

UPPER COLORADO RIVER ENDANGERED FISH RECOVERY PROGRAM

FY 2022-23 SCOPE OF WORK

PROJECT: C-29a

Project Title

Salvage of native fish from the Grand Valley Irrigation Company and Grand Valley Water Users canals

Bureau of Reclamation Agreement Number:
R20PG00024

Reclamation Agreement Term
Oct. 1, 2019 – Sep. 30, 2024

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.

Lead Agency:

Colorado Parks and Wildlife (providing in-kind contributions for field collection of fish, and data preparation for submission to the U.S. Fish and Wildlife Service-Grand Junction Fish and Wildlife Conservation Office and STReAMS database)

U.S. Fish and Wildlife Service, Grand Junction Fish and Wildlife Conservation Office (providing four employees to assist Colorado Parks and Wildlife with field collection of fish for eight to nine days and preparing and submitting the Annual Report to the Upper Colorado River Endangered Fish Recovery Program)

Principal Investigators:

Travis Francis, Deputy Project Leader
U.S. Fish and Wildlife Service
Grand Junction Fish and Wildlife Conservation Office
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UPPER COLORADO RIVER ENDANGERED FISH RECOVERY PROGRAM

Category:

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

Expected Funding Source:

- Annual funds
 Capital funds
 Other *[explain]*

Relationship to RIPRAP:

This project will collect native fishes that are entrained within sections of the Grand Valley Irrigation Company (GVIC) and/or Grand Valley Water Users (GVWU) canals, complete measurements and tagging (as needed) on individual fish, and translocate and stock native fishes in the Colorado and/or Gunnison rivers. Colorado Parks and Wildlife (CPW) and the U.S. Fish and Wildlife Service-Grand Junction Fish and Wildlife Conservation Office (USFWS-GJFWCO) will work collaboratively to accomplish these objectives.

Colorado River Action Plan: Mainstem

- V. Monitor populations and habitat and conduct research to support recovery actions (research, monitoring, and data management).
V.B.4.b. Implement plan to monitor incidental take of endangered fish in diversion structures.

Study Background/Rationale and Hypotheses:

A fish screen was constructed on the GVIC canal in winter 2001-2002. However, for the first few years following construction, the screen was not operated for a full season. The GVIC fish screen is now fully operational. A fish screen was completed in the summer of 2005 for the GVWU canal. It became fully operational in 2009. However, during events when debris or algae growth overloads the screens and water cannot pass through them, the irrigation companies have the option of either lifting the screens at GVIC or using the bypass channel at GVWU. When this occurs, fish can pass downstream of the fish screen and the underground fish return tube that are intended to return them to the river. Hence, large numbers of fish (all species and life stages) can swim freely down these canals and ultimately become stranded when they are dewatered each fall.

Study Goals, Objectives, End Product(s):

The study goal for the project is to reduce the number of native fishes stranded in the GVIC and/or GVWU canals.

The study objective for the project includes collecting native fish entrained in the GVIC and/or GVWU canals, completing measurements and tagging (as needed) on individual fish, and translocating and stocking native fishes in the Colorado and/or Gunnison rivers.

Colorado Parks and Wildlife will be the lead agency (in-kind contributions) for collection of native fish, and data preparation for submission to the USFWS-GJFWCO and STReAMS database. The USFWS-GJFWCO will be the lead agency for preparing and submitting the Annual Report to the Upper Colorado River Endangered Fish Recovery Program (Recovery Program).

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Study Area:

The study area includes sections of the GVIC and/or GVWU canals that divert water from the Colorado River near Palisade, Colorado downstream to near Fruita, Colorado.

Study Methods/Approach:

Sections of the GVIC and/or GVWU canals that hold water after irrigation diversion flows are terminated each fall will be sampled collaboratively by CPW and the USFWS-GJFWCO using barge-mounted or truck-mounted electrofishing systems and/or seines. Native fish may also be salvaged from some major canals lateral to the GVWU canal (e.g., Palisade Irrigation, Orchard Mesa Irrigation District) if/when the opportunity presents itself and with the proper permissions for access to these facilities.

Depending upon the type of water year preceding salvage efforts, different approaches may be used to decide which sections of canal to salvage. During years with high spring peak flow and years with extended high runoff, longer sections of the canals may be salvaged. These sections could start near Fruita, Colorado around 22 or 24 roads and continue eastwards to the most upstream ends of the Grand Valley. In years with lower runoff peak and/or duration, salvage efforts will be concentrated in the most upstream (i.e., eastern) sections of the Grand Valley, focusing on previously identified 'hot spots' where native and endangered fishes tend to congregate in these types of water years. Most hot spots occur east of 30 Road in Grand Junction, Colorado.

Fish collection will begin approximately one week after the canals have been shut off in the fall, allowing them to drain down to a water level that is accessible by the sampling crew. The fish collection crew will travel the canal roads searching for large pools and/or sections of water that could still hold fish. When optimal pools of water are found, crews will walk the canal using electrofishing probes and/or seines to capture all fish possible. Native fish will be enumerated by species. As part of CPW's Three Species (roundtail chub, flannelmouth sucker, and bluehead sucker) sampling efforts, large numbers of native fishes may also be weighed, measured and tagged with passive integrated transponder (PIT) tags, prior to being placed in a hatchery truck to be transported to and stocked in the Colorado and/or Gunnison rivers. Any endangered fish collected during this process will be measured, weighed, and checked for the presence of a PIT tag. If no PIT tag is present, one will be implanted prior to releasing the fish alive back into the Colorado and/or Gunnison rivers.

Colorado Parks and Wildlife will complete a minimum of five days of native fish collection in the field, in addition to a minimum of five days to obtain access to canal property, prepare and breakdown sampling equipment, complete data entry, and prepare and submit data to the USFWS-GJFWCO and STReaMS database.

The USFWS-GJFWCO will provide a stocking truck for field collections, will complete up to eight or nine days of fish collection at the direction of Colorado Parks and Wildlife and will prepare and submit the Annual Report to the Recovery Program.

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Task Description, Deliverables and Schedule :

Task 1. Obtain permission to access canal property (CPW), and prepare sampling equipment (CPW and USFWS-GJFWCO).

Schedule: October - November

Task 2. Complete native fish collection from sections of the GVIC and/or GVWU canals. Complete measurements and tagging (as needed) on individual fish. Translocate and stock native fishes in the Colorado and/or Gunnison rivers. Task to be completed by CPW and USFWS-GJFWCO.

Schedule: November

Task 3. Breakdown sampling equipment and complete data entry (CPW and GJFWCO). Colorado Parks and Wildlife to prepare and submit data to the USFWS-GJFCO and STReAMS database. U.S. Fish and Wildlife Service Grand Junction Fish and Wildlife Conservation Office to compile, summarize, and prepare Annual Report for submission to the Recovery Program, generally by the middle of December.

Schedule: November - December

Overall Schedule FY 2022:

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

Overall Schedule FY 2023:

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

Overall Schedule FY 2024:

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

Overall Schedule FY 2025:

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

UPPER COLORADO RIVER ENDANGERED FISH RECOVERY PROGRAM

Overall Schedule FY 2026:

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

Budget Summary:

Fiscal Year	CPW (total of <u>in-kind contributions</u> = salaries, fringe and indirect costs; materials; travel; and equipment-only in FY 2022)	USFWS-GJFWCO
2022	\$30,932.08	\$15,632
2023	\$18,739.51	\$15,632
2024	\$16,147.81	\$16,257
2025	\$19,396.72	\$16,582
2026	\$19,735.21	\$16,914
Total	\$104,951.33	\$81,018

Reviewers:

Harry Crockett, CPW, 970-472-4339, 317 West Prospect St., Fort Collins, CO 80526
 Vanessa Frank, CPW, 303-242-0336, 6060 Broadway, Denver, CO 80216
 Paula Nicholas, CPW, 303-866-3203 ext. 4677, 6060 Broadway, Denver, CO 80216
 Lori Martin, CPW, 970-255-6186, 711 Independent Ave., Grand Junction, CO 81505

References:

None

SUMMARY OF PROPOSED COSTS

Name of Servicing Agency:	U.S.F.W.S. Grand Junction Fish and Wildlife Conservation Office
Project Name:	C-29a, Salvage of Native Fish from Grand Valley Irrigation Company and Grand Valley Water Users Canals.

	YEAR 1		YEAR 2		YEAR 3		YEAR 4		YEAR 5		TOTAL
	10/1/2021	Through 9/30/2022	10/1/2022	Through 9/30/2023	10/1/2023	Through 9/30/2024	10/1/2024	Through 9/30/2025	10/1/2025	Through 9/30/2026	
DIRECT LABOR AND FRINGE BENEFIT COSTS:											
Direct Labor - Hourly	\$ 8,562.00		\$ 8,562.00		\$ 8,904.48		\$ 9,082.57		\$ 9,264.22		\$ 44,375.27
Fringe Benefits - Hourly	\$ 4,175.99		\$ 4,175.99		\$ 4,343.02		\$ 4,429.89		\$ 4,518.48		\$ 21,643.36
Subtotal of Direct Labor & Fringe Benefits:	\$ 12,737.99		\$ 12,737.99		\$ 13,247.50		\$ 13,512.45		\$ 13,782.70		\$ 66,018.63
OTHER DIRECT COSTS:											
Materials and Supplies	\$ 2,438.75		\$ 2,438.75		\$ 2,536.29		\$ 2,587.02		\$ 2,638.76		\$ 12,639.57
Travel Costs	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Equipment	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Contractors	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Subtotal of Other Direct Costs:	\$ 2,438.75		\$ 2,438.75		\$ 2,536.29		\$ 2,587.02		\$ 2,638.76		\$ 12,639.57
INDIRECT/OVERHEAD COSTS:											
Subtotal of Labor and Other Direct Costs:	\$ 15,176.74		\$ 15,176.74		\$ 15,783.79		\$ 16,099.47		\$ 16,421.46		\$ 78,658.20
Total dollars exempt from indirect/overhead base:	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
<Enter Description of Indirect/OH Cost #1>	3.00%	\$ 455.30	3.00%	\$ 455.30	3.00%	\$ 473.51	3.00%	\$ 482.98	3.00%	\$ 492.64	\$ 2,359.75
Total dollars exempt from indirect/overhead base:	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
<Enter Description of Indirect/OH Cost #2>		\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -
Subtotal of Indirect/Overhead Costs:	\$ 455.30		\$ 455.30		\$ 473.51		\$ 482.98		\$ 492.64		\$ 2,359.75
GRAND TOTAL:	\$ 15,632.04		\$ 15,632.04		\$ 16,257.31		\$ 16,582.46		\$ 16,914.11		\$ 81,017.95

SUMMARY OF DIRECT LABOR & FRINGE BENEFITS

Enter Escalation Rates ----->	Yr 2 Escalation Rate	0.00%
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	Project Number	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	C-29a	2 and 3	Deputy Project Leader	12	4	Rest of US	\$ 40.84	35.0	\$ 40.84	\$ 1,429.40	51.50%	\$ 736.14	35.0	\$ 40.84	\$ 1,429.40	51.50%	\$ 736.14
2	C-29a	2	Project Leader	14	8	Rest of US	\$ 64.35	20.0	\$ 64.35	\$ 1,287.00	42.80%	\$ 550.84	20.0	\$ 64.35	\$ 1,287.00	42.80%	\$ 550.84
3	C-29a	2	Biological Technician (	7	5	Rest of US	\$ 23.72	35.0	\$ 23.72	\$ 830.20	65.00%	\$ 539.63	35.0	\$ 23.72	\$ 830.20	65.00%	\$ 539.63
4	C-29a	2	Biological Technician (	6	4	Rest of US	\$ 20.72	80.0	\$ 20.72	\$ 1,657.60	49.80%	\$ 825.48	80.0	\$ 20.72	\$ 1,657.60	49.80%	\$ 825.48
5	C-29a	2	Biological Technician	5	1	Rest of US	\$ 16.90	180.0	\$ 16.90	\$ 3,042.00	45.60%	\$ 1,387.15	180.0	\$ 16.90	\$ 3,042.00	45.60%	\$ 1,387.15
6	C-29a	2	Administrative Officer	9	8	Rest of US	\$ 31.58	10.0	\$ 31.58	\$ 315.80	43.30%	\$ 136.74	10.0	\$ 31.58	\$ 315.80	43.30%	\$ 136.74
7							\$ -	-	\$ -	\$ -	51.50%	\$ -	-	\$ -	\$ -	51.50%	\$ -
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								360.00		\$ 8,562.00		\$ 4,175.99	360.00		\$ 8,562.00		\$ 4,175.99

SUMMARY OF DIRECT LABOR & FRINGE BENEFITS

Yr 3 Escalation Rate 4.00%

Yr 4 Escalation Rate 2.00%

	Project Number	Task # or Description	Position Title	GS/WG Grade	GS/WG Step	OPM Pay Location	Current Hourly Rate	YEAR 3					YEAR 4				
								10/1/2023		Through	9/30/2024		10/1/2024		Through	9/30/2025	
								# of Hours	Hourly Rate	Salary Cost	Fringe Rate	Fringe Cost	# of Hours	Hourly Rate	Salary Cost	Fringe Rate	Fringe Cost
1	C-29a	2 and 3	Deputy Project Leader	12	4	Rest of US	\$ 40.84	35.0	\$ 42.47	\$ 1,486.58	51.50%	\$ 765.59	35.0	\$ 43.32	\$ 1,516.31	51.50%	\$ 780.90
2	C-29a	2	Project Leader	14	8	Rest of US	\$ 64.35	20.0	\$ 66.92	\$ 1,338.48	42.80%	\$ 572.87	20.0	\$ 68.26	\$ 1,365.25	42.80%	\$ 584.33
3	C-29a	2	Biological Technician (	7	5	Rest of US	\$ 23.72	35.0	\$ 24.67	\$ 863.41	65.00%	\$ 561.22	35.0	\$ 25.16	\$ 880.68	65.00%	\$ 572.44
4	C-29a	2	Biological Technician (	6	4	Rest of US	\$ 20.72	80.0	\$ 21.55	\$ 1,723.90	49.80%	\$ 858.50	80.0	\$ 21.98	\$ 1,758.38	49.80%	\$ 875.67
5	C-29a	2	Biological Technician	5	1	Rest of US	\$ 16.90	180.0	\$ 17.58	\$ 3,163.68	45.60%	\$1,442.64	180.0	\$ 17.93	\$ 3,226.95	45.60%	\$1,471.49
6	C-29a	2	Administrative Officer	9	8	Rest of US	\$ 31.58	10.0	\$ 32.84	\$ 328.43	43.30%	\$ 142.21	10.0	\$ 33.50	\$ 335.00	43.30%	\$ 145.06
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								360.00		\$ 8,904.48		\$ 4,343.02	360.00		\$ 9,082.57		\$ 4,429.89

SUMMARY OF DIRECT LABOR & FRINGE BENEFITS

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						
Project Number	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	C-29a	2 and 3	Deputy Project Leader	12	4	Rest of US	\$ 40.84	35.0	\$ 44.19	\$ 1,546.63	51.50%	\$ 796.52	\$ 7,408.32	\$ 3,815.28	\$ 11,223.60
2	C-29a	2	Project Leader	14	8	Rest of US	\$ 64.35	20.0	\$ 69.63	\$ 1,392.55	42.80%	\$ 596.01	\$ 6,670.28	\$ 2,854.88	\$ 9,525.17
3	C-29a	2	Biological Technician (	7	5	Rest of US	\$ 23.72	35.0	\$ 25.67	\$ 898.29	65.00%	\$ 583.89	\$ 4,302.77	\$ 2,796.80	\$ 7,099.58
4	C-29a	2	Biological Technician (	6	4	Rest of US	\$ 20.72	80.0	\$ 22.42	\$ 1,793.55	49.80%	\$ 893.19	\$ 8,591.04	\$ 4,278.34	\$ 12,869.37
5	C-29a	2	Biological Technician	5	1	Rest of US	\$ 16.90	180.0	\$ 18.29	\$ 3,291.49	45.60%	\$ 1,500.92	\$ 15,766.13	\$ 7,189.35	\$ 22,955.48
6	C-29a	2	Administrative Officer	9	8	Rest of US	\$ 31.58	10.0	\$ 34.17	\$ 341.70	43.30%	\$ 147.96	\$ 1,636.73	\$ 708.71	\$ 2,345.44
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24						\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
25						\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
26						\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
27						\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
28						\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
29						\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
30						\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
31						\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
							360.00		\$ 9,264.22		\$ 4,518.48	\$ 44,375.27	\$ 21,643.36	\$ 66,018.63	

SUMMARY OF MATERIALS AND SUPPLIES

SUMMARY OF MATERIALS, SUPPLIES, AND SERVICES

Yr 2 Escalation Rate	0.00%
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	Project #	Task # or Description	Item Description	Rationale for Proposed Cost	Year 1			Year 2		
					Unit Price	Unit Quantity	Subtotal	Unit Price	Unit Quantity	Subtotal
1	C29a	1 and 2	Misc. Office Supplies	<u>\$416.16 was funded in FY20 Agreement (R20PG00024):</u> <u>Please see year 3 in linked document</u>	\$ 416.16	1	\$ 208.08	\$ 416.16	1	\$ 208.08
2	C29a	1 and 2	Misc. Field and Grounds Maintenance Supplies	<u>\$1,914.34 was funded in FY20 Agreement (R20PG00024):</u> <u>Please see year 3 in linked document</u>	\$ 1,914.34	1	\$ 957.17	\$ 1,914.34	1	\$ 957.17
3	C29a	1 and 2	GSA Lease of Equip Code 6359 (monthly lease)	http://www.gsa.gov/portal/category/21852	\$ 448.00	2	\$ 672.00	\$ 448.00	2	\$ 672.00
4	C29a	1 and 2	GSA Lease of Equip Code 6359 (mileage rate)	http://www.gsa.gov/portal/category/21852	\$ 0.40	1500	\$ 601.50	\$ 0.40	1500	\$ 601.50
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	\$ -
TOTAL:							\$ 2,438.75			\$ 2,438.75

SUMMARY OF MATERIALS AND SUPPLIES

SUMMARY OF MATERIALS, SUPPLIES	Yr 3 Escalation Rate	4.00%	Yr 4 Escalation Rate	2.00%
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	Project #	Task # or Description	Item Description	Year 3			Year 4		
				Unit Price	Unit Quantity	Subtotal	Unit Price	Unit Quantity	Subtotal
1	C29a	1 and 2	Misc. Office Supplies	\$ 432.81	1	\$ 216.40	\$ 441.46	1	\$ 220.73
2	C29a	1 and 2	Misc. Field and Grounds Maintenance Supplies	\$ 1,990.91	1	\$ 995.45	\$ 2,030.73	1	\$ 1,015.36
3	C29a	1 and 2	GSA Lease of Equip Code 6359 (monthly lease)	\$ 465.92	2	\$ 698.88	\$ 475.24	2	\$ 712.86
4	C29a	1 and 2	GSA Lease of Equip Code 6359 (mileage rate)	\$ 0.42	1500	\$ 625.56	\$ 0.43	1500	\$ 638.07
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	\$ -
						\$ 2,536.29	\$ 2,587.02		

SUMMARY OF MATERIALS AND SUPPLIES

SUMMARY OF MATERIALS, SUPPLIES	Yr 5 Escalation Rate	2.00%
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	Project #	Task # or Description	Item Description	Year 5			TOTAL
				Unit Price	Unit Quantity	Subtotal	
1	C29a	1 and 2	Misc. Office Supplies	\$ 450.29	1	\$ 225.15	\$ 1,078.44
2	C29a	1 and 2	Misc. Field and Grounds Maintenance Supplies	\$ 2,071.34	1	\$ 1,035.67	\$ 4,960.82
3	C29a	1 and 2	GSA Lease of Equip Code 6359 (monthly lease)	\$ 484.74	2	\$ 727.11	\$ 3,482.85
4	C29a	1 and 2	GSA Lease of Equip Code 6359 (mileage rate)	\$ 0.43	1500	\$ 650.83	\$ 3,117.46
5				\$ -	0	\$ -	\$ -
6				\$ -	0	\$ -	\$ -
7				\$ -	0	\$ -	\$ -
8				\$ -	0	\$ -	\$ -
9				\$ -	0	\$ -	\$ -
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	\$ -	\$ -
24				\$ -	0	\$ -	\$ -
25				\$ -	0	\$ -	\$ -
26				\$ -	0	\$ -	\$ -
27				\$ -	0	\$ -	\$ -
28				\$ -	0	\$ -	\$ -
29				\$ -	0	\$ -	\$ -
				\$ 2,638.76		\$ 12,639.57	