

SUMMARY OF PROPOSED COSTS

Name of Servicing Agency:	U.S. Fish and Wildlife Service, Region 6
Project Name:	Project 19 "Recovery Program Hydrology Support"

	YEAR 1		YEAR 2		YEAR 3		YEAR 4		YEAR 5		TOTAL
	10/1/2019		9/30/2020		10/1/2021		10/1/2022		10/1/2023		
	Through		Through		Through		Through		Through		
Enter the BEGINNING dates for each year ----->	9/29/2020		9/30/2021		9/30/2022		9/30/2023		9/29/2024		
Enter the ENDING dates for each year ----->											
DIRECT LABOR AND FRINGE BENEFIT COSTS:	YEAR 1		YEAR 2		YEAR 3		YEAR 4		YEAR 5		TOTAL
Direct Labor - Hourly	\$	175,307.00	\$	180,053.00	\$	183,633.00	\$	187,323.00	\$	191,072.00	\$ 917,388.00
Fringe Benefits - Hourly	\$	-	\$	-	\$	-	\$	-	\$	-	\$ -
Subtotal of Direct Labor & Fringe Benefits:	\$	175,307.00	\$	180,053.00	\$	183,633.00	\$	187,323.00	\$	191,072.00	\$ 917,388.00
OTHER DIRECT COSTS:	YEAR 1		YEAR 2		YEAR 3		YEAR 4		YEAR 5		TOTAL
Materials and Supplies	\$	1,113.04	\$	1,136.17	\$	1,160.32	\$	1,184.50	\$	1,200.78	\$ 5,794.81
Travel Costs	\$	4,330.00	\$	4,419.00	\$	4,508.00	\$	4,598.00	\$	4,712.00	\$ 22,567.00
Equipment	\$	1,644.00	\$	1,680.00	\$	1,704.00	\$	1,740.00	\$	1,776.00	\$ 8,544.00
Contractors	\$	-	\$	-	\$	-	\$	-	\$	-	\$ -
Subtotal of Other Direct Costs:	\$	7,087.04	\$	7,235.17	\$	7,372.32	\$	7,522.50	\$	7,688.78	\$ 36,905.81
INDIRECT/OVERHEAD COSTS:	YEAR 1		YEAR 2		YEAR 3		YEAR 4		YEAR 5		TOTAL
Subtotal of Labor and Other Direct Costs:	\$	182,394.04	\$	187,288.17	\$	191,005.32	\$	194,845.50	\$	198,760.78	\$ 954,293.81
Total dollars exempt from indirect/overhead base:	\$	-	\$	-	\$	-	\$	-	\$	-	
<i>P.L. 112-270 Indirect Rate for Recovery Programs</i> 3.00%	\$	5,471.82	3.00%	\$ 5,618.65	3.00%	\$ 5,730.16	3.00%	\$ 5,845.37	3.00%	\$ 5,962.82	\$ 28,628.81
Total dollars exempt from indirect/overhead base:	\$	-	\$	-	\$	-	\$	-	\$	-	
	\$	-	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -
Subtotal of Indirect/Overhead Costs:	\$	5,471.82	\$	5,618.65	\$	5,730.16	\$	5,845.37	\$	5,962.82	\$ 28,628.81
GRAND TOTAL:	\$	187,865.86	\$	192,906.82	\$	196,735.48	\$	200,690.87	\$	204,723.60	\$ 982,922.62

SUMMARY OF DIRECT LABOR & FRINGE BENEFIT

Enter Escalation Rates ----->	Yr 2 Escalation Rate	2.00%
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*Wage Rate is inclusive of benefits because of varying fringe

	Task # or Description	Position Title	GS/WG Grade	GS/WG Step	OPM Pay Location	Current Weekly Rate	YEAR 1					YEAR 2				
							10/1/2019		Through	9/29/2020		9/30/2020		Through	9/30/2021	
							# of Weeks	Weekly Rate*	Salary Cost	Fringe Rate	Fringe Cost	# of Weeks	Weekly Rate*	Salary Cost	Fringe Rate	Fringe Cost
1	SOW 19 - Task 1	Principle Investigator	13	10	Denver	\$ 3,219.00	3.0	\$ 3,219.00	\$ 9,657.00	0.00%	\$ -	3.0	\$ 3,283.00	\$ 9,850.00	0.00%	\$ -
2	SOW 19 - GJ FWCC	Project Leader	14	8	Rest of US	\$ 3,480.40	0.4	\$ 3,480.40	\$ 1,392.00	0.00%	\$ -	0.7	\$ 3,550.00	\$ 2,485.00	0.00%	\$ -
3	SOW 19 - GJ FWCC	Admin Officer	9	8	Rest of US	\$ 1,714.00	0.4	\$ 1,714.00	\$ 686.00	0.00%	\$ -	0.5	\$ 1,748.00	\$ 874.00	0.00%	\$ -
4	SOW 19 - GJ FWCC	Fishery Biologist	11	8	Rest of US	\$ 2,192.51	0.4	\$ 2,192.51	\$ 877.00	0.00%	\$ -	0.4	\$ 2,236.00	\$ 895.00	0.00%	\$ -
5	SOW 19 - GJ FWCC	Biological Technician	7	5	Rest of US	\$ 1,482.40	4.0	\$ 1,482.40	\$ 5,930.00	0.00%	\$ -	4.0	\$ 1,512.00	\$ 6,048.00	0.00%	\$ -
6	SOW 19 - Task 2	Principle Investigator	13	10	Denver	\$ 3,219.00	11.0	\$ 3,219.00	\$ 35,409.00	0.00%	\$ -	11.0	\$ 3,283.00	\$ 36,117.00	0.00%	\$ -
7	SOW 19 - Task 3	Principle Investigator	13	10	Denver	\$ 3,219.00	6.0	\$ 3,219.00	\$ 19,314.00	0.00%	\$ -	6.0	\$ 3,283.00	\$ 19,700.00	0.00%	\$ -
8	SOW 19 - Task 4	Principle Investigator	13	10	Denver	\$ 3,219.00	7.0	\$ 3,219.00	\$ 22,533.00	0.00%	\$ -	7.0	\$ 3,283.00	\$ 22,984.00	0.00%	\$ -
9	SOW 19 - Task 5	Principle Investigator	13	10	Denver	\$ 3,219.00	11.7	\$ 3,219.00	\$ 37,662.00	0.00%	\$ -	11.7	\$ 3,283.00	\$ 38,416.00	0.00%	\$ -
10	SOW 19 - Task 6	Principle Investigator	13	10	Denver	\$ 3,219.00	13.0	\$ 3,219.00	\$ 41,847.00	0.00%	\$ -	13.0	\$ 3,283.00	\$ 42,684.00	0.00%	\$ -
11						\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -
12						\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -
13						\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -
14						\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -
15						\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -
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%	\$ -
							56.90		\$ 175,307.00		\$ -	57.30		\$ 180,053.00		\$ -

SUMMARY OF DIRECT LABOR & FRINGE BENEFIT

Yr 3 Escalation Rate	2.00%
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Yr 4 Escalation Rate	2.00%
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*Wage Rate is inclusive of benefits because of varying fringe

	Task # or Description	Position Title	GS/WG Grade	GS/WG Step	OPM Pay Location	Current Weekly Rate	YEAR 3					YEAR 4				
							10/1/2021		Through	9/30/2022		10/1/2022		Through	9/30/2023	
							# of Weeks	Weekly Rate	Salary Cost	Fringe Rate	Fringe Cost	# of Weeks	Weekly Rate*	Salary Cost	Fringe Rate	Fringe Cost
1	SOW 19 - Task 1	Principle Investigator	13	10	Denver	\$ 3,219.00	3.0	\$ 3,349.00	\$ 10,046.00	0.00%	\$ -	3.0	\$ 3,416.00	\$ 10,248.00	0.00%	\$ -
2	SOW 19 - GJ FWCC	Project Leader	14	8	Rest of US	\$ 3,480.40	0.7	\$ 3,621.00	\$ 2,535.00	0.00%	\$ -	0.7	\$ 3,693.00	\$ 2,585.00	0.00%	\$ -
3	SOW 19 - GJ FWCC	Admin Officer	9	8	Rest of US	\$ 1,714.00	0.5	\$ 1,783.00	\$ 891.00	0.00%	\$ -	0.5	\$ 1,819.00	\$ 909.00	0.00%	\$ -
4	SOW 19 - GJ FWCC	Fishery Biologist	11	8	Rest of US	\$ 2,192.51	0.4	\$ 2,281.00	\$ 912.00	0.00%	\$ -	0.4	\$ 2,327.00	\$ 931.00	0.00%	\$ -
5	SOW 19 - GJ FWCC	Biological Technician	7	5	Rest of US	\$ 1,482.40	4.0	\$ 1,542.00	\$ 6,169.00	0.00%	\$ -	4.0	\$ 1,573.00	\$ 6,291.00	0.00%	\$ -
6	SOW 19 - Task 2	Principle Investigator	13	10	Denver	\$ 3,219.00	11.0	\$ 3,349.00	\$ 36,835.00	0.00%	\$ -	11.0	\$ 3,416.00	\$ 37,576.00	0.00%	\$ -
7	SOW 19 - Task 3	Principle Investigator	13	10	Denver	\$ 3,219.00	6.0	\$ 3,349.00	\$ 20,092.00	0.00%	\$ -	6.0	\$ 3,416.00	\$ 20,496.00	0.00%	\$ -
8	SOW 19 - Task 4	Principle Investigator	13	10	Denver	\$ 3,219.00	7.0	\$ 3,349.00	\$ 23,441.00	0.00%	\$ -	7.0	\$ 3,416.00	\$ 23,912.00	0.00%	\$ -
9	SOW 19 - Task 5	Principle Investigator	13	10	Denver	\$ 3,219.00	11.7	\$ 3,349.00	\$ 39,179.00	0.00%	\$ -	11.7	\$ 3,416.00	\$ 39,967.00	0.00%	\$ -
10	SOW 19 - Task 6	Principle Investigator	13	10	Denver	\$ 3,219.00	13.0	\$ 3,349.00	\$ 43,533.00	0.00%	\$ -	13.0	\$ 3,416.00	\$ 44,408.00	0.00%	\$ -
11						\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -
12						\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -
13						\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -
14						\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -
15						\$ -	-	\$ -	\$ -	0.00%	\$ -	-	\$ -	\$ -	0.00%	\$ -
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%	\$ -
							57.30		\$ 183,633.00		\$ -	57.30		\$ 187,323.00		\$ -

SUMMARY OF DIRECT LABOR & FRINGE BENEFIT

Yr 5 Escalation Rate	2.00%
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*Wage Rate is inclusive of benefits because of varying fringe

							YEAR 5							
							10/1/2023	Through	9/29/2024		Total Salary Cost	Total Fringe Cost	Total Labor Cost	
Task # or Description	Position Title	GS/WG Grade	GS/WG Step	OPM Pay Location	Current Weekly Rate	# of Weeks	Weekly Rate*	Salary Cost	Fringe Rate	Fringe Cost				
1	SOW 19 - Task 1	Principle Investigator	13	10	Denver	\$ 3,219.00	3.0	\$ 3,484.00	\$ 10,453.00	0.00%	\$ -	\$ 50,254.00	\$ -	\$ 50,254.00
2	SOW 19 - GJ FWCC	Project Leader	14	8	Rest of US	\$ 3,480.40	0.7	\$ 3,767.00	\$ 2,637.00	0.00%	\$ -	\$ 11,634.00	\$ -	\$ 11,634.00
3	SOW 19 - GJ FWCC	Admin Officer	9	8	Rest of US	\$ 1,714.00	0.5	\$ 1,855.00	\$ 928.00	0.00%	\$ -	\$ 4,288.00	\$ -	\$ 4,288.00
4	SOW 19 - GJ FWCC	Fishery Biologist	11	8	Rest of US	\$ 2,192.51	0.4	\$ 2,374.00	\$ 949.00	0.00%	\$ -	\$ 4,564.00	\$ -	\$ 4,564.00
5	SOW 19 - GJ FWCC	Biological Technician	7	5	Rest of US	\$ 1,482.40	4.0	\$ 1,604.00	\$ 6,418.00	0.00%	\$ -	\$ 30,856.00	\$ -	\$ 30,856.00
6	SOW 19 - Task 2	Principle Investigator	13	10	Denver	\$ 3,219.00	11.0	\$ 3,484.00	\$ 38,328.00	0.00%	\$ -	\$ 184,265.00	\$ -	\$ 184,265.00
7	SOW 19 - Task 3	Principle Investigator	13	10	Denver	\$ 3,219.00	6.0	\$ 3,484.00	\$ 20,906.00	0.00%	\$ -	\$ 100,508.00	\$ -	\$ 100,508.00
8	SOW 19 - Task 4	Principle Investigator	13	10	Denver	\$ 3,219.00	7.0	\$ 3,484.00	\$ 24,390.00	0.00%	\$ -	\$ 117,260.00	\$ -	\$ 117,260.00
9	SOW 19 - Task 5	Principle Investigator	13	10	Denver	\$ 3,219.00	11.7	\$ 3,484.00	\$ 40,767.00	0.00%	\$ -	\$ 195,991.00	\$ -	\$ 195,991.00
10	SOW 19 - Task 6	Principle Investigator	13	10	Denver	\$ 3,219.00	13.0	\$ 3,484.00	\$ 45,296.00	0.00%	\$ -	\$ 217,768.00	\$ -	\$ 217,768.00
11					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
12					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
13					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
14					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
15					\$ -	-	\$ -	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
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%	\$ -	\$ -	\$ -	\$ -	\$ -
							57.30		\$ 191,072.00		\$ -	\$ 917,388.00	\$ -	\$ 917,388.00

SUMMARY OF MATERIALS AND SUPPLIES

SUMMARY OF MATERIALS, SUPPLIES, AND SERVICES

Yr 2 Escalation Rate	2.00%
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	Task # or I	Item Description	Rationale for Proposed Cost	Year 1			Year 2		
				Unit Price	Unit Quantity	Subtotal	Unit Price	Unit Quantity	Subtotal
1	SOW 19 Task 1 (PI and GJ FWCO)	Logger anchoring replacement supplies, such as cables, clamps, weights.	Past costs	\$ 720.00	1	\$ 720.00	\$ 734.00	1	\$ 734.00
2	Task 1 (PI and GJ)	Mileage rate on vehicle to retrieve/download/redeploy thermographs (792 total miles)	http://www.gsa.gov/portal/category	\$ 0.42	792	\$ 332.64	\$ 0.43	792	\$ 340.56
3	Task 1 (PI and GJ FWCO)	rate on vehicle to retrieve/download/redeploy thermographs (monthly rate of \$453/month divided by 30 days = \$15.10/day) - vehicle used for 4 total days in	http://www.gsa.gov/portal/category	\$ 15.10	4	\$ 60.40	\$ 15.40	4	\$ 61.61
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	\$ -
29				\$ -	0	\$ -	\$ -	0	\$ -
30				\$ -	0	\$ -	\$ -	0	\$ -
TOTAL:						\$ 1,113.04	\$ 1,136.17		

SUMMARY OF MATERIALS AND SUPPLIES

SUMMARY OF MATERIALS, SUPPLIES	Yr 3 Escalation Rate	2.00%	Yr 4 Escalation Rate	2.00%
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	Task # or I	Item Description	Year 3			Year 4			
			Unit Price	Unit Quantity	Subtotal	Unit Price	Unit Quantity	Subtotal	
1	SOW 19 Task 1 (PI and GJ FWCO)	Logger anchoring replacement supplies, such as cables, clamps, weights.	\$ 749.00	1	\$ 749.00	\$ 764.00	1	\$ 764.00	
2	Task 1 (PI and GJ)	Mileage rate on vehicle to retrieve/download/redeploy thermographs (792 total miles)	\$ 0.44	792	\$ 348.48	\$ 0.45	792	\$ 356.40	
3	Task 1 (PI and GJ FWCO)	rate on vehicle to retrieve/download/redeploy thermographs (monthly rate of \$453/month divided by 30 days = \$15.10/day) - vehicle used for 4 total days in	\$ 15.71	4	\$ 62.84	\$ 16.02	4	\$ 64.10	
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	\$ -	
29			\$ -	0	\$ -	\$ -	0	\$ -	
30			\$ -	0	\$ -	\$ -	0	\$ -	
					\$ 1,160.32				\$ 1,184.50

SUMMARY OF MATERIALS AND SUPPLIES

SUMMARY OF MATERIALS, SUPPLIES	Yr 5 Escalation Rate	2.00%
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	Task # or I	Item Description	Year 5			TOTAL
			Unit Price	Unit Quantity	Subtotal	
1	SOW 19 Task 1 (PI and GJ FWCO)	Logger anchoring replacement supplies, such as cables, clamps, weights.	\$ 779.00	1	\$ 779.00	\$ 3,746.00
2	Task 1 (PI and GJ)	Mileage rate on vehicle to retrieve/download/redeploy thermographs (792 total miles)	\$ 0.45	792	\$ 356.40	\$ 1,734.48
3	Task 1 (PI and GJ FWCO)	rate on vehicle to retrieve/download/redeploy thermographs (monthly rate of \$453/month divided by 30 days = \$15.10/day) - vehicle used for 4 total days in	\$ 16.34	4	\$ 65.38	\$ 314.33
4			\$ -	0	\$ -	\$ -
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	\$ -	\$ -
29			\$ -	0	\$ -	\$ -
30			\$ -	0	\$ -	\$ -
					\$ 1,200.78	\$ 5,794.81

SUMMARY OF TRAVEL COSTS

Cost Element	Year 1	Year 2	Year 3	Year 4	Year 5	TOTAL
Trip #	1	1	1	1	1	
From-To	Denver-Rest of US	Denver-Rest of US	Denver-Rest of US	Denver-Rest of US	Denver-Rest of US	
Reason	Deploy and retrieve thermographs (Task 1), reservoir ops meetings (Tasks 2 & 3), water user/stakeholder	Deploy and retrieve thermographs (Task 1), reservoir ops meetings (Tasks 2 & 3), water user/stakeholder	Deploy and retrieve thermographs (Task 1), reservoir ops meetings (Tasks 2 & 3), water user/stakeholder	Deploy and retrieve thermographs (Task 1), reservoir ops meetings (Tasks 2 & 3), water user/stakeholder	Deploy and retrieve thermographs (Task 1), reservoir ops meetings (Tasks 2 & 3), water user/stakeholder	
# of Days (include travel days)	20	20	20	20	20	
Airfare	\$ -					
Lodging (Per Night)	\$ 96.00	\$ 98.00	\$ 100.00	\$ 102.00	\$ 104.00	
MI&E Per Day	\$ 57.00	\$ 58.00	\$ 59.00	\$ 60.00	\$ 62.00	
Auto Rental Per Day	\$ -					
Total Per Trip	\$ 3,060.00	\$ 3,120.00	\$ 3,180.00	\$ 3,240.00	\$ 3,320.00	
No. of persons	1	1	1	1	1	
SUBTOTAL =	\$ 3,060.00	\$ 3,120.00	\$ 3,180.00	\$ 3,240.00	\$ 3,320.00	\$ 15,920.00

Cost Element	Year 1	Year 2	Year 3	Year 4	Year 5	TOTAL
Trip #	2	2	2	2	2	
From-To	Denver - St. George Utah	Denver - St. George Utah	Denver - St. George Utah	Denver - St. George Utah	Denver - St. George Utah	
Reason	Utah Water Users Meeting	Utah Water Users Meeting	Utah Water Users Meeting	Utah Water Users Meeting	Utah Water Users Meeting	
# of Days (include travel days)	4	4	4	4	4	
Airfare	\$ 518.00	\$ 531.00	\$ 544.00	\$ 558.00	\$ 572.00	
Lodging (Per Night)	\$ 96.00	\$ 98.00	\$ 100.00	\$ 102.00	\$ 104.00	
MI&E Per Day	\$ 57.00	\$ 58.00	\$ 59.00	\$ 60.00	\$ 62.00	
Auto Rental Per Day	\$ 35.00	\$ 36.00	\$ 37.00	\$ 38.00	\$ 39.00	
Total Per Trip	\$ 1,270.00	\$ 1,299.00	\$ 1,328.00	\$ 1,358.00	\$ 1,392.00	
No. of persons	1	1	1	1	1	
SUBTOTAL =	\$ 1,270.00	\$ 1,299.00	\$ 1,328.00	\$ 1,358.00	\$ 1,392.00	\$ 6,647.00

SUMMARY OF EQUIPMENT COSTS

SUMMARY OF EQUIPMENT

Enter Escalation Rates ----->

Yr 2 Escalation Rate	2.00%	Yr 3 Escalation Rate	2.00%
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	Task # o	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	Task 1	Replacement Thermographs (PI and GJ FWCO)	Each year some thermographs need to be replaced: www.onsetcomp.com/products/data-loggers	\$ 137.00	12	\$ 1,644.00	\$ 140.00	12	\$ 1,680.00	\$ 142.00	12	\$ 1,704.00
2				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
3				\$ -	0	\$ -	\$ -	0	\$ -	\$ -	0	\$ -
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	\$ -
TOTAL:						\$ 1,644.00			\$ 1,680.00			\$ 1,704.00

SUMMARY OF EQUIPMENT COSTS

SUMMARY OF	Yr 4 Escalation Rate	2.00%	Yr 5 Escalation Rate	2.00%
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	Task #	Item Description	Year 4			Year 5			TOTAL
			Unit Price	Unit Quantity	Subtotal	Unit Price	Unit Quantity	Subtotal	
1	Task 1	Replacement Thermographs (PI and GJ FWCO)	\$ 145.00	12	\$ 1,740.00	\$ 148.00	12	\$ 1,776.00	\$ 8,544.00
2			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
3			\$ -	0	\$ -	\$ -	0	\$ -	\$ -
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	\$ -	\$ -
			\$ 1,740.00					\$ 1,776.00	\$ 8,544.00