



**MODIFICATION OF GRANT OR AGREEMENT**

PAGE	OF PAGES
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1. U.S. FOREST SERVICE GRANT/AGREEMENT NUMBER: <b>20-PA-11051900-013</b>	2. RECIPIENT/COOPERATOR GRANT or AGREEMENT NUMBER, IF ANY:	3. MODIFICATION NUMBER: <b>001</b>
4. NAME/ADDRESS OF U.S. FOREST SERVICE UNIT ADMINISTERING GRANT/AGREEMENT (unit name, street, city, state, and zip + 4): <b>Pacific Southwest Region, Grants and Agreements 1323 Club Dr. Vallejo, CA 95492-1110</b>	5. NAME/ADDRESS OF U.S. FOREST SERVICE UNIT ADMINISTERING PROJECT/ACTIVITY (unit name, street, city, state, and zip + 4): <b>Lake Tahoe Basin Management Unit 35 College Drive South Lake Tahoe, CA 96150</b>	
6. NAME/ADDRESS OF RECIPIENT/COOPERATOR (street, city, state, and zip + 4, county): <b>El Dorado, County of (Transportation Department, Tahoe Engineering Division), 924 B Emerald Bay Rd, South Lake Tahoe, CA 96150-6434, El Dorado County</b>	7. RECIPIENT/COOPERATOR'S HHS SUB ACCOUNT NUMBER (For HHS payment use only):	

**8. PURPOSE OF MODIFICATION**

CHECK ALL THAT APPLY:	This modification is issued pursuant to the modification provision in the grant/agreement referenced in item no. 1, above.
<input checked="" type="checkbox"/>	CHANGE IN PERFORMANCE PERIOD: Extend agreement from 5/1/2023 to 5/1/2024
<input checked="" type="checkbox"/>	CHANGE IN FUNDING: Add \$600,000 to agreement for completion of project
<input type="checkbox"/>	ADMINISTRATIVE CHANGES:
<input type="checkbox"/>	OTHER (Specify type of modification):

**Except as provided herein, all terms and conditions of the Grant/Agreement referenced in 1, above, remain unchanged and in full force and effect.**

9. ADDITIONAL SPACE FOR DESCRIPTION OF MODIFICATION (add additional pages as needed):  
 Additional funding is being added to this agreement to account for increased anticipated construction costs in 2023. See Engineers Estimate (Attachment A1). The agreement is also being extended due to various delays explained in the Cooperator's modification request letter (Attachment B).

Note: This agreement is authorized under Wyden Amendment. The original Match was over 50%. Match to MOD 001 is 15.5%, but overall match exceeds 35%.

**10. ATTACHED DOCUMENTATION (Check all that apply):**

<input type="checkbox"/>	Revised Scope of Work
<input checked="" type="checkbox"/>	Revised Financial Plan
<input checked="" type="checkbox"/>	Other: Letter from County expressing need for additional funding (Attachment B)

**11. SIGNATURES**

**AUTHORIZED REPRESENTATIVE:** BY SIGNATURE BELOW, THE SIGNING PARTIES CERTIFY THAT THEY ARE THE OFFICIAL REPRESENTATIVES OF THEIR RESPECTIVE PARTIES AND AUTHORIZED TO ACT IN THEIR RESPECTIVE AREAS FOR MATTERS RELATED TO THE ABOVE-REFERENCED GRANT/AGREEMENT.

11.A. EL DORADO COUNTY SIGNATURE	11.B. DATE SIGNED	11.C. U.S. FOREST SERVICE SIGNATURE	11.D. DATE SIGNED
(Signature of Signatory Official)		(Signature of Signatory Official)	
11.E. NAME (type or print): <b>RAFAEL MARTINEZ</b>		11.F. NAME (type or print): <b>ERICK WALKER</b>	
11.G. TITLE (type or print): <b>Director, El Dorado County Dept. of Transportation</b>		11.H. TITLE (type or print): <b>LTBMU Forest Supervisor</b>	



**12. G&A REVIEW**

12.A. The authority and format of this modification have been reviewed and approved for signature by:

**GENEVIEVE VILLEMAIRE**

Digitally signed by GENEVIEVE VILLEMAIRE  
Date: 2022.08.26 09:32:09 -07'00'

12.B. DATE  
SIGNED  
8/26/2022

GENEVIEVE VILLEMAIRE

U.S. Forest Service Grants & Agreements Specialist



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Attachment: A

USFS Agreement No.:

20-PA-11051900-013

Cooperator Agreement No.:

Mod. No.: 001

**Note: This Financial Plan may be used when:**  
**(1) No program income is expected and**  
**(2) The Cooperator is not giving cash to the FS and**  
**(3) There is no other Federal funding**

**Agreements Financial Plan (Short Form)**

Note: All columns may not be used. Use depends on source and type of contribution(s).

COST ELEMENTS	FOREST SERVICE CONTRIBUTIONS			COOPERATOR CONTRIBUTIONS		(e) Total
	(a) Noncash	(b) Cash to Cooperator	(c) Noncash	(d) In-Kind	(e) Total	
Direct Costs						
Salaries/Labor	\$2,510.90	\$0.00	\$47,154.64	\$0.00	\$49,665.54	
Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Supplies/Materials	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Printing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Other	\$0.00	\$600,000.00	\$22,002.50	\$0.00	\$622,002.50	
Other					\$0.00	
Subtotal	\$2,510.90	\$600,000.00	\$69,157.14	\$0.00	\$671,668.04	
Coop Indirect Costs	\$326.42	\$0.00	\$41,500.80		\$41,500.80	
FS Overhead Costs	\$2,837.32	\$600,000.00	\$110,657.94		\$326.42	
<b>Total</b>		<b>Total Project Value:</b>			<b>\$713,495.26</b>	

<u>Matching Costs Determination</u>	
Total Forest Service Share = (a+b) ÷ (e) = (f)	(f) 84.49%
Total Cooperator Share (c+d) ÷ (e) = (g)	(g) 15.51%
Total (f+g) = (h)	(h) 100.00%

## WORKSHEET FOR

### FS Non-Cash Contribution Cost Analysis, Column (a)

Use this worksheet to perform the cost analysis that supports the lump sum figures provided in the matrix. NOTE: This worksheet auto populates the relevant and applicable matrix cells.

Cost element sections may be deleted or lines may be hidden, if not applicable. Line items may be added or deleted as needed. The Standard Calculation sections provide a standardized formula for determining a line item's cost, e.g. cost/day x # of days=total, where the total is calculated automatically. The Non-Standard Calculation sections provide a write-in area for line items that require a calculation formula that is other than the standardized formulas, e.g. instead of salaries being calculated by cost/day x # of days, costs may be calculated simply by a contracted value that is not dependent on days worked, such as 1 employee x \$1,200/contract= \$1,200. Be sure to review your calculations when entering in a Non-Standard Calculation, and provide a brief explanation of units used to make calculation, e.g. '1 month contract,' on a line below the figures.

Salaries/Labor				
Standard Calculation				
Job Description		Cost/Day	# of Days	Total
Hydrologist/Program Manager		\$502.18	5.00	\$2,510.90
				\$0.00
				\$0.00
				\$0.00
				\$0.00

<b>Non-Standard Calculation</b>
---------------------------------

<b>Total Salaries/Labor</b>	<b>\$2,510.90</b>
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<b>Subtotal Direct Costs</b>	<b>\$2,510.90</b>
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<b>Forest Service Overhead Costs</b>
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Current Overhead Rate	Subtotal Direct Costs		Total
13.00%	\$2,510.90		\$326.42
<b>Total FS Overhead Costs</b>			<b>\$326.42</b>

<b>TOTAL COST</b>	<b>\$2,837.32</b>
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## WORKSHEET FOR

### FS Cash to the Cooperator Cost Analysis, Column (b)

Use this worksheet to perform the cost analysis that supports the lump sum figures provided in the matrix. NOTE: This worksheet auto populates the relevant and applicable matrix cells.

Cost element sections may be deleted or lines may be hidden, if not applicable. Line items may be added or deleted as needed. The Standard Calculation sections provide a standardized formula for determining a line item's cost, e.g. cost/day x # of days=total, where the total is calculated automatically. The Non-Standard Calculation sections provide a write-in area for line items that require a calculation formula that is other than the standardized formulas, e.g. instead of salaries being calculated by cost/day x # of days, costs may be calculated simply by a contracted value that is not dependent on days worked, such as 1 employee x \$1,200/contract= \$1,200. Be sure to review your calculations when entering in a Non-Standard Calculation, and provide a brief explanation of units used to make calculation, e.g. '1 month contract,' on a line below the figures.

Other Expenses					
Standard Calculation					
Item		# of Units	Cost/Unit		Total
Construction contract		1.00	\$600,000.00		\$600,000.00
See attached Engineering Estimate:					
Total Engineer Est.			\$1,889,224.00		
Original Funding =\$499,990.			\$499,990.00		
Coop Non Cash			\$557,414.00	\$668,071.00	
Approx Balance			\$721,163.00		

Note: MOD 001 funds cover about 80% of the anticipated additional costs.  
The engineer's estimate is subject to change and may also vary as construction bids are received.

#### Non-Standard Calculation

<b>Total Other</b>	<b>\$600,000.00</b>
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<b>Subtotal Direct Costs</b>	<b>\$600,000.00</b>
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#### Cooperator Indirect Costs

Current Overhead Rate	Subtotal Direct Costs		Total
	\$600,000.00		\$0.00
<b>Total Coop. Indirect Costs</b>			<b>\$0.00</b>

Note Forgone Indirect      \$22,002.50

<b>TOTAL COST</b>	<b>\$600,000.00</b>
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## WORKSHEET FOR

### Cooperator Non-Cash Contribution Cost Analysis, Column (c)

Use this worksheet to perform the cost analysis that supports the lump sum figures provided in the matrix.  
 NOTE: This worksheet auto populates the relevant and applicable matrix cells.

Cost element sections may be deleted or lines may be hidden, if not applicable. Line items may be added or deleted as needed. The Standard Calculation sections provide a standardized formula for determining a line item's cost, e.g. cost/day x # of days=total, where the total is calculated automatically. The Non-Standard Calculation sections provide a write-in area for line items that require a calculation formula that is other than the standardized formulas, e.g. instead of salaries being calculated by cost/day x # of days, costs may be calculated simply by a contracted value that is not dependent on days worked, such as 1 employee x \$1,200/contract=\$1,200. Be sure to review your calculations when entering in a Non-Standard Calculation, and provide a brief explanation of units used to make calculation, e.g. '1 month contract,' on a line below the figures.

Salaries/Labor				
Standard Calculation				
Job Description		Cost/Day	# of Days	Total
Senior Civil Engineer		\$806.80	17.00	\$13,715.60
Assistant in Land Surveying		\$596.16	22.00	\$13,115.52
Senior Engineering Tech		\$518.96	12.00	\$6,227.52
Assistant in Civil Engineering		\$563.84	25.00	\$14,096.00
				\$0.00

**Non-Standard Calculation**

<b>Total Salaries/Labor</b>	<b>\$47,154.64</b>
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Travel				
Standard Calculation				
Travel Expense	Employees	Cost/Trip	# of Trips	Total
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00

**Non-Standard Calculation**

<b>Total Travel</b>	<b>\$0.00</b>
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Equipment				
Standard Calculation				
Piece of Equipment	# of Units	Cost/Day	# of Days	Total
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00

<b>Non-Standard Calculation</b>
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<b>Total Equipment</b>	<b>\$0.00</b>
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<b>Supplies/Materials</b>
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<b>Standard Calculation</b>
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Supplies/Materials	# of Items	Cost/Item	Total
			\$0.00
			\$0.00
			\$0.00
			\$0.00

<b>Non-Standard Calculation</b>
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<b>Total Supplies/Materials</b>	<b>\$0.00</b>
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<b>Printing</b>
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<b>Standard Calculation</b>
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Paper Material	# of Units	Cost/Unit	Total
			\$0.00

<b>Non-Standard Calculation</b>
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	\$0.00
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<b>Total Printing</b>	<b>\$0.00</b>
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<b>Other Expenses</b>
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<b>Standard Calculation</b>
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Item	# of Units	Cost/Unit	Total
Forgone indirect on first \$25K of Contract	1.00	\$22,002.50	\$22,002.50
			\$0.00
			\$0.00
			\$0.00

<b>Non-Standard Calculation</b>
---------------------------------

<b>Total Other</b>	<b>\$22,002.50</b>
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<b>Subtotal Direct Costs</b>	<b>\$69,157.14</b>
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<b>Cooperator Indirect Costs</b>
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Current Overhead Rate	Subtotal Direct Costs		Total
88.01%	\$47,154.64		\$41,500.80

<b>Total Coop. Indirect Costs</b>	<b>\$41,500.80</b>
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<b>TOTAL COST</b>	<b>\$110,657.94</b>
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**36107007 / 95179: MEYERS STREAM ENVIRONMENT ZONE/ EROSION CONTROL PROJECT**

**Engineer's Estimate**

Project Name: MEYERS STREAM ENVIRONMENT ZONE/ EROSION CONTROL PROJECT  
 Submittal: 90% PS&E  
 County: El Dorado

Date: 8/25/2022  
 Project No. 36107007 / 95179  
 Road Q's by: \_\_\_\_\_  
 Road Q's Checked by: \_\_\_\_\_  
 Unit Prices Checked by: \_\_\_\_\_

ITEM NO	ITEM CODE	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	025506	WOOD RAIL FENCE	LF	300	\$ 50.00	\$ 15,000.00
2	120090	CONSTRUCTION AREA SIGNS	LS	1	\$ 2,450.00	\$ 2,450.00
3	120100	TRAFFIC CONTROL SYSTEM	LS	1	\$ 6,400.00	\$ 6,400.00
4	130100	JOB SITE MANAGEMENT	LS	1	\$ 35,000.00	\$ 35,000.00
5	130640	TEMPORARY FIBER ROLL	LF	140	\$ 9.50	\$ 1,330.00
6	130670A	TEMPORARY REINFORCED SILT FENCE, MODIFIED	LF	330	\$ 11.50	\$ 3,795.00
7	130730	STREET SWEEPING	LS	1	\$ 7,500.00	\$ 7,500.00
8	141000	TEMPORARY FENCE (TYPE ESA)	LF	680	\$ 5.00	\$ 3,400.00
9	170103A	TREE REMOVAL	EA	9	\$ 1,000.00	\$ 9,000.00
10	190101A	F ROADWAY EXCAVATION (SEDIMENT BASIN)	LS	1	\$ 45,000.00	\$ 45,000.00
11	194001A	DITCH EXCAVATION	LF	1,304	\$ 70.00	\$ 91,256.20
12	210011A	HUMUS	CY	20	\$ 275.00	\$ 5,500.00
13	210012A	MULCH	CY	80	\$ 330.00	\$ 26,400.00
14	210013A	TACKIFIER	SQFT	22,000	\$ 0.27	\$ 5,940.00
15	260203	CLASS 2 AGGREGATE BASE (CY)	CY	29	\$ 240.00	\$ 7,004.44
16	390132A	HOT MIX ASPHALT (TYPE A) (SQFT)	SQFT	4,800	\$ 20.00	\$ 96,000.00
17	641107	18" PLASTIC PIPE	LF	57	\$ 250.00	\$ 14,250.00
18	641107A	18" PERFORATED PLASTIC PIPE (PHDPE)	LF	1,295	\$ 280.00	\$ 362,600.00
20	641113	24" PLASTIC PIPE	LF	90	\$ 340.00	\$ 30,600.00
19	64113B	24" PERFORATED PLASTIC PIPE (PHDPE)	LF	961	\$ 380.00	\$ 365,180.00
21	700639	36" CORRUGATED STEEL PIPE INLET (0.109" THICK)	EA	14	\$ 10,000.00	\$ 140,000.00
22	705015	24" STEEL FLARED END SECTION	EA	1	\$ 3,500.00	\$ 3,500.00
23	710136	REMOVE PIPE	LF	56	\$ 200.00	\$ 11,200.00
24	710150	REMOVE INLET	EA	2	\$ 1,000.00	\$ 2,000.00
25	723080	F ROCK SLOPE PROTECTION (20 LB, CLASS I, METHOD B)	CY	719	\$ 210.00	\$ 151,074.00
26	999990	MOBILIZATION	LS	1	\$ 85,000.00	\$ 85,000.00
<b>SUBTOTAL BID ITEMS:</b>						<b>\$ 1,511,379.64</b>

**CONTINGENCY (10% OF CONSTRUCTION): \$ 151,137.96**

CONSTRUCTION ENGINEERING (APPROX. 15% OF TOTAL CONSTRUCTION):	
CONSTRUCTION SURVEY (1% OF CONSTRUCTION)	\$ 15,113.80
CONSTRUCTION ADMIN (5% OF CONSTRUCTION)	\$ 75,568.98
CONSTRUCTION ENG. (1% OF CONSTRUCTION)	\$ 15,113.80
CONSTRUCTION INSPECTION (7% OF CONSTRUCTION)	\$ 105,796.58
MATERIALS TESTING (1% OF CONSTRUCTION)	\$ 15,113.80
<b>SUBTOTAL CONSTRUCTION ENGINEERING:</b>	<b>\$ 226,706.95</b>

**TOTAL CONSTRUCTION COST: \$ 1,889,224.56**

**TOTAL CONSTRUCTION COST \$ 1,889,224.56**

Note: The engineer's estimate is subject to change and may also vary as construction bids are received.



# EL DORADO COUNTY

## DEPARTMENT OF TRANSPORTATION

<http://www.edcgov.us/Government/DOT/>

### PLACERVILLE OFFICES:

#### MAIN OFFICE:

2850 Fairlane Court, Placerville, CA 95667  
(530) 621-5900 / (530) 626-0387 Fax

#### MAINTENANCE:

2441 Headington Road, Placerville, CA 95667  
(530) 642-4909 / (530) 642-0508 Fax

### LAKE TAHOE OFFICES:

#### ENGINEERING:

924 B Emerald Bay Road, South Lake Tahoe, CA 96150  
(530) 573-7900 / (530) 541-7049 Fax

#### MAINTENANCE:

1121 Shakori Drive, South Lake Tahoe, CA 96150  
(530) 573-3180 / (530) 577-8402 Fax

May 17, 2022

Theresa Cody, PH  
USDA Forest Service  
Lake Tahoe Basin Management Unit  
35 College Drive  
South Lake Tahoe, CA 96150

**Subject: Forest Service Agreement No. 20-PA-11051900-013, grant modification request**

Please accept this letter from the County of El Dorado Department of Transportation (County) as a request for a grant modification to extend the expiration date from May 1, 2023 to May 1, 2024, and an increase in the grant award. Reasons stated below for your review and consideration.

There was a significant delay in the execution of the Intergovernmental Grant Administration Agreement with the administrator of the State's Proposition 1 Integrated Regional Water Management implementation grant. Original schedule developed by the County assumed an agreement execution date of October 2019, however the agreement was not finalized until October 2021. Therefore, project development was delayed and had to be adjusted.

Further, due to ongoing COVID-19 impacts and the 2021 Caldor Fire evacuation, support, and immediate emergency response by the County, project development of the Meyers Stream Environment Zone/ Erosion Control Project was delayed. Staff priorities were adjusted, therefore the original design delivery schedule is no longer valid. A revised project schedule has been developed with an engineering design anticipated completion of winter 2022/2023 and implementation during the 2023 construction season.

The County is also requesting an increase to the grant award by \$600,000. The County anticipates reevaluating its engineer's estimate better reflecting the current market and economy. The recent construction bids received by the County and other partner agencies have proven construction costs volatility, above normal material costs, and supply and demand issues related to construction materials. For example, the County's Oflyng Water Quality Project opened its bid on April 15, 2022 with the bids showing 68% and 88% greater than the engineer's estimate. In anticipation of the upcoming public bidding climate, costs are anticipated to steadily increase which will be reflected in the project's estimate.

Your assistance is appreciated with this grant modification request. Should you have any questions, please feel free to call me at (530) 573-7920.

Sincerely,  
Donaldo  
Palaroan

Digitally signed by Donaldo  
Palaroan  
Date: 2022.05.17 13:27:14  
-07'00'

Donaldo Palaroan, P.E.  
Senior Civil Engineer