), Denver, Colorado.

Valdez, R.A. and S.W. Carothers. 1998. The aquatic ecosystem of the Colorado River in Grand Canyon. Report prepared for the Bureau of Reclamation by SWCA Inc.

**SUMMARY OF PROPOSED COSTS**

<b>Name of Servicing Agency:</b>	USFWS Green River Basin FWCO
<b>Project Name:</b>	Recovery Program Project 110: Smallmouth bass control in the lower Yampa River

	YEAR 1		YEAR 2		YEAR 3		YEAR 4		YEAR 5		TOTAL
	10/1/2021		10/1/2022		10/1/2023		10/1/2024		10/1/2025		
	Through		Through		Through		Through		Through		
Enter the BEGINNING dates for each year ----->	9/30/2022		9/30/2023		9/30/2024		9/30/2025		9/30/2026		
Enter the ENDING dates for each year ----->											
<b>DIRECT LABOR AND FRINGE BENEFIT COSTS:</b>		<b>YEAR 1</b>		<b>YEAR 2</b>		<b>YEAR 3</b>		<b>YEAR 4</b>		<b>YEAR 5</b>	<b>TOTAL</b>
Direct Labor - Hourly		\$ 58,599.63		\$ 59,427.72		\$ 60,918.77		\$ 87,416.30		\$ 89,347.88	\$ 355,710.30
Fringe Benefits - Hourly		\$ 19,896.46		\$ 20,198.52		\$ 20,712.78		\$ 29,796.45		\$ 30,458.23	\$ 121,062.45
Subtotal of Direct Labor & Fringe Benefits:		\$ 78,496.09		\$ 79,626.24		\$ 81,631.55		\$ 117,212.76		\$ 119,806.11	\$ 476,772.75
<b>OTHER DIRECT COSTS:</b>		<b>YEAR 1</b>		<b>YEAR 2</b>		<b>YEAR 3</b>		<b>YEAR 4</b>		<b>YEAR 5</b>	<b>TOTAL</b>
Materials and Supplies		\$ 5,120.03		\$ 5,120.03		\$ 6,093.01		\$ 6,214.84		\$ 6,339.17	\$ 28,887.08
Travel Costs		\$ 3,048.57		\$ 3,048.57		\$ 4,483.99		\$ 4,573.67		\$ 4,665.15	\$ 19,819.96
Equipment		\$ -		\$ -		\$ 7,276.27		\$ -		\$ -	\$ 7,276.27
Contractors		\$ 2,400.00		\$ 2,400.00		\$ 2,448.00		\$ 2,496.96		\$ 2,546.90	\$ 12,291.86
Subtotal of Other Direct Costs:		\$ 10,568.60		\$ 10,568.60		\$ 20,301.28		\$ 13,285.47		\$ 13,551.22	\$ 68,275.17
<b>INDIRECT/OVERHEAD COSTS:</b>		<b>YEAR 1</b>		<b>YEAR 2</b>		<b>YEAR 3</b>		<b>YEAR 4</b>		<b>YEAR 5</b>	<b>TOTAL</b>
Subtotal of Labor and Other Direct Costs:		\$ 89,064.69		\$ 90,194.85		\$ 101,932.82		\$ 130,498.23		\$ 133,357.33	
Total dollars exempt from indirect/overhead base:		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
<Enter Description of Indirect/OH Cost #1>	3.00%	\$ 2,671.94	3.00%	\$ 2,705.85	3.00%	\$ 3,057.98	3.00%	\$ 3,914.95	3.00%	\$ 4,000.72	\$ 16,351.44
Total dollars exempt from indirect/overhead base:		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
<Enter Description of Indirect/OH Cost #2>	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -
Subtotal of Indirect/Overhead Costs:		\$ 2,671.94		\$ 2,705.85		\$ 3,057.98		\$ 3,914.95		\$ 4,000.72	\$ 16,351.44
<b>GRAND TOTAL:</b>		<b>\$ 91,736.63</b>		<b>\$ 92,900.69</b>		<b>\$ 104,990.81</b>		<b>\$ 134,413.18</b>		<b>\$ 137,358.05</b>	<b>\$ 561,399.36</b>

**SUMMARY OF DIRECT LABOR & FRINGE BENEFIT**

Enter Escalation Rates ----->	Yr 2 Escalation Rate	0.00%
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	Task # or Description	Position Title	GS/WG Grade	GS/WG Step	OPM Pay Location	Current Hourly Rate	YEAR 1					YEAR 2				
							10/1/2021		Through	9/30/2022		10/1/2022		Through	9/30/2023	
							# of Hours	Hourly Rate	Salary Cost	Fringe Rate	Fringe Cost	# of Hours	Hourly Rate	Salary Cost	Fringe Rate	Fringe Cost
1	1	Fish Biologist	GS 11	1	Rest of US	\$ 30.98	40.0	\$ 30.98	\$ 1,239.20	30.00%	\$ 371.76	40.0	\$ 32.01	\$ 1,280.40	30.00%	\$ 384.12
2	1	Fish Biologist	GS 12	2	Rest of US	\$ 38.37	324.0	\$ 38.37	\$ 12,431.88	37.00%	\$ 4,599.80	324.0	\$ 39.60	\$ 12,830.40	37.00%	\$ 4,747.25
3	1	Fisheries Technician	GS 8	10	Rest of US	\$ 30.14	185.0	\$ 30.14	\$ 5,575.90	52.00%	\$ 2,899.47	185.0	\$ 30.14	\$ 5,575.90	52.00%	\$ 2,899.47
4	1	Technician GS-6	GS 6	3	Rest of US	\$ 20.09	198.0	\$ 20.09	\$ 3,977.82	29.00%	\$ 1,153.57	198.0	\$ 20.09	\$ 3,977.82	29.00%	\$ 1,153.57
5	1	Biological Science Technician GS-6 OT	GS 6	3	Rest of US	\$ 30.14	32.0	\$ 30.14	\$ 964.32	0.00%	\$ -	32.0	\$ 30.14	\$ 964.32	0.00%	\$ -
6	1	Technician GS-6	GS 6	1	Rest of US	\$ 18.84	198.0	\$ 18.84	\$ 3,730.32	29.00%	\$ 1,081.79	198.0	\$ 18.84	\$ 3,730.32	29.00%	\$ 1,081.79
7	1	Biological Science Technician GS-6 OT	GS 6	1	Rest of US	\$ 28.26	32.0	\$ 28.26	\$ 904.32	0.00%	\$ -	32.0	\$ 28.26	\$ 904.32	0.00%	\$ -
8	1	Small Craft Operator	WG 5	3	Rest of US	\$ 19.87	198.0	\$ 19.87	\$ 3,934.26	29.00%	\$ 1,140.94	198.0	\$ 19.87	\$ 3,934.26	29.00%	\$ 1,140.94
9	1	Small Craft Operator OT	WG 5	3	Rest of US	\$ 29.81	32.0	\$ 29.81	\$ 953.76	0.00%	\$ -	32.0	\$ 29.81	\$ 953.76	0.00%	\$ -
10	1	Small Craft Operator	WG 5	2	Rest of US	\$ 19.11	198.0	\$ 19.11	\$ 3,783.78	29.00%	\$ 1,097.30	198.0	\$ 19.11	\$ 3,783.78	29.00%	\$ 1,097.30
11	1	Small Craft Operator OT	WG 5	2	Rest of US	\$ 28.67	32.0	\$ 28.67	\$ 917.28	0.00%	\$ -	32.0	\$ 28.67	\$ 917.28	0.00%	\$ -
12	2	Fish Biologist	GS 11	1	Rest of US	\$ 30.98	20.0	\$ 30.98	\$ 619.60	30.00%	\$ 185.88	20.0	\$ 32.01	\$ 640.20	30.00%	\$ 192.06
13	2	Fish Biologist	GS 12	2	Rest of US	\$ 38.37	299.0	\$ 38.37	\$ 11,472.63	37.00%	\$ 4,244.87	299.0	\$ 39.60	\$ 11,840.40	37.00%	\$ 4,380.95
14	2	Administrative Officer	GS 9	9	Rest of US	\$ 30.40	128.0	\$ 30.40	\$ 3,891.20	37.00%	\$ 1,439.74	128.0	\$ 30.40	\$ 3,891.20	37.00%	\$ 1,439.74
15	2	Project Leader	GS 13	5	Rest of US	\$ 50.04	84.0	\$ 50.04	\$ 4,203.36	40.00%	\$ 1,681.34	84.0	\$ 50.04	\$ 4,203.36	40.00%	\$ 1,681.34
16						\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -
17						\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -
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30						\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -
31						\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -
							<b>2,000.00</b>		<b>\$ 58,599.63</b>		<b>\$ 19,896.46</b>	<b>2,000.00</b>		<b>\$ 59,427.72</b>		<b>\$ 20,198.52</b>



**SUMMARY OF DIRECT LABOR & FRINGE BENEFIT**

Yr 3 Escalation Rate 2.00%

Yr 4 Escalation Rate 2.00%

							YEAR 3					YEAR 4				
							10/1/2023		Through	9/30/2024		10/1/2024		Through	9/30/2025	
Task # or Description	Position Title	GS/WG Grade	GS/WG Step	OPM Pay Location	Current Hourly Rate	# of Hours	Hourly Rate	Salary Cost	Fringe Rate	Fringe Cost	# of Hours	Hourly Rate	Salary Cost	Fringe Rate	Fringe Cost	
1	1	Fish Biologist	GS 11	1	Rest of US	\$ 30.98	40.0	\$ 33.04	\$ 1,321.60	30.00%	\$ 396.48	80.0	\$ 34.08	\$ 2,726.40	30.00%	\$ 817.92
2	1	Fish Biologist	GS 12	2	Rest of US	\$ 38.37	324.0	\$ 40.84	\$ 13,232.16	37.00%	\$ 4,895.90	390.0	\$ 42.08	\$ 16,411.20	37.00%	\$ 6,072.14
3	1	Fisheries Technician	GS 8	10	Rest of US	\$ 30.14	185.0	\$ 30.74	\$ 5,687.42	52.00%	\$ 2,957.46	273.0	\$ 31.36	\$ 8,560.64	52.00%	\$ 4,451.53
4	1	Technician GS-6	GS 6	3	Rest of US	\$ 20.09	198.0	\$ 20.49	\$ 4,057.38	29.00%	\$ 1,176.64	280.0	\$ 20.90	\$ 5,852.46	29.00%	\$ 1,697.21
5	1	Biological Science Technician GS-6 OT	GS 6	3	Rest of US	\$ 30.14	32.0	\$ 30.74	\$ 983.61	0.00%	\$ -	48.0	\$ 31.35	\$ 1,504.92	0.00%	\$ -
6	1	Technician GS-6	GS 6	1	Rest of US	\$ 18.84	198.0	\$ 19.22	\$ 3,804.93	29.00%	\$ 1,103.43	280.0	\$ 19.60	\$ 5,488.32	29.00%	\$ 1,591.61
7	1	Biological Science Technician GS-6 OT	GS 6	1	Rest of US	\$ 28.26	32.0	\$ 28.83	\$ 922.41	0.00%	\$ -	48.0	\$ 29.40	\$ 1,411.28	0.00%	\$ -
8	1	Small Craft Operator	WG 5	3	Rest of US	\$ 19.87	198.0	\$ 20.27	\$ 4,012.95	29.00%	\$ 1,163.75	280.0	\$ 20.67	\$ 5,788.37	29.00%	\$ 1,678.63
9	1	Small Craft Operator OT	WG 5	3	Rest of US	\$ 29.81	32.0	\$ 30.40	\$ 972.84	0.00%	\$ -	48.0	\$ 31.01	\$ 1,488.44	0.00%	\$ -
10	1	Small Craft Operator	WG 5	2	Rest of US	\$ 19.11	198.0	\$ 19.49	\$ 3,859.46	29.00%	\$ 1,119.24	280.0	\$ 19.88	\$ 5,566.97	29.00%	\$ 1,614.42
11	1	Small Craft Operator OT	WG 5	2	Rest of US	\$ 28.67	32.0	\$ 29.24	\$ 935.63	0.00%	\$ -	48.0	\$ 29.82	\$ 1,431.51	0.00%	\$ -
12	2	Fish Biologist	GS 11	1	Rest of US	\$ 30.98	20.0	\$ 33.04	\$ 660.80	30.00%	\$ 198.24	-	\$ 33.70	\$ -	30.00%	\$ -
13	2	Fish Biologist	GS 12	2	Rest of US	\$ 38.37	299.0	\$ 40.84	\$ 12,211.16	37.00%	\$ 4,518.13	384.0	\$ 41.66	\$ 15,996.21	37.00%	\$ 5,918.60
14	2	Administrative Officer	GS 9	9	Rest of US	\$ 30.40	128.0	\$ 31.01	\$ 3,969.02	37.00%	\$ 1,468.54	128.0	\$ 31.63	\$ 4,048.40	37.00%	\$ 1,497.91
15	2	Project Leader	GS 13	5	Rest of US	\$ 50.04	84.0	\$ 51.04	\$ 4,287.43	40.00%	\$ 1,714.97	214.0	\$ 52.06	\$ 11,141.19	40.00%	\$ 4,456.47
16					\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -	
17					\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -	
18					\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -	
19					\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -	
20					\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -	
21					\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -	
22					\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -	
23					\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -	
24					\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -	
25					\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -	
26					\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -	
27					\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -	
28					\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -	
29					\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -	
30					\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -	
31					\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -	
							<b>2,000.00</b>		<b>\$ 60,918.77</b>		<b>\$ 20,712.78</b>	<b>2,781.00</b>		<b>\$ 87,416.30</b>		<b>\$ 29,796.45</b>

# UMMARY OF DIRECT LABOR & FRINGE BENEFIT

Yr 5 Escalation Rate	2.00%
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							YEAR 5					Total Salary Cost	Total Fringe Cost	Total Labor Cost
							10/1/2025		Through	9/30/2026				
Task # or Description	Position Title	GS/WG Grade	GS/WG Step	OPM Pay Location	Current Hourly Rate	# of Hours	Hourly Rate	Salary Cost	Fringe Rate	Fringe Cost				
1	1	Fish Biologist	GS 11	1	Rest of US	\$ 30.98	80.0	\$ 35.11	\$ 2,808.80	30.00%	\$ 842.64	\$ 9,376.40	\$ 2,812.92	\$ 12,189.32
2	1	Fish Biologist	GS 12	2	Rest of US	\$ 38.37	390.0	\$ 43.32	\$ 16,894.80	37.00%	\$ 6,251.08	\$ 71,800.44	\$ 26,566.16	\$ 98,366.60
3	1	Fisheries Technician	GS 8	10	Rest of US	\$ 30.14	273.0	\$ 31.98	\$ 8,731.85	52.00%	\$ 4,540.56	\$ 34,131.71	\$ 17,748.49	\$ 51,880.20
4	1	Technician GS-6	GS 6	3	Rest of US	\$ 20.09	280.0	\$ 21.32	\$ 5,969.51	29.00%	\$ 1,731.16	\$ 23,834.98	\$ 6,912.14	\$ 30,747.13
5	1	Biological Science Technician GS-6 OT	GS 6	3	Rest of US	\$ 30.14	48.0	\$ 31.98	\$ 1,535.02	0.00%	\$ -	\$ 5,952.18	\$ -	\$ 5,952.18
6	1	Technician GS-6	GS 6	1	Rest of US	\$ 18.84	280.0	\$ 19.99	\$ 5,598.08	29.00%	\$ 1,623.44	\$ 22,351.97	\$ 6,482.07	\$ 28,834.04
7	1	Biological Science Technician GS-6 OT	GS 6	1	Rest of US	\$ 28.26	48.0	\$ 29.99	\$ 1,439.51	0.00%	\$ -	\$ 5,581.84	\$ -	\$ 5,581.84
8	1	Small Craft Operator	WG 5	3	Rest of US	\$ 19.87	280.0	\$ 21.09	\$ 5,904.14	29.00%	\$ 1,712.20	\$ 23,573.97	\$ 6,836.45	\$ 30,410.42
9	1	Small Craft Operator OT	WG 5	3	Rest of US	\$ 29.81	48.0	\$ 31.63	\$ 1,518.21	0.00%	\$ -	\$ 5,887.00	\$ -	\$ 5,887.00
10	1	Small Craft Operator	WG 5	2	Rest of US	\$ 19.11	280.0	\$ 20.28	\$ 5,678.31	29.00%	\$ 1,646.71	\$ 22,672.30	\$ 6,574.97	\$ 29,247.27
11	1	Small Craft Operator OT	WG 5	2	Rest of US	\$ 28.67	48.0	\$ 30.42	\$ 1,460.14	0.00%	\$ -	\$ 5,661.83	\$ -	\$ 5,661.83
12	2	Fish Biologist	GS 11	1	Rest of US	\$ 30.98	-	\$ 34.37	\$ -	30.00%	\$ -	\$ 1,920.60	\$ 576.18	\$ 2,496.78
13	2	Fish Biologist	GS 12	2	Rest of US	\$ 38.37	384.0	\$ 42.49	\$ 16,316.14	37.00%	\$ 6,036.97	\$ 67,836.54	\$ 25,099.52	\$ 92,936.06
14	2	Administrative Officer	GS 9	9	Rest of US	\$ 30.40	128.0	\$ 32.26	\$ 4,129.37	37.00%	\$ 1,527.87	\$ 19,929.20	\$ 7,373.80	\$ 27,303.01
15	2	Project Leader	GS 13	5	Rest of US	\$ 50.04	214.0	\$ 53.10	\$ 11,364.01	40.00%	\$ 4,545.60	\$ 35,199.34	\$ 14,079.74	\$ 49,279.08
16					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
17					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
18					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
19					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
20					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
21					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
22					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
23					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
24					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
25					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
26					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
27					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
28					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
29					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
30					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
31					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
							<b>2,781.00</b>		<b>\$ 89,347.88</b>		<b>\$ 30,458.23</b>	<b>\$ 355,710.30</b>	<b>\$ 121,062.45</b>	<b>\$ 476,772.75</b>

# SUMMARY OF MATERIALS AND SUPPLIES

## SUMMARY OF MATERIALS, SUPPLIES, SERVICES

Yr 2 Escalation Rate	0.00%
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	Task # or Description	Item Description	Rationale for Proposed Cost	Year 1			Year 2		
				Unit Price	Unit Quantity	Subtotal	Unit Price	Unit Quantity	Subtotal
1	1	GSA Lease of Equip Code 6352 (monthly lease)	<a href="http://www.gsa.gov/portal/category/21852">http://www.gsa.gov/portal/category/21852</a>	\$ 233.00	4	\$ 932.00	\$ 233.00	4	\$ 932.00
2	1	GSA Lease of Equip Code 6352 (mileage rate)	<a href="http://www.gsa.gov/portal/category/21852">http://www.gsa.gov/portal/category/21852</a>	\$ 0.33	2200	\$ 715.00	\$ 0.33	2200	\$ 715.00
3	1	GSA Lease of Equip Code 6350 (monthly lease)	<a href="http://www.gsa.gov/portal/category/21852">http://www.gsa.gov/portal/category/21852</a>	\$ 216.00	2	\$ 432.00	\$ 216.00	2	\$ 432.00
4	1	GSA Lease of Equip Code 6350 (mileage rate)	<a href="http://www.gsa.gov/portal/category/21852">http://www.gsa.gov/portal/category/21852</a>	\$ 0.32	1100	\$ 352.00	\$ 0.32	1100	\$ 352.00
5	1	Sampling gear repair/replacment	Please refer to Reclamation Agreement number R15PG00083	\$ 779.33	1	\$ 779.33	\$ 779.33	1	\$ 779.33
6	1	Boating gear repair/replacement	Please refer to Reclamation Agreement number R15PG00083	\$ 779.33	1	\$ 779.33	\$ 779.33	1	\$ 779.33
7	1	Camping gear repair replacement	Please refer to Reclamation Agreement number R15PG00083	\$ 779.33	1	\$ 779.33	\$ 779.33	1	\$ 779.33
8	1	Boat fuel (gal)	Please refer to Reclamation Agreement number R15PG00083	\$ 4.00	64	\$ 256.00	\$ 4.00	64	\$ 256.00
9	1	GSA Lease of Equip Code 6352 (mileage rate)	<a href="http://www.gsa.gov/portal/category/21852">http://www.gsa.gov/portal/category/21852</a>	\$ 0.33	288	\$ 95.04	\$ 0.33	288	\$ 95.04
10				\$ -	0	\$ -	\$ -	0	\$ -
11				\$ -	0	\$ -	\$ -	0	\$ -
12				\$ -	0	\$ -	\$ -	0	\$ -
13				\$ -	0	\$ -	\$ -	0	\$ -
14				\$ -	0	\$ -	\$ -	0	\$ -
15				\$ -	0	\$ -	\$ -	0	\$ -
16				\$ -	0	\$ -	\$ -	0	\$ -
17				\$ -	0	\$ -	\$ -	0	\$ -
18				\$ -	0	\$ -	\$ -	0	\$ -
19				\$ -	0	\$ -	\$ -	0	\$ -
20				\$ -	0	\$ -	\$ -	0	\$ -
21				\$ -	0	\$ -	\$ -	0	\$ -
22				\$ -	0	\$ -	\$ -	0	\$ -
23				\$ -	0	\$ -	\$ -	0	\$ -
<b>TOTAL:</b>						<b>\$ 5,120.03</b>			<b>\$ 5,120.03</b>

# SUMMARY OF MATERIALS AND SUPPLIES

	Yr 3 Escalation Rate	2.00%	Yr 4 Escalation Rate	2.00%
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## SUMMARY OF MATERIALS, SUPPLIES, SERVICES

	Task # or Description	Item Description	Year 3			Year 4		
			Unit Price	Unit Quantity	Subtotal	Unit Price	Unit Quantity	Subtotal
1	1	GSA Lease of Equip Code 6352 (monthly lease)	\$ 237.66	4	\$ 950.64	\$ 242.41	4	\$ 969.65
2	1	GSA Lease of Equip Code 6352 (mileage rate)	\$ 0.33	3300	\$ 1,093.95	\$ 0.34	3300	\$ 1,115.83
3	1	GSA Lease of Equip Code 6350 (monthly lease)	\$ 220.32	2	\$ 440.64	\$ 224.73	2	\$ 449.45
4	1	GSA Lease of Equip Code 6350 (mileage rate)	\$ 0.33	1650	\$ 538.56	\$ 0.33	1650	\$ 549.33
5	1	Sampling gear repair/replacment	\$ 794.92	1	\$ 794.92	\$ 810.81	1	\$ 810.81
6	1	Boating gear repair/replacement	\$ 794.92	1	\$ 794.92	\$ 810.81	1	\$ 810.81
7	1	Camping gear repair replacement	\$ 794.92	1	\$ 794.92	\$ 810.81	1	\$ 810.81
8	1	Boat fuel (gal)	\$ 4.08	144	\$ 587.52	\$ 4.16	144	\$ 599.27
9	1	GSA Lease of Equip Code 6352 (mileage rate)	\$ 0.34	288	\$ 96.94	\$ 0.34	288	\$ 98.88
10			\$ -	0	\$ -	\$ -	0	\$ -
11			\$ -	0	\$ -	\$ -	0	\$ -
12			\$ -	0	\$ -	\$ -	0	\$ -
13			\$ -	0	\$ -	\$ -	0	\$ -
14			\$ -	0	\$ -	\$ -	0	\$ -
15			\$ -	0	\$ -	\$ -	0	\$ -
16			\$ -	0	\$ -	\$ -	0	\$ -
17			\$ -	0	\$ -	\$ -	0	\$ -
18			\$ -	0	\$ -	\$ -	0	\$ -
19			\$ -	0	\$ -	\$ -	0	\$ -
20			\$ -	0	\$ -	\$ -	0	\$ -
21			\$ -	0	\$ -	\$ -	0	\$ -
22			\$ -	0	\$ -	\$ -	0	\$ -
23			\$ -	0	\$ -	\$ -	0	\$ -
					<b>\$ 6,093.01</b>			
						<b>\$ 6,214.84</b>		

# SUMMARY OF MATERIALS AND SUPPLIES

			Yr 5 Escalation Rate	2.00%		
<b>SUMMARY OF MATERIALS, SUPPLIES, SERVICES</b>						
Year 5						
	Task # or Description	Item Description	Unit Price	Unit Quantity	Subtotal	TOTAL
1	1	GSA Lease of Equip Code 6352 (monthly lease)	\$ 247.26	4	\$ 989.05	\$ 4,773.34
2	1	GSA Lease of Equip Code 6352 (mileage rate)	\$ 0.34	3300	\$ 1,138.15	\$ 4,777.93
3	1	GSA Lease of Equip Code 6350 (monthly lease)	\$ 229.22	2	\$ 458.44	\$ 2,212.53
4	1	GSA Lease of Equip Code 6350 (mileage rate)	\$ 0.34	1650	\$ 560.32	\$ 2,352.21
5	1	Sampling gear repair/replacment	\$ 827.03	1	\$ 827.03	\$ 3,991.42
6	1	Boating gear repair/replacement	\$ 827.03	1	\$ 827.03	\$ 3,991.42
7	1	Camping gear repair replacement	\$ 827.03	1	\$ 827.03	\$ 3,991.42
8	1	Boat fuel (gal)	\$ 4.24	144	\$ 611.26	\$ 2,310.05
9	1	GSA Lease of Equip Code 6352 (mileage rate)	\$ 0.35	288	\$ 100.86	\$ 486.76
10			\$ -	0	\$ -	\$ -
11			\$ -	0	\$ -	\$ -
12			\$ -	0	\$ -	\$ -
13			\$ -	0	\$ -	\$ -
14			\$ -	0	\$ -	\$ -
15			\$ -	0	\$ -	\$ -
16			\$ -	0	\$ -	\$ -
17			\$ -	0	\$ -	\$ -
18			\$ -	0	\$ -	\$ -
19			\$ -	0	\$ -	\$ -
20			\$ -	0	\$ -	\$ -
21			\$ -	0	\$ -	\$ -
22			\$ -	0	\$ -	\$ -
23			\$ -	0	\$ -	\$ -
					<b>\$ 6,339.17</b>	<b>\$ 28,887.08</b>

# SUMMARY OF TRAVEL COSTS

Cost Element	Year 1	Year 2	Year 3	Year 4	Year 5	TOTAL
<b>Trip #</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	
<b>From-To</b>	Vernal to Yampa Canyon	Vernal to Yampa Canyon	Vernal to Yampa Canyon	Vernal to Yampa Canyon	Vernal to Yampa Canyon	
<b>Reason</b>	Field work	Field work	Field work	Field work	Field work	
<b># of Days (include travel days)</b>	16	16	24	24	24	
<b>Airfare</b>	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Lodging (Per Night)</b>	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>MI&amp;E Per Day</b>	\$ 33.69	\$ 33.69	\$ 34.36	\$ 35.05	\$ 35.75	
<b>Auto Rental Per Day</b>	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Total Per Trip</b>	\$ <b>522.16</b>	\$ <b>522.16</b>	\$ <b>807.49</b>	\$ <b>823.64</b>	\$ <b>840.11</b>	
<b>No. of persons</b>	5	5	5	5	5	
<b>SUBTOTAL =</b>	\$ <b>2,610.78</b>	\$ <b>2,610.78</b>	\$ <b>4,037.45</b>	\$ <b>4,118.20</b>	\$ <b>4,200.56</b>	\$ <b>17,577.76</b>

FINAL FUND TARGETS:                      \$2,873.60                      \$2,931.07                      \$4,484.54                      \$4,574.23                      \$4,665.72                      \$19,529.16

Cost Element	Year 1	Year 2	Year 3	Year 4	Year 5	TOTAL
<b>Trip #</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	
<b>From-To</b>	Vernal to Grand Junction	Vernal to Grand Junction	Vernal to Grand Junction	Vernal to Grand Junction	Vernal to Grand Junction	
<b>Reason</b>	NNF Meeting	NNF Meeting	NNF Meeting	NNF Meeting	NNF Meeting	
<b># of Days (include travel days)</b>	3	3	3	3	3	
<b>Airfare</b>	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Lodging (Per Night)</b>	\$ 96.00	\$ 96.00	\$ 97.92	\$ 99.88	\$ 101.88	
<b>MI&amp;E Per Day</b>	\$ 59.92	\$ 59.92	\$ 61.12	\$ 62.34	\$ 63.58	
<b>Auto Rental Per Day</b>	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>Total Per Trip</b>	\$ <b>437.79</b>	\$ <b>437.79</b>	\$ <b>446.55</b>	\$ <b>455.48</b>	\$ <b>464.59</b>	
<b>No. of persons</b>	1	1	1	1	1	
<b>SUBTOTAL =</b>	\$ <b>437.79</b>	\$ <b>437.79</b>	\$ <b>446.55</b>	\$ <b>455.48</b>	\$ <b>464.59</b>	\$ <b>2,242.20</b>

FINAL FUND TARGETS:                      \$425.50                      \$434.01                      \$442.69                      \$451.54                      \$460.57                      \$2,214.32

	Year 1	Year 2	Year 3	Year 4	Year 5	TOTAL
<b>TOTAL COST BY PERIOD =</b>	\$ <b>3,048.57</b>	\$ <b>3,048.57</b>	\$ <b>4,483.99</b>	\$ <b>4,573.67</b>	\$ <b>4,665.15</b>	\$ <b>19,819.96</b>

FINAL FUND TARGETS:                      \$3,299.10                      \$3,365.08                      \$4,927.23                      \$5,025.77                      \$5,126.29                      \$21,743.48

# SUMMARY OF EQUIPMENT COSTS

**SUMMARY OF EQUIPMENT**

Enter Escalation Rates -----> Yr 2 Escalation Rate 0.00% Yr 3 Escalation Rate 2.00%

	Task # or Description	Item Description	Rationale for Proposed Cost	Year 1			Year 2			Year 3		
				Unit Price	Unit Quantity	Subtotal	Unit Price	Unit Quantity	Subtotal	Unit Price	Unit Quantity	Subtotal
1	1	Honda EU2200i generator	<a href="https://powerequipment.honda.com/generators">https://powerequipment.honda.com/generators</a>	\$ 1,159.95	0	\$ -	\$ 1,159.95	0	\$ -	\$ 1,183.15	2	\$ 2,366.30
2	1	Honda EU2200i Companion generator	<a href="https://powerequipment.honda.com/generators">https://powerequipment.honda.com/generators</a>	\$ 1,289.95	0	\$ -	\$ 1,289.95	0	\$ -	\$ 1,315.75	2	\$ 2,631.50
3	1	ETS Electrofishing booster and filter	Based on prior purchases	\$ 1,116.90	0	\$ -	\$ 1,116.90	0	\$ -	\$ 1,139.24	2	\$ 2,278.48
4				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
5				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
6				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
7				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
8				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
9				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
10				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
11				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
12				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
13				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
14				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
15				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
16				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
17				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
18				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
19				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
20				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
21				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
22				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
23				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
24				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
25				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
26				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
27				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
28				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
29				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
30				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
<b>TOTAL:</b>						\$ -			\$ -			\$ 7,276.27

# SUMMARY OF EQUIPMENT COSTS

SUMMARY OF EQUIPMENT	Yr 4 Escalation Rate	2.00%	Yr 5 Escalation Rate	2.00%
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	Task # or Description	Item Description	Year 4			Year 5			TOTAL
			Unit Price	Unit Quantity	Subtotal	Unit Price	Unit Quantity	Subtotal	
1	1	Honda EU2200i generator	\$ 1,206.81	0	\$ -	\$ 1,230.95	0	\$ -	\$ 2,366.30
2	1	Honda EU2200i Companion generator	\$ 1,342.06	0	\$ -	\$ 1,368.91	0	\$ -	\$ 2,631.50
3	1	ETS Electrofishing booster and filter	\$ 1,162.02	0	\$ -	\$ 1,185.26	0	\$ -	\$ 2,278.48
4			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
5			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
6			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
7			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
8			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
9			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
10			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
11			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
12			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
13			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
14			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
15			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
16			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
17			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
18			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
19			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
20			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
21			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
22			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
23			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
24			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
25			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
26			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
27			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
28			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
29			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
30			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
			\$ -		\$ -	\$ -		\$ -	\$ 7,276.27



# SUMMARY OF CONTRACTOR COSTS

	Contractor:	Contractor Website:	Purpose:	Competitive Award?	Year 1	Year 2	Year 3	Year 4	Year 5	TOTAL
<b>1</b>	River Runners Transport	<a href="http://runnerstransport.com/">unnerstransport.com/</a>	shuttles: Deerlodge	No	\$ 2,400.00	\$ 2,400.00	\$ 2,448.00	\$ 2,496.96	\$ 2,546.90	\$ 12,291.86
<b>2</b>					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>3</b>					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>4</b>					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>5</b>					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>TOTAL =</b>				<b>\$ 2,400.00</b>	<b>\$ 2,400.00</b>	<b>\$ 2,448.00</b>	<b>\$ 2,496.96</b>	<b>\$ 2,546.90</b>	<b>\$ 12,291.86</b>

RRT is the only shuttle company located in Vernal, Utah.				
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