

AMENDMENT ONE TO AGREEMENT FOR ENGINEERING SERVICES
FOR
REPLACEMENT OF BARTLETT CREEK BRIDGE AT BARTLETT SPRINGS ROAD (14C-0099)
AND
REHABILITATION OF CACHE CREEK BRIDGE AT BARTLETT SPRINGS ROAD (14C-0107)
IN LAKE COUNTY, CALIFORNIA

THIS AMENDMENT ONE TO AGREEMENT is made this _____ day of _____, 2019, by and between the County of Lake, hereinafter referred to as "COUNTY", and Quincy Engineering, Inc., hereinafter referred to as "CONSULTANT".

WITNESSETH

WHEREAS, COUNTY and CONSULTANT have entered into an AGREEMENT dated January 26, 2016 to provide preliminary and final design, environmental services, right of way, bidding and construction assistance services in order to replace the Bartlett Creek Bridge at Bartlett Springs Road (14C-0099) and to rehabilitate the Cache Creek Bridge at Bartlett Springs Road (14C-0107); and

WHEREAS, CONSULTANT desires to amend their budget for work on various tasks; and

WHEREAS, Article XV, Section A, "MODIFICATION", of said AGREEMENT allows that matters concerning scope of services which affect the agreed price may only be modified by written amendment thereto, executed by both parties; and

WHEREAS, COUNTY AND CONSULTANT now desire to amend said Agreement to complete the necessary work.

NOW, THEREFORE, the parties hereto agree as follows:

1. ARTICLE I, "SCOPE OF SERVICES", SECTION "A" is modified to read as follows:
 - A. CONSULTANT shall perform the services described in Exhibit "A" and hereby modified by Exhibit "C", attached hereto and incorporated herein by this reference hereinafter called Scope of Work. In the event of a conflict between this Agreement and Exhibit "A", the provisions of this Agreement shall control.

2. "Compensation" under ARTICLE VI, "COMPENSATION AND TERMS OF PAYMENT" is modified to read as follows:
 - C. **Compensation:** The method of payment for this contract will be based on Actual Cost-Plus-Fixed Fee. COUNTY will reimburse CONSULTANT for actual costs (including labor costs, employee benefits,

travel, equipment rental costs, overhead and other direct costs) incurred by CONSULTANT in performance of the work set forth in Exhibit "B" as hereby modified by Exhibit "C". Direct Costs for Sub-consultants will be billed as actual costs. No payment will be made prior to approval of any work, nor for any work performed prior to approval of this Agreement.

CONSULTANT will not be reimbursed for actual costs that exceed the estimated wage rates, employee benefits, travel, equipment rental, overhead, and other estimated costs set forth in the approved CONSULTANT'S Cost Proposal, unless additional reimbursement is provided for by contract amendment. In no event, will CONSULTANT be reimbursed for overhead costs at a rate that exceeds COUNTY's approved overhead rate set forth in the Cost Proposal. In the event, that COUNTY determines that a change to the work from that specified in the Cost Proposal and contract is required, the contract time or actual costs reimbursable by COUNTY shall be adjusted by contract amendment to accommodate the changed work.

For all services CONSULTANT shall be paid in accordance with the budget set forth in Exhibit "B" as hereby modified by Exhibit "C", provided however that the total payments to CONSULTANT shall not exceed \$380,850.00 for Bartlett Creek Bridge at Bartlett Springs Road (14C-0099), \$228,700.00 for Cache Creek Bridge at Bartlett Springs Road (14C-0107), and a total of \$609,550.00 without prior written authorization by COUNTY and formal Amendment to this Agreement.

Bartlett Creek Bridge at Bartlett Springs Road (14C-0099); Phase 1 Only	\$217,800.00
Bartlett Creek Bridge at Bartlett Springs Road (14C-0099); Total	\$380,850.00
Cache Creek Bridge at Bartlett Springs Road (14C-0107); Phase 1 Only	\$180,000.00
Cache Creek Bridge at Bartlett Springs Road (14C-0107); Total	\$228,700.00

In addition to the allowable incurred costs, COUNTY will pay CONSULTANT a fixed fee of \$19,768.36 (\$8,958.36 for Phase 1 Only) for Bartlett Creek Bridge at Bartlett Springs Road and \$13,442.70 (\$12,097.70 for Phase 1 Only) for Cache Creek Bridge at Bartlett Springs Road. The fixed fee is nonadjustable for the term of the contract, except in the event of a significant change in the scope of work and such adjustment is made by contract amendment.

Reimbursement for transportation and subsistence costs shall not exceed the rates specified in the approved Cost Proposal.

Except as specifically modified herein, all other terms and conditions of the AGREEMENT dated January 26, 2016 shall remain in full force and effect.

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COUNTY and CONSULTANT have executed this Amendment One to Agreement on the
day and year first written above.

COUNTY OF LAKE:

Quincy Engineering, Inc.

Chair, Board of Supervisors

John Quincy, President

ATTEST:

CAROL J. HUCHINGSON
Clerk of the Board of Supervisors

APPROVED AS TO FORM:

ANITA L. GRANT
County Counsel

By: _____

By:  _____

EXHIBIT “C”

AMENDMENT ONE TO AGREEMENT FOR ENGINEERING SERVICES
FOR REPLACEMENT OF
BARTLETT CREEK BRIDGE AT BARTLETT SPRINGS ROAD (14C-0099)
AND REHABILITATION OF
CACHE CREEK BRIDGE AT BARTLETT SPRINGS ROAD (14C-0107)
IN LAKE COUNTY, CALIFORNIA



February 6, 2019

Fred Pezeshk, Project Manager
County of Lake
Department of Public Works
255 N. Forbes Street Lakeport, CA 95453

**Re: Professional Engineering & Project Delivery Services for
Bartlett Springs Road at Bartlett Creek Bridge Replacement Project
Federal Project No. BRLO-5914(111) Amendment 1 Request [Rev. 4]**

Dear Mr. Pezeshk:

This document is a summary of the various additional levels of effort that have been discussed with the County and that are required for the completion of this project. This proposed amendment includes the following tasks which correspond to the original contract task numbers. The amounts listed below reflect the total additional amounts requested, this can be accomplished through both task budget reallocation and budget augmentation as outlined below. In addition to task budget augmentation and reallocations, this amendment request also includes a request for staff substitutions by the team's ROW specialist, Bender Rosenthal, Inc.

<u>Summary by Task</u>	<u>Additional Amount Requested</u>
Task 2.1 - Project Management	\$2,216.68
Task 3.3 - Hydrologic & Hydraulic Studies	\$11,172.25
Task 3.4 - Advance Planning Studies	\$1,067.17
Task 3.5.A - Preliminary Plans	\$3,869.68
Task 3.5.B - Type Selection Report	\$3,071.68
Task 4.2 - NEPA/CEQA Technical Studies	\$5,716.33
Task 90 - Other Direct Costs (Quincy)	\$71.88
Quincy Fixed Fee	\$1,342.36
Total Additional Work	\$28,528.02
Budget Reallocation (Shift Remaining Task Budgets*)	(-\$9,028.02)
Total Amendment Request	\$19,500.00

*Budget reallocations include \$4,831.70 from WRECO to WRECO and \$4,196.32 from Cinquini & Passarino to Gallaway Enterprises



BUDGET AUGMENTATIONS

Task 2.1 – Project Management

Quincy requests additional Project Management budget for providing coordination and project delivery services between the Quincy team, project subconsultants, County staff, and Caltrans reviewers based on the additional engineering and project delivery services described in the following tasks. Significant efforts are required to perform an additional environmental study for the project, revise Hydraulic analysis and reports, and revise roadway geometrics and project plans in Tasks 3.3, 3.4, 3.5.A, 3.5.B, and 4.2. These tasks will require additional hours of tracking, scheduling, and management to complete under Task 2.1 Project Management.

Task 3.3 – Hydrologic & Hydraulic Studies

Based on review of the draft bridge Type Selection Report, Caltrans Hydraulics has provided input that the County may reduce design criteria for hydraulic conveyance/freeboard of the new replacement bridge. Currently, the soffit elevation of the replacement bridge has been designed to meet the minimum of the following criteria:

<u>Flood Stage</u>	<u>Occurrence Probability</u>	<u>Freeboard</u>
Design Flood *governs	"50-year storm" water surface	2 feet
Base Flood	"100-year storm" water surface	0 feet

Hydraulic analysis has shown that the existing approach roadways will be overtopped by water during storm events with a higher probability of annual occurrence than the current Design Flood ("50 year storm"). Based on Caltrans' interpretation of the Highway Design Manual and recently a revised Memo to Designers 16-1 Hydraulic Design for Structures over Waterways, Caltrans has indicated that the County may interpret the Overtopping Flood to be the Design Flood, with no freeboard required. This input from Caltrans has come after Quincy and WRECO set the proposed bridge profile based on the typical design criteria of the greater of the 100-year storm water surface or 50-year storm water surface plus two feet of freeboard. It should be noted that bridge hydraulic design criteria have been an area of recent evolution due to code changes and design guidance document revisions such as Caltrans' Memo to Designers 16-1 *Hydraulic Design for Structure over Waterways*. These changes to design criteria standards and their interpretations have occurred since Quincy developed the original Geometric Approval Drawings.

Interpreting the Overtopping Flood water surface to govern the Design Flood criteria will lower the Design Flood to the point where the Base Flood criteria will govern. Based on some preliminary analysis by Quincy and WRECO, it appears that the County could lower the profile of the roadway and bridge on the order of 1 - 2 feet without encroaching on the Base Flood water surface which would still meet federal hydraulic criteria defined in the 23 Code of Federal Regulations Part 650.



Using the new Overtopping Flood criteria proposed by Caltrans would benefit the project and the County in several ways, including:

- Reduction of overall project costs by reducing construction costs. The reduced profile would require less fill, shorter abutments, smaller foundations, and decrease the size of precast components transported to this remote site.
- Reduction of overall project footprint. The reduced profile would result in smaller a small project footprint by reducing fill slope limits, in turn reducing environmental impacts and Right-of-Way costs.
- Reduction of construction schedule. Reduced earthwork embankment construction will decrease construction schedule duration and provide more flexibility for construction late starts to accommodate avoidance of yellow-legged frogs if water is present in the creek from spring rainfall, while still completing the project in one construction season.

Adopting the proposed revised hydraulic design criteria will require additional scope and budget for both Quincy and WRECO for Task 3.3 Hydraulic and Hydrologic Studies. WRECO would perform additional hydraulic modeling and analysis to determine revised water surface elevations. Quincy and WRECO would coordinate to revise the content of the current draft Location Hydraulic Study (LHS) and Bridge Design Hydraulic Study (BDHS), respond to County and Caltrans comments, and finalize both studies.

Task 3.4 – Advanced Planning Studies

Following revision of the of the LHS and BDHS, Quincy will revise the current Bridge Advanced Planning Study drawing to reflect the lower profile. This effort is relatively minor compared to other plan revisions since it only affects one drawing within the plan sheet and all engineering related to lowering the profile will have been performed in Task 3.5.A as part of the revision to the Geometric Approval Drawings. Revision of the planning study drawing is important, however, because it is a supportive exhibit included in other decision documents such as the Type Selection Report.

Task 3.5.A – Preliminary Plans

Following revision of the of the LHS and BDHS, Quincy will revise the current roadway Geometric Approval Drawings (Cross-Sections, Layout, Profile) to reflect the lower profile. This effort is more substantial because it involves drafting changes to multiple drawings on all sheets of the GAD planset. Additionally, engineering is required to verify the revised profile meets all other roadway design criteria include design speeds, sight distances, and acceptable conform transitions.

Task 3.5.B – Type Selection Report

Following revision of the of the LHS and BDHS, Quincy will revise the current draft Type Selection Report document to reflect the new hydraulic design criteria and include the



revised GAD and APS drawings as attachments. This effort is relatively minor as only a portion of the report is affected and the attached drawings have been revised in prior tasks. Prior to revising the report, Quincy will confirm the adopted hydraulic criteria proposed in the revised LHS and BDHS through written email confirmation with District Local Assistance and Structures Local Assistance which will be included in an Appendix of the Type Selection Report as backup documentation.

BUDGET REALLOCATIONS

Task 4.2 NEPA/CEQA Technical Studies

Based on input from Caltrans District Environmental, potential impacts from the project on the creek require a Water Quality Technical Memo (WQTM) for evaluation for NEPA compliance. Previously, Quincy and Gallaway proposed to address water quality impacts from the project as discussion within the Natural Environmental Study. This approach was discussed with Caltrans and the County at the Field Review Meeting. Since the field review meeting, Caltrans has revised their standard template for Water Quality Assessment Reports and increased the level of study required on water quality impacts for NEPA compliance. Based on input from Caltrans' District 1 Environmental staff, a separate WQTM will now be the standard required by Caltrans for evaluating water quality impacts on Lake County Highway Bridge Program projects. This change is consistent with all of Quincy's experience and interactions with Caltrans environmental staff on other active Lake County HBP projects.

In order to gain NEPA compliance, additional efforts are required to develop a draft WQTM, respond to Caltrans and County comments, and finalize a WQTM are required. As there is no Caltrans template for Water Quality Technical Memorandums, Gallaway Enterprises will use the Revised Scoping Questionnaire for Water Quality Issues, February 2010, and a pared down version of the Water Quality Assessment Report Content and Recommended Format, October 2017 available from Caltrans to develop the WQTM. The WQTM will address water quality issues at the site to be used in the NEPA/CEQA process and, as feasible, and the National Pollution Discharge Elimination System (NPDES) permitting. Considering the timing of the project, extent of project, and the affected environment, Gallaway believes that water quality impacts will be minimal and temporary. The technical memorandum will be an appendix to the NES. The technical memo at a minimum will include a discussion of the affected environment, regulatory setting, and avoidance and minimization measures. The WQTM does not make conclusions regarding significance of the impacts; the determination of significance will be addressed in the NEPA/CEQA document based on information provided in the WQTM. Based on discussions with Caltrans' District environmental staff, this is the preferred strategy identified by Caltrans staff and the minimum acceptable threshold for addressing water quality concerns under NEPA.

To accomplish this work, additional budget augmentation is not required. Quincy proposes to re-allocate surplus budget of \$4,196.32 from Task 3.1 Surveys and Mapping from Cinquini & Passarino to Gallaway Enterprises to cover the additional cost of the WQTM. Cinquini & Passarino have already completed the deliverables that required this budget under Task 3.1. Gallaway has also agreed to proposed task budget reallocation to provide budget to



complete the WQTM. LAPM 10H forms are included in this amendment request to indicate acceptance of this proposed budget reallocation by both Gallaway and Cinquini & Passarino.

STAFF SUBSTITUTION, CLASSIFICATION AND RATES REVISION REQUEST

Task 7.2 – Right-of-Way Appraisals

To accomplish work in the ROW phase, additional budget augmentation or budget re-allocation is not required. However, the project team's ROW specialist Bender Rosenthal Inc (BRI) requests adding several staff, revising staff classifications, and updating staff labor rates to reflect labor rate escalation. A letter from BRI detailing this request is included as an attachment for the County's consideration and approval.

In Summary

This amendment represents additional level of effort required to complete this project. The proposed Amendment amount is arrived at if the budget re-allocation of underbudget tasks is allowed. This re-allocated amount is subtracted from the overall additional work total and results in the proposed contract amendment amount requested. The appropriate LAPM Exhibit 10h documents from Quincy and it's subconsultant are enclosed for use in Amendment 1 of this Agreement along with a tracking table identifying budget augmentations and re-allocations. We are very sensitive to budgetary constraints facing public agencies and have attempted to conserve budget wherever possible.

If you have any questions or comments on this proposed addendum, please call me at (916) 368-9181.

Sincerely,
Quincy Engineering, Inc.
Mark L. Reno, P.E.
Project Manager

Attachments:

- Cost Proposal - Budget Summary
- Cost Proposal - Hours Summary
- Task Budget Reallocation
- Contract Budget Summary
- Quincy Engineering Exhibit 10-H1
- WRECO Exhibit 10-H1
- Gallaway Enterprises Exhibit 10-H1
- Cinquini & Passarino Exhibit 10-H1
- Staff Substitution, Classification Revision, and Labor Rate Request Letter from BRI
- Bender Rosenthal, Inc Exhibit 10-H1

Cost Proposal: Summary

Bartlett Creek Bridge Project (14C-0099) - Amendment #1

BUDGET AUGMENTATIONS - only affected contract tasks shown

Date: 2/4/2019

Quincy Engineering, Inc.

Direct Labor:	\$5,086.80
Estimated Salary Increases for Multi-Year Project	\$0.00
Subtotal	\$5,086.80
Overhead (1.6389):	\$8,336.76
A. Labor Subtotal	\$13,423.56

Subconsultant Costs:

WRECO	\$9,493.91
Gallaway Enterprises	\$4,196.32
Cinquini & Passarino	\$0.00
Genesis Society	\$0.00
Taber	\$0.00
Bender Rosenthal	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
B. Subconsultant Subtotal	\$13,690.23

Other Direct Costs:

Travel (@ active IRS mileage rate)	0 miles @	\$0.545	\$0.00
Pier Diem/ Hotel	0 days @	\$150.00	\$0.00
Delivery	0 @	\$20.00	\$0.00
<i>Vendor Reproduction</i>			
Vellum	@	\$0.00	\$0.00
8 1/2 X 11 Reproduction	@	\$0.00	\$0.00
11 X 17 Reproduction	@	\$0.00	\$0.00
Mounting Boards for Presentations	@	\$0.00	\$0.00
Newsletters (Translation and printing)	@	\$0.00	\$0.00
<i>Subtotal Vendor Reproduction</i>			\$0.00
Title Report	@		\$0.00
Miscellaneous			\$71.88
C. Other Direct Cost Subtotal:			\$71.88

Labor Subtotal A. =	\$13,423.56
Fixed Fee	\$1,342.36
Subconsultant Subtotal B. =	\$13,690.23
Fixed Fee (0.0%):	\$0.00
Other Direct Cost Subtotal: C. =	\$71.88
Fixed Fee (0.0%):	\$0.00

TOTAL = **\$28,528.02**

Note: Invoices will be based upon actual QEI hourly rates plus overhead at 163.89% plus prorated portion of fixed fee. Subconsultant and Direct Costs will be billed at actual cost. The overhead rate (ICR) shall remain fixed for the contract duration or until both parties agree to modify the rate in writing.

Task Budget Reallocation

Project Name: Bartlett Creek Bridge Project (14C-0099) - Amendment #1		Quincy Engineering, Inc.				WRECO				Galloway Enterprises				Cinquini & Passarino			
TASKS		Task Budget	Task Reallocation	Task Amendment	Task Revised Budget	Task Budget	Task Reallocation	Task Amendment	Task Revised Budget	Task Budget	Task Reallocation	Task Budget	Task Revised Budget	Task Budget	Task Reallocation	Task Revised Budget	
AUGMENTATION & RE-ALLOCATIONS																	
2 Project Management																	
2.1	Additional Project Management	\$7,168.10	\$0.00	\$2,216.68	\$9,384.78		no changes				no changes				no changes		
3.1	Surveys and Mapping	\$1,620.77	\$0.00	\$0.00	\$1,620.77		no changes				no changes			\$20,097.61	(\$4,196.32)	\$15,901.29	
3.3 Hydrologic & Hydraulic Studies																	
	Revise LHS & BDHS	\$1,091.46	\$0.00	\$1,678.34	\$2,769.80	\$11,073.80	(\$4,831.70)	\$9,493.91	\$15,736.01		no changes				no changes		
3.4 Advance Planning Studies																	
	Revised APS based on BDHS	\$7,516.95	\$0.00	\$1,067.17	\$8,584.13		no changes				no changes				no changes		
3.5.A Preliminary Plans																	
	Revise GAD based on LHS/BDHS	\$6,327.62	\$0.00	\$3,669.68	\$10,197.30		no changes				no changes				no changes		
3.5.B Type Selection Report																	
	Revised TSR based on BDHS	\$8,721.36	\$0.00	\$3,071.68	\$11,793.04		no changes				no changes				no changes		
4.2 NEPA/CEQA Technical Studies																	
	Draft & Final WOTM	\$8,229.53	\$0.00	\$1,520.01	\$9,749.53		no changes			\$12,018.86	\$4,181.32	\$16,200.18			no changes		
7.1 Right-of-Way Surveying																	
							no changes				no changes			\$13,652.44		\$13,652.44	
90	Other Direct Costs	\$879.14		\$71.88	\$951.02	\$331.00	\$15.00		\$346.00		\$15.00	\$300.00			See Note 4	\$300.00	
Quincy Fixed Fee for Above Tasks																	
		\$4,067.58		\$1,942.36	\$5,409.94												

- Notes:
1. A proposed amount of \$4196.32 is being reallocated from Cinquini & Passarino Task 3.1 to Galloway Enterprises Task 4.2 and Galloway ODCs for preparation of the NEPA Water Quality Technical Memo.
 2. A proposed amount of \$4831.70 is being reallocated from existing, remaining WRECO budget to additional Tasks for WRECO involving revisions to the Location Hydraulic Study and Design Hydraulic Study.
 3. A proposed amount of \$4196.32 is being reallocated to Galloway Enterprises Task 4.2 and Galloway ODCs from Cinquini & Passarino Task 3.1 for preparation of the NEPA Water Quality Technical Memo.
 4. No changes are being proposed to Cinquini and Passarino Task 7.1. Task budget is only being reallocated from Cinquini & Passarino Task 3.1



Contract Budget Summary

Project Number: L01-601	Project Name: Bartlett Creek Bridge Project (14C-0099) - Amendment #1 - Revised Contract Amounts		
	Current, Existing Contract Budget	Proposed Budget Revis on due to Amendment	Proposed Contract Budget due to Amendment
Consultant (including ODCs)			
Quincy Engineering	\$203,574.34	\$14,837.79	\$218,412.13
Galloway Enterprises	\$32,656.03	\$4,196.32	\$36,852.35
Genesis Society	\$6,198.96	no changes	\$6,198.96
Crawford & Associates	\$43,531.55	no changes	\$43,531.55
WRECO	\$18,705.71	\$4,662.21	\$23,367.92
Cinquini & Passarino	\$34,050.05	(\$4,196.32)	\$29,853.73
Bender Rosenthal, Inc	\$15,097.63	no changes	\$15,097.63



Exhibit 10-H1 Cost Proposal

Actual Cost-Plus-Fixed Fee Contracts

Prime Consultant Subconsultant

Consultant **Quincy Engineering, Inc.**
 Project Name **Bartlett Creek Bridge Project (14C-0099) - Amendment #1**
 Project No. **L01-601** Contract No. _____ Date **2/4/2019**

DIRECT LABOR

Classification/Title	Name	Initials	Range	Hours	Initial Hourly Rate	Total
Principal Eng.	James Foster	JF	\$70-\$105	0	\$ 84.00	\$ -
Principal Eng. *	Mark Reno	MR	\$70-\$105	14	\$ 84.00	\$ 1,176.00
Senior Eng. *	Maxwell Katt	MK	\$49-\$85	20	\$ 69.00	\$ 1,380.00
Senior Eng.	Greg Young	GY	\$49-\$85	0	\$ 71.10	\$ -
CAD Manager	Bob Maechler	BM	\$34-\$56	0	\$ 49.50	\$ -
CAD Tech	Patrick Kenney	PK	\$22-\$37	8	\$ 33.30	\$ 266.40
Assoc Eng.	Andrew Mitchell	AM	\$32-\$63	24	\$ 52.10	\$ 1,250.40
Senior PM *	Carolyn Davis	CD	\$55-\$95	8	\$ 54.00	\$ 432.00
Assoc Eng.	Juan Cruz	JCr	\$32-\$63	12	\$ 48.50	\$ 582.00
Principal Eng.	John Quincy	JQ	\$70-\$105	0	\$ 90.30	\$ -
Principal Eng.	John Quincy	JQ	\$70-\$105	0	\$ 90.30	\$ -
Principal Eng.	John Quincy	JQ	\$70-\$105	0	\$ 90.30	\$ -
Principal Eng.	John Quincy	JQ	\$70-\$105	0	\$ 90.30	\$ -
Principal Eng.	John Quincy	JQ	\$70-\$105	0	\$ 90.30	\$ -
Principal Eng.	John Quincy	JQ	\$70-\$105	0	\$ 90.30	\$ -
Principal Eng.	John Quincy	JQ	\$70-\$105	0	\$ 90.30	\$ -
Principal Eng.	John Quincy	JQ	\$70-\$105	0	\$ 90.30	\$ -
Principal Eng.	John Quincy	JQ	\$70-\$105	0	\$ 90.30	\$ -
				86		\$ 5,086.80

LABOR COSTS

a) Subtotal Direct Labor Costs \$5,086.80
 b) Estimated Salary Increases for Multi-Year Project \$0.00 (see calculation page attached)
 c) **TOTAL DIRECT LABOR COSTS [(a) + (b)]** \$5,086.80

INDIRECT COSTS

d) Fringe Benefits (Rate: 39.00%): e) Total Fringe Benefits [(c) x (d)] \$1,983.85
 f) Overhead (Rate: 96.59%): g) Overhead [(c) x (f)] \$4,913.34
 h) General Administration (Rate: 28.30%): i) Gen & Admin [(c) x (h)] \$1,439.56
 j) **TOTAL INDIRECT COSTS [(e) + (g) + (i)]** \$8,336.76

FIXED FEE

k) Fixed Fee l) **TOTAL FIXED FEE [(c) + (j)] x (k)** \$1,342.36

CONSULTANT'S OTHER DIRECT COSTS (ODC)

Travel (@ active IRS mileage rate)	0 miles @	\$0.545	\$0.00
Pier Diem/ Hotel	0 days @	\$150.00	\$0.00
Delivery	0 @	\$20.00	\$0.00
Vendor Reproduction			
	Vellum @		\$0.00
	8 1/2 X 11 Reproduction @		\$0.00
	11 X 17 Reproduction @		\$0.00
	Mounting Boards for Presentations @		\$0.00
	Newsletters (Translation and printing) @		\$0.00
	<u>Subtotal Vendor Reproduction</u>		<u>\$0.00</u>
Title Report	0 @	\$0.00	\$0.00
Miscellaneous			<u>\$71.88</u>
m) TOTAL OTHER DIRECT COSTS			<u>\$71.88</u>

n) SUBCONSULTANT COSTS (attach detailed cost proposal for each subconsultant)

WRECO	\$9,493.91
Galloway Enterprises	\$4,196.32
Cinquini & Passarino	\$0.00
Genesis Society	\$0.00
Taber	\$0.00
Bender Rosenthal	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
	<u>\$0.00</u>
	<u>\$13,690.23</u>

o) **TOTAL COST [(c) + (j) + (l) + (m) + (n)]** \$28,528.02

NOTES:

- Key personnel marked with an asterisk (*).
- Employees subject to prevailing wage marked with two asterisks (**).
- Anticipated salary increases calculation (Item "b") on attached page.
- Note: Invoices will be based upon actual QEI hourly rates plus overhead at 163.89% plus prorated portion of fixed fee. Subconsultant and Direct Costs will be billed at actual cost. The overhead rate (ICR) shall remain fixed for the contract duration or until both parties agree to modify the rate in writing.

EXHIBIT 10-H1 COST PROPOSAL
ACTUAL COST-PLUS-FIXED FEE CONTRACTS
 (CALCULATIONS FOR ANTICIPATED SALARY INCREASES)

Consultant Quincy Engineering, Inc. Contract No. 0 Date 2/4/2019
Bartlett Creek Bridge Project (14C-0099) - Amendment #1

1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)

Direct Labor <u>Subtotal</u> per Cost Proposal	Total Hours per Cost Proposal	=	Avg Hourly Rate	5 Year Contract Duration
\$ 5,086.80	86	=	\$59.15	Year 1 Avg Hourly Rate

2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)

	Proposed Escalation =		5.0%			
	Avg Hourly Rate		Proposed Escalation			
Year 1	\$59.15	+	2.5%	=	\$60.63	Year 1 Avg Hourly Rate
Year 2	\$60.63	+	5.0%	=	\$63.66	Year 2 Avg Hourly Rate
Year 3	\$63.66	+	5.0%	=	\$66.84	Year 3 Avg Hourly Rate
Year 4	\$66.84	+	5.0%	=	\$70.18	Year 4 Avg Hourly Rate
Year 5	\$70.18	+	5.0%	=	\$73.69	Year 5 Avg Hourly Rate

3. Calculate estimated hours per year (Multiply estimate % each year by total hours)

	Estimated % Completed Each Year		Total Hours per Cost Proposal		Total Hours per Year	
Year 1	100.00%	*	86.0	=	86.0	Estimated Hours Year 1
Year 2	0.00%	*	86.0	=	0.0	Estimated Hours Year 2
Year 3	0.00%	*	86.0	=	0.0	Estimated Hours Year 3
Year 4	0.00%	*	86.0	=	0.0	Estimated Hours Year 4
Year 5	0.00%	*	86.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	86.0	

4. Calculate Total Costs including Escalation (Multiply Average Hourly Rate by the number of hours)

	Avg Hourly Rate (calculated above)		Estimated hours (calculated above)		Cost per Year	
Year 1	\$59.15	*	86	=	\$5,086.80	Estimated Hours Year 1
Year 2	\$60.63	*	0	=	\$0.00	Estimated Hours Year 2
Year 3	\$63.66	*	0	=	\$0.00	Estimated Hours Year 3
Year 4	\$66.84	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$70.18	*	0	=	\$0.00	Estimated Hours Year 5
	Total Direct Labor Cost with Escalation			=	\$5,086.80	
	Direct Labor Subtotal before Escalation			=	\$5,086.80	
	Estimated total of Direct Labor Salary Increase			=	\$0.00	Transfer to Page 1

NOTES:

- This assumes that an average of one half year will be worked at the rate on the cost proposal.

EXHIBIT 10-H1 COST PROPOSAL Page 3 of 3

Certification of Direct Costs:


I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. Title 23 United States Code Section 112 - Letting of Contracts
4. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
5. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
6. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement. Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

Prime Consultant or Subconsultant Certifying:

Name: John S. Quincy Title *: President

Signature :  Date of Certification (mm/dd/yyyy): 9/17/18

Email: johnq@quincyeng.com Phone Number: 916-368-9181

Address: 11017 Cobblerock Drive, Rancho Cordova, CA 95670

*An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

Project Management, engineering design for roadway and bridge, PS&E,

EXHIBIT 10-H1 COST PROPOSAL

ACTUAL COST-PLUS-FIXED-FEE OR LUMP SUM (FIRM FIXED PRICE) CONTRACTS

(SAMPLE CALCULATIONS FOR ANTICIPATED SALARY INCREASES)

Consultant: WRECO Contract No.: _____ Date: 2/5/2019

1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)

Direct Labor Subtotal per Cost Proposal	Total Hours per Cost Proposal	=	Avg Hourly Rate	5 Year Contract Duration Year 1 Avg Hourly Rate
\$8,706.53	194.0		44.88	

2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)

	Avg Hourly Rate		Proposed Escalation			
Year 1	\$44.88	+	3%	=	\$46.23	Year 2 Avg Hourly Rate
Year 2	\$46.23	+	3%	=	\$47.61	Year 3 Avg Hourly Rate
Year 3	\$47.61	+	3%	=	\$49.04	Year 4 Avg Hourly Rate
Year 4	\$49.04	+	3%	=	\$50.51	Year 5 Avg Hourly Rate

3. Calculate estimated hours per year (Multiply estimate % each year by total hours)

	Estimated % Completed Each Year		Total Hours per Cost Proposal		Total Hours per Year	
Year 1	100.0%	*	194.00	=	194.00	Estimated Hours Year 1
Year 2	0.0%	*	194.00	=	0.00	Estimated Hours Year 2
Year 3	0.0%	*	194.00	=	0.00	Estimated Hours Year 3
Year 4	0.0%	*	194.00	=	0.00	Estimated Hours Year 4
Year 5	0.0%	*	194.00	=	0.00	Estimated Hours Year 5
Total	100%		Total	=	194.0	

4. Calculate Total Costs including Escalation (Multiply Average Hourly Rate by the number of hours)

	Avg Hourly Rate (calculated above)		Estimated hours (calculated above)		Cost per Year	
Year 1	\$44.88	*	194.00	=	\$8,706.53	Estimated Hours Year 1
Year 2	\$46.23	*	0.00	=	\$0.00	Estimated Hours Year 2
Year 3	\$47.61	*	0.00	=	\$0.00	Estimated Hours Year 3
Year 4	\$49.04	*	0.00	=	\$0.00	Estimated Hours Year 4
Year 5	\$50.51	*	0.00	=	\$0.00	Estimated Hours Year 5
			Total Direct Labor Cost with Escalation	=	\$8,706.53	
			Direct Labor Subtotal before Escalation	=	\$8,706.53	
			<i>Estimated total of Direct Labor Salary Increase</i>	=	\$0.00	<i>Transfer to Page 1</i>

NOTES:

1. This is not the only way to estimate salary increases. Other methods will be accepted if they clearly indicate the % increase, the # of years of the contract, and a breakdown of the labor to be performed each year.
2. An estimation that is based on direct labor multiplied by salary increase % multiplied by the # of years is not acceptable. (i.e. \$250,000 x 2% x 5 yrs = \$25,000 is not an acceptable methodology)
3. This assumes that one year will be worked at the rate on the cost proposal before salary increases are granted.
4. Calculations for anticipated salary escalation must be provided.

EXHIBIT 10-H1 COST PROPOSAL

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. Title 23 United States Code Section 112 - Letting of Contracts
4. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
5. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
6. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

Prime Consultant or Subconsultant Certifying:

Name: Han-Bin Liang, Ph.D., P.E.

Title: President

Signature: 

Date of Certification (mm/dd/yyyy): 02/05/2019

Email: hanbin_liang@wreco.com

Phone Number: (925) 941-0017

Address: 1243 Alpine Road, Suite 108, Walnut Creek, CA 94596

*An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

Hydraulic analysis, scour calculations, location hydraulic study, bridge design hydraulic study report.

COST PROPOSAL

Consultant Gallaway Enterprises, Inc.
 Project Bartlett Creek Bridge at Bartlett Springs Road, 14C-0099, BRLO-5914(111) Date 31-Jan-19

DIRECT LABOR

Classification	Name	Hours	Actual Hourly Rate	Total
Manager/Sr. Biologist	Jody Gallaway*	98.0 @	\$ 45.00	4,410.00
Biologist	Melissa Murphy	249.0 @	\$ 30.00	\$ 7,470.00
GIS Analyst	Cate Davis	110.0 @	\$ 25.00	2,750.00

LABOR COSTS

a) Subtotal Direct Labor Costs	\$ 14,630.00
b) Anticipated Salary Increases	\$ 387.30

Total Direct Labor Costs \$ 15,017.30

INDIRECT COSTS

	Rate	Total
Fringe Benefits	34.00%	\$ 5,105.88
Overhead/General and Administrative	87.00%	\$ 13,065.05
Total Indirect Costs		\$ <u>18,170.93</u>

FIXED FEE @ 10%

\$ 3,318.82

CONSULTANTS DIRECT COST

Description	Quantity	Unit	Unit Cost	Total
Travel	361.66	1	\$ 0.540	\$ 195.30
Reporting/Mapping	10	1	\$ 15.000	\$ 150.00
Total Direct Costs				\$ 345.30

SUBCONSULTANTS COSTS

Subconsultant 1	\$ 0.00
Subconsultant 2	\$ 0.00
Total Subconsultants Costs	\$ -

Total other Direct Costs Including Subconsultants \$ 345.30

TOTAL COSTS

\$ **36,852.35**

1. Key personal must be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
- 2) The cost proposal format shall not be amended. Indirect cost rates shall be updated on an annual basis in accordance with the consultants's annual accounting period and established by a cognizant agency or accepted by Caltrans.
- 3) Anticipated salary increases calculation (page 2) must accompany.

10-H1 Cost Proposal: Anticipated Salary Increases (page 2a of 3)

1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)

Direct Labor Subtotal	Total Hours per	Avg Hourly	4 Year Contract
Original Contract	Cost Proposal	Rate	Duration
\$ <u>12,910.00</u>	<u>402</u>	\$ <u>32.11</u>	

2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)

	Avg Hourly Rate	Proposed Escalation		
Year 1	\$ <u>32.11</u>	3%	\$ <u>33.08</u>	Year 2 Avg Hourly Rate
Year 2	\$ <u>33.08</u>	3%	\$ <u>34.07</u>	Year 3 Avg Hourly Rate
Year 3	\$ <u>34.07</u>	3%	\$ <u>35.09</u>	Year 4 Avg Hourly Rate

3. Calculate estimated hours per year (Multiply estimate % each year by total hours)

	Estimated % Completed		Total Hours per	Total Hours
	Each Year		Cost Proposal	Per Year
Year 1	0	x	0	0 Est. Hours Year 1
Year 2	100	x	402	402 Est. Hours Year 2
Year 3	0	x	0	0 Est. Hours Year 3
Year 4	0	x	0	0 Est. Hours Year 4
Total	100%		Total	402

4. Calculate Total Costs including Escalation (Multiply Average Hourly rate by the number of hours)

	Avg Hourly Rate	Estimated Hours	Cost per Year	
Year 1	\$ <u>32.11</u>	x 0	\$ <u>-</u>	Est. Hours Year 1
Year 2	\$ <u>33.08</u>	x 402	\$ <u>13,297.30</u>	Est. Hours Year 2
Year 3	\$ <u>34.07</u>	x 0	\$ <u>-</u>	Est. Hours Year 3
Year 4	\$ <u>35.09</u>	x 0	\$ <u>-</u>	Est. Hours Year 4
Total Direct Labor Cost with Escalation			\$ <u>13,297.30</u>	
Direct Labor Subtotal before Escalation			\$ <u>12,910.00</u>	
Estimated Total of Direct Labor Salary				Transfer to page 1
	Increase		\$ <u>387.30</u>	

10-H1 Cost Proposal: Anticipated Salary Increases (page 2b of 3)

1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)

Direct Labor Subtotal Change Order	Total Hours per Cost Proposal	Avg Hourly Rate	4 Year Contract Duration
\$ <u>1,720.00</u>	<u>55</u>	\$ <u>31.27</u>	

2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)

	Avg Hourly Rate	Proposed Escalation		
Year 1	\$ <u>31.27</u>	3%	\$ <u>32.21</u>	Year 2 Avg Hourly Rate
Year 2	\$ <u>32.21</u>	3%	\$ <u>33.18</u>	Year 3 Avg Hourly Rate
Year 3	\$ <u>33.18</u>	3%	\$ <u>34.17</u>	Year 4 Avg Hourly Rate

3. Calculate estimated hours per year (Multiply estimate % each year by total hours)

	Estimated % Completed Each Year		Total Hours per Cost Proposal	Total Hours Per Year
Year 1	100	x	55	55 Est. Hours Year 1
Year 2	0	x	0	0 Est. Hours Year 2
Year 3	0	x	0	0 Est. Hours Year 3
Year 4	0	x	0	0 Est. Hours Year 4
Total	100%		Total	55

4. Calculate Total Costs including Escalation (Multiply Average Hourly rate by the number of hours)

	Avg Hourly Rate		Estimated Hours	Cost per Year	
Year 1	\$ <u>31.27</u>	x	55	\$ <u>1,720.00</u>	Est. Hours Year 1
Year 2	\$ <u>32.21</u>	x	0	\$ <u>-</u>	Est. Hours Year 2
Year 3	\$ <u>33.18</u>	x	0	\$ <u>-</u>	Est. Hours Year 3
Year 4	\$ <u>34.17</u>	x	0	\$ <u>-</u>	Est. Hours Year 4
Total Direct Labor Cost with Escalation				\$ 1,720.00	
Direct Labor Subtotal before Escalation				\$ 1,720.00	
Estimated Total of Direct Labor Salary					Transfer to page 1
		Increase	\$	0.00	

EXHIBIT 10-H1 COST PROPOSAL Page 3 of 3

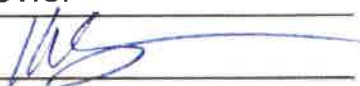
Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. [Title 23 United States Code Section 112](#) - Letting of Contracts
4. [48 Code of Federal Regulations Part 31](#) - Contract Cost Principles and Procedures
5. [23 Code of Federal Regulations Part 172](#) - Procurement, Management, and Administration of Engineering and Design Related Service
6. [48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board](#) (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement. Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

Prime Consultant or Subconsultant Certifying:

Name: Kevin Sevier Title *: Vice President
 Signature :  Date of Certification (mm/dd/yyyy): 1/31/2019
 Email: kevin@gallawayenterprises.com Phone Number: 530-332-9909
 Address: 117 Meyers Street Suite 120, Chico CA 95928

*An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

Environmental Consulting

EXHIBIT 10-H1 COST PROPOSAL
ACTUAL COST-PLUS-FIXED FEE CONTRACTS
 (CALCULATIONS FOR ANTICIPATED SALARY INCREASES)

Consultant Cinquini & Passarino, Inc Contract No. Amend #1 Date 10/4/2018
Bartlett Springs Road at Bartlett Creek Bridge Replacement Project

1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)

Direct Labor Subtotal per Cost Proposal	Total Hours per Cost Proposal	=	Avg Hourly Rate	5 Year Contract Duration
\$ 9,413.48	262	=	\$35.93	Year 1 Avg Hourly Rate

2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)

	Proposed Escalation =		5.0%		
	Avg Hourly Rate		Proposed Escalation		
Year 1	\$35.93	+	2.5%	=	\$36.83 Year 1 Avg Hourly Rate
Year 2	\$36.83	+	5.0%	=	\$38.67 Year 2 Avg Hourly Rate
Year 3	\$38.67	+	5.0%	=	\$40.60 Year 3 Avg Hourly Rate
Year 4	\$40.60	+	5.0%	=	\$42.63 Year 4 Avg Hourly Rate
Year 5	\$42.63	+	5.0%	=	\$44.76 Year 5 Avg Hourly Rate

3. Calculate estimated hours per year (Multiply estimate % each year by total hours)

	Estimated % Completed Each Year		Total Hours per Cost Proposal		Total Hours per Year	
Year 1	15.00%	*	262.0	=	39.3	Estimated Hours Year 1
Year 2	85.00%	*	262.0	=	222.7	Estimated Hours Year 2
Year 3	0.00%	*	262.0	=	0.0	Estimated Hours Year 3
Year 4	0.00%	*	262.0	=	0.0	Estimated Hours Year 4
Year 5	0.00%	*	262.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	262.0	

4. Calculate Total Costs including Escalation (Multiply Average Hourly Rate by the number of hours)

	Avg Hourly Rate (calculated above)		Estimated hours (calculated above)		Cost per Year	
Year 1	\$35.93	*	39	=	\$1,412.02	Estimated Hours Year 1
Year 2	\$36.83	*	223	=	\$8,202.04	Estimated Hours Year 2
Year 3	\$38.67	*	0	=	\$0.00	Estimated Hours Year 3
Year 4	\$40.60	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$42.63	*	0	=	\$0.00	Estimated Hours Year 5
	Total Direct Labor Cost with Escalation			=	\$9,614.06	
	Direct Labor Subtotal before Escalation			=	\$9,413.48	
	Estimated total of Direct Labor Salary Increase			=	\$200.58	Transfer to Page 1

NOTES:

- This assumes that an average of one half year will be worked at the rate on the cost proposal.

EXHIBIT 10-H1 COST PROPOSAL Page 3 of 3

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. [Title 23 United States Code Section 112](#) - Letting of Contracts
4. [48 Code of Federal Regulations Part 31](#) - Contract Cost Principles and Procedures
5. [23 Code of Federal Regulations Part 172](#) - Procurement, Management, and Administration of Engineering and Design Related Service
6. [48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board](#) (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement. Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

Prime Consultant or Subconsultant Certifying:

Name: Anthony G. Cinquini Title *: Chief Financial Officer

Signature :  Date of Certification (mm/dd/yyyy): 10/04/18

Email: tcinquini@cinquinipassarino.com Phone Number: (707) 542-6268

Address: 1360 No. Dutton Avenue, Suite 150, Santa Rosa, CA 95401

*An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

Land Surveying, RoW Research

Mr. Mark Reno
Quincy Engineering
11017 Cobblerock Drive, Suite 100
Rancho Cordova, California 95670

January 31, 2019

RE: Request to Amend Contract

- Bartlett Road over Bartlett Creek Bridge -BRLO-5914(092)
- Bartlett Road over Cache Creek Bridge -BRLO-5914(111)

Dear Mr. Reno:

Bender Rosenthal, Inc. (BRI) requests approval to add staff and classifications, modify current staff classifications, and adjust labor rates to provide right of way services for the above projects. The current 10-H form approved by Lake County lists the labor rates for the following classifications: ROW Specialist/PM at \$65.00 per hour, Appraiser at \$45.00 per hour, and Acquisition Agent at \$45.00 per hour. With better definition of the total ROW scope of both projects developed through the Preliminary Engineering phase, BRI has additional classifications to be added to the list in order to fully provide the services required. We request a contract amendment to add the following classifications, staff, and revisions to staff rates to the contract.

Classification	Staff	Hourly Base Rate
ROW Project Manager	Brenda Schimpf*	\$70.00
Acquisition Agent	Jeff Aldal	\$56.65
Project Coordinator	Rebekah Green	\$58.05
Admin II	Betsey Cline	\$28.35
ROW Specialist	Mike Lahodny	\$65.00
Appraiser	Dave Houghton	\$46.00
Researcher	Alysia Corey	\$25.00
Admin I	Tristina Williams	\$26.00

*Indicates Key Staff

The request to increase classification labor rates is due to salary escalations over the term of the contract. These escalations are based on 3% per year over 4 years. Our goal is to deliver these projects with the highest quality of product in the most cost-effective manner. The contract amendments will not increase the total not-to-exceed costs of the project. Please confirm that the changes and additions are acceptable to the County. If you have any questions, or require any additional information, please contact Brenda Schimpf at (916) 978-4900 extension, or b.schimpf@benderrosenthal.com.

Thank you for your consideration of this request.

Respectfully,
BENDER ROSENTHAL, INC.



David B. Wraa
President

EXHIBIT 10-H COST PROPOSAL Page 1 of 3
ACTUAL COST-PLUS-FIXED FEE OR LUMP SUM (FIRM FIXED PRICE) CONTRACTS
(DESIGN, ENGINEERING, AND ENVIRONMENTAL STUDIES)

Note: Mark-ups are Not Allowed

Consultant: Bender Rosenthal Inc. Prime Consultant Subconsultant 2nd Tier Subconsultant
Project No. Barlett Creek Bridge at Barlett Springs Rd (14C-0099) Contract No. TBD Date: 1/31/2019

Direct Labor

Classification/Title	Name	Hours	Actual Hourly Rate	Total
ROW Project Manager	Brenda Schimpf	8.0	\$70.00	\$560.00
Senior Acquisition Agent	Jeff Aldal	28.0	\$56.65	\$1,586.20
Senior Project Coordinator	Rebekah Green	8.0	\$58.05	\$464.40
Admin II	Betsy Cline	4.0	\$28.35	\$113.40
Appraiser	Dave Houghton	25.0	\$46.00	\$1,150.00
Researcher	Alysia Corey	5.0	\$25.00	\$125.00
Admin I	Tristina Williams	5.0	\$26.00	\$130.00
Senior ROW Specialist	Mike Lahodny	20.0	\$65.00	\$1,300.00
Total				\$5,429.00

LABOR COSTS

a) Subtotal Direct Labor Costs \$5,429.00
b) Anticipated Salary Increases _____
c) **TOTAL DIRECT LABOR COSTS [(a)+(b)]** \$5,429.00

INDIRECT COSTS

d) Fringe Benefits (Rate): 68.71% e) Total Fringe Benefits [(c) × (d)] \$3,730.27
f) Overhead (Rate): 10.63% g) Overhead [(c) × (f)] \$577.10
h) General and Administrative (Rate): 28.70% i) Gen & Admin [(c) × (h)] \$1,558.12
j) **TOTAL INDIRECT COSTS [(e)+(g)+(i)]** \$5,865.50

FIXED FEE k) **TOTAL FIXED PROFIT** 10%
k) [(c) + (j)] × Fixed Fee \$1,129.45

l) CONSULTANT'S OTHER DIRECT COSTS (ODC) - ITEMIZE (Add additional pages if necessary)

Description	Quantity	Unit	Unit Cost	Total
Travel/ Mileage	600	Mile	\$0.580	\$348.00
Shipping	4	Package	\$18.92	\$75.68
Preliminary Title Report	1	Report	\$750.00	\$750.00

l) **TOTAL OTHER DIRECT COSTS** \$1,173.68

m) **SUBCONSULTANT'S COSTS (add additional pages if necessary)**
Subconsultant 1: Sierra West Valuation, Inc. \$1,500.00
Subconsultant 2: _____
Subconsultant 3: _____
Tier Subconsultant 4: _____

m) **TOTAL 2nd TIER SUBCONSULTANT'S COSTS** \$1,500.00

n) **TOTAL OTHER DIRECT COSTS INCLUDING 2nd TIER SUBCONSULTANTS [(l) + (m)]** \$2,673.68

TOTAL COST [(c) + (j) + (k) + (n)] \$15,097.63

NOTES:

- Key Personnel must be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal Cost Principles. Subconsultants will provide their own cost proposals.
- The cost proposal format shall not be amended. Indirect cost rates shall be updated on an annual basis in accordance with the consultant's annual accounting period and established by a cognized agency or accepted by Caltrans.
- Anticipated salary increases calculation (page 2) must accompany.

EXHIBIT 10-H COST PROPOSAL Page 2 of 3
ACTUAL COST-PLUS-FIXED FEE OR LUMP SUM (FIRM FIXED PRICE) CONTRACTS
(CALCULATIONS FOR ANTICIPATED SALARY INCREASES)

1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)

Direct Labor <u>Subtotal</u> per Cost Proposal	Total Hours per Cost Proposal	=	Avg Hourly Rate	5 Year Contract Duration
\$5,429.00	103	=	\$52.71	Year 1 Avg Hourly Rate

2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)

	Avg Hourly Rate		Proposed Escalation			
Year 1	\$52.71	+	2.00%	=	\$53.76	Year 2 Avg Hourly Rate
Year 2	\$53.76	+	2.00%	=	\$54.84	Year 3 Avg Hourly Rate
Year 3	\$54.84	+	2.00%	=	\$55.93	Year 4 Avg Hourly Rate
Year 4	\$55.93	+	2.00%	=	\$57.05	Year 5 Avg Hourly Rate

3. Calculate estimated hours per year (Multiply estimate % each year by total hours)

	Estimated % Completed Each Year		Total Hours per Cost Proposal		Total Hours per Year	
Year 1	100.00%	*	103.0	=	103.0	Estimated Hours Year 1
Year 2		*	103.0	=		Estimated Hours Year 2
Year 3		*	103.0	=		Estimated Hours Year 3
Year 4		*	103.0	=		Estimated Hours Year 4
Year 5		*	103.0	=		Estimated Hours Year 5
Total	100%		Total	=	103.0	

4. Calculate Total Costs including Escalation (Multiply Average Hourly Rate by the number of hours)

	Avg Hourly Rate (calculated above)		Estimated hours (calculated above)		Cost per Year	
Year 1	\$52.71	*	103.0	=	\$5,429.00	Estimated Hours Year 1
Year 2	\$53.76	*		=		Estimated Hours Year 2
Year 3	\$54.84	*		=		Estimated Hours Year 3
Year 4	\$55.93	*		=		Estimated Hours Year 4
Year 5	\$57.05	*		=		Estimated Hours Year 5
	Total Direct Labor Cost with Escalation			=	\$5,429.00	
	Direct Labor Subtotal before Escalation			=	\$5,429.00	
	Estimated total of Direct Labor Salary Increase			=		Transfer to Page 1

NOTES:

- This is not the only way to estimate salary increases. Other methods will be accepted if they clearly indicate the % increase, the # of years of the contract, and a breakdown of the labor to be performed each year.
- An estimation that is based on direct labor multiplied by salary increase % multiplied by the # of years is not acceptable. (i.e. \$250,000 x 2% x 5 yrs = \$25,000 is not an acceptable methodology)
- This assumes that one year will be worked at the rate on the cost proposal before salary increases are granted.

EXHIBIT 10-H1 COST PROPOSAL Page 3 of 3

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. Title 23 United States Code Section 112 - Letting of Contracts
4. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
5. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
6. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

Prime Consultant or Subconsultant Certifying:

Name: Brenda Schimpf Title*: Vice President

Signature:  Date of Certification (mm/dd/yyyy): 1/31/2019

Email: b.schimpf@benderrosenthal.com Phone Number: (916) 978-4900

Address: 2825 Watt Avenue, Suite 200, Sacramento, CA 95821

*An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

ROW Project Management, ROW Planning/Cost Estimte, Appraisal, Appraisal Review, Acquisition Services, Escrow Right of Way Certification
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February 6, 2019

Fred Pezeshk, Project Manager
County of Lake
Department of Public Works
255 N. Forbes Street Lakeport, CA 95453

**Re: Professional Engineering & Project Delivery Services for
Bartlett Springs Road at Cache Creek Bridge Preventive Maintenance Project
Federal Project No. BRLO-5914(092) Amendment 1 Request [Rev. 2]**

Dear Mr. Pezeshk:

This document is a summary of the various additional levels of effort that have been discussed with the County and that are required for the completion of this project. This proposed amendment includes the following tasks which correspond to the original contract task numbers. The amounts listed below reflect the total additional amounts requested, this can be accomplished through both task budget reallocation and budget augmentation as outlined below. In addition to task budget augmentation and reallocations, this amendment request also includes a request for staff substitutions by the team's ROW specialist, Bender Rosenthal, Inc.

<u>Summary by Task</u>	<u>Additional Amount Requested</u>
Task 2.1 - Project Management	\$2,216.68
Task 4.2 - NEPA/CEQA Technical Studies	\$8,220.80
Task 4.4 - Initial Site Assessment	\$9,823.09
Task 7.1 - Right-of-Way Surveying	\$2,378.18
Task 7.2 - Right-of-Way Appraisals	\$2,449.95
Task 90 - Other Direct Costs (Quincy)	\$17.29
Quincy Fixed Fee	\$725.70
Total Additional Work Budget	\$25,831.68
Budget Reallocation (Shift Remaining Task Budgets*)	(-\$17,831.68)
Total Amendment Request	\$8,000.00

*Budget reallocations include \$8,819.78 from Bender Rosenthal Inc to Crawford and Associates, \$1,977.85 from Bender Rosenthal Inc to Quincy Engineering, \$5,664.23 from Gallaway Enterprises to Gallaway Enterprises, and \$1,369.82 from Gallaway to Quincy Engineering.



BUDGET AUGMENTATIONS & REALLOCATIONS

Task 2.1 – Project Management

Quincy requests additional Project Management budget for providing coordination and project delivery services between the Quincy team, project subconsultants, County staff, and Caltrans reviewers based on the additional engineering and project delivery services described in the following tasks. Significant efforts are required to perform an additional environmental study for the project in the Section 4(f) evaluation and compliance, revising the Natural Environment Study, and additional Hazardous Materials sampling and testing required by Caltrans in order to conditionally approve the NEPA Initial Site Assessment. These tasks will require additional hours of tracking, scheduling, and management to complete under Task 2.1 Project Management.

The budget requested for Quincy for this task will come from a combination of reallocation and augmentation. A portion of the budget requested for this task will come from budget reallocated from the subconsultant Bender Rosenthal due to a reduction in the project's right-of-way services needs. Bender Rosenthal has agreed to the proposed task budget reallocation. LAPM 10H forms are included in this amendment to indicate acceptance of the proposed budget reallocation by Bender Rosenthal resulting in a reduction of BRI's budget from \$15,097.63 to \$4,300.00.

Task 4.2 – NEPA/CEQA Technical Studies

Section 4(f) Compliance

During the Preliminary Engineering phase, it was determined that part or all of the project's planned staging area would be public lands owned by the State of California (APN 016-018-080) or under the jurisdiction of the Yolo County Flood Control and Water Conservation District (YCFCWCD) (APN 016-019-030). This is a benefit to the project as both agencies have not objected to the use of their lands as temporary construction staging areas. The YCFCWCD has been supportive of the project and has agreed to issue the County a Permit-to-Enter for a minimal application fee.

Since this federally funded transportation project will utilize public lands, compliance with Section 4(f) of the US Department of Transportation Act of 1966 is required. This law prohibits DOT agencies from using land from publicly owned parks, recreation areas, wildlife and water fowl refuges, or historic sites without an analysis that considers impacts and feasible and prudent alternatives.

The project qualifies for a Temporary Occupancy use categorization under Section 4(f). This is a streamlined analysis conditional approval for projects that impose a minimal threshold of impacts including:

- The land use is of short duration (only the time needed to construct the project)
- There is no change in ownership of the land
- The scope of work for the project is "minor"
- There are no adverse changes to the activities, features, or attributes of the property
- The property will be restored to a condition at least as good as prior to the project



- There is documented agreement from the officials with jurisdiction over the property.

To provide compliance for Section 4(f), Quincy and Gallaway will prepare a Section 4(f) Temporary Occupancy Memo. The memo will document that the project meets the criteria listed above. Quincy and Gallaway will provide the Temporary Occupancy Memo to the County for submittal to Caltrans. Caltrans will use the memo as the basis for a concurrence letters sent to the State of California and YCFCWCD. The agency representing FHWA for the project, it is the responsibility of Caltrans to acquire and document concurrence from the agencies with jurisdiction over Section 4(f) properties.

NEPA Validation / Natural Environment Study

Caltrans environmental staff visited the project site after the project had achieved NEPA clearance through a Categorical Exclusion (CE). During the site visit, Caltrans biologist noted bat vocalizations from the existing bridge and guano below one abutment that indicates bats may be using the existing bridge for both day and night roosting, including possibly as a maternity roost. The current Natural Environment Study (NES) used in the NEPA CE assessed the existing bridge to be poor bat roosting habitat. Caltrans staff would like revisions to the current NES to address the presence of bats including discussion on items such as work windows and exclusion devices as part of a NEPA re-validation process. Caltrans staff also noted cliff swallow nests on the bridge although swallows were not observed, and nests were not confirmed to be active. Caltrans would like bird exclusion addressed in the NES revisions.

To provide facilitate the NEPA revalidation, Quincy and Gallaway will revise the current NES to address the possible presence of unknown bat species and cliff swallows. The draft revisions will be provided to the County and Caltrans for review and comment. After addressing comments on the draft revisions, the revised NES will be finalized for the County's transmittal to Caltrans.

The budget requested for Quincy and Gallaway for this task will come from a combination of reallocation and augmentation. The entirety of budget for Gallaway will be reallocated from Gallaway's Task 6.1 "Permits" and a due to a reduction in the project's construction permitting needs. Gallaway has agreed to the proposed task budget reallocation. LAPM 10H forms are included in this amendment to indicate acceptance of the proposed budget reallocation by Gallaway. The proposed reallocation will result in a reduction of Gallaway's budget from \$11,217.49 to \$4,084.08 for Task 6.1 and an increase of \$5,664.23 to Gallaway for this task.

Task 4.4 – Initial Site Assessment

Supplemental Hazardous Materials Testing

As part of the Initial Site Assessment review and acceptance process, Caltrans requested further hazardous materials site testing to characterize and define the extent and level of possible lead presence at the project site. This information will be used to develop the project specifications guiding the project Contractor on appropriate handling and disposal of hazardous materials.



Crawford and Associates will collect soil samples for lead analysis at 42 individual locations to evaluate the lateral and vertical extent of lead impact due to paint from the bridge, and to evaluate the total work area for lead concentrations. At each location soil samples will be collected from 0 to 6", and from 12" to 18" below ground surface (bgs). Samples will be collected using hand excavation and sampling equipment.

Supplemental analytical testing will be conducted to evaluate if offsite disposal is necessary. Allowance is made for total lead and soluble lead using WET extraction with citric acid extraction (CaWET testing). Proposed analytical testing will include:

- All samples (42 total) will be tested for total lead by EPA method 6010, using metals extraction by EPA method 3050A.
- The 95% Upper Confidence Level (UCL) will be calculated for the mean total lead samples and, if this number exceeds 1000 mg/kg, samples will be tested for soluble lead using the toxicity characteristic leaching procedure (TCLP) extraction method. If the 95% UCL on the mean for total lead is less than 1000 mg/kg, samples will be tested for soluble lead using the waste extraction test (WET) extraction method with citric acid extractant (CaWET).
- The number of soluble lead tests will be dependent on initial total lead results. For budgeting purposes, allowance has been made for 30% of the samples (13) will be analyzed for soluble lead.
- pH analyses will be performed on six samples (three from the upper sampling interval, three from the lower sampling interval).

Following the field and laboratory programs and data analyses, a single draft report for the assessment will be prepared for review and approval. The report will present Crawford's technical approach, sample locations, copies of the analytical laboratory reports, tabular summary of the laboratory results, statistical analyses results (if needed), and Crawford's opinion as to classification of soil under State and Federal hazardous waste criteria. A final report will then be prepared incorporating review comments, if any. This approach, including the specific number and location of samples for testing was confirmed as a project requirement by Caltrans Local Assistance through email on January 14, 2019.

The budget requested for Quincy and Crawford for this task will come from a combination of reallocation and augmentation. The entirety of this requested budget for Crawford will come from budget reallocated from the subconsultant Bender Rosenthal due to a reduction in the project's right-of-way services needs. Bender Rosenthal has agreed to the proposed task budget reallocation. LAPM 10H forms are included in this amendment to indicate acceptance of the proposed budget reallocation by Bender Rosenthal resulting in a reduction of BRI's budget from \$15,097.63 to \$4,300.00.



Task 6.1 – Environmental Permits

Based on the project's bridge painting scope and construction methods, the project will not have a direct effect on jurisdictional waters under the regulation of the US Army Corps Engineers (USACE) or the California Department of Fish and Wildlife (CDFW). A Section 404 permit from the USACE will not be required as there will no dredging or filling within a Water of the United States. Since a Section 404 USACE permit is not required, the project is also exempt from a Section 401 Clean Water Act Certification.

However, the Regional Water Quality Control Board also regulates waste discharge permits under state water quality regulations and CDFW regulates activities within the bed, bank, and channel of any inland water. In the past, this regulatory authority has also included activities occurring on bridges over state waters. Caltrans has provided guidance that past bridge painting projects have been required to obtain waste discharge permits from the regional Board and provide Notification to CDFW pursuant to Section 1600 of the Fish and Game Code.

Gallaway Enterprises will prepare a full 1600 Agreement notification package for CDFW in order to receive concurrence that an Agreement is not required. Upon submission of the Agreement notification, Gallaway Enterprises may conduct a site visit with CDFW to assure that all desired information is included within the submittal. The application cannot be submitted until the CEQA documentation and Notice of Determination has been filed with the California Office of Planning and Research State Clearinghouse. The County will be responsible for furnishing for the appropriate fee required for submission of the Notification package to CDFW

Gallaway Enterprises will also prepare a Waste Discharge Requirement (WDR) application for coverage under the State Water Resources Control Board Water Quality Order No. 2004-004-DWQ. The submittal will include the WDR application form, the RWQCB fee calculator, a copy of the project plans and draft delineation of waters of the U.S., and CEQA Compliance/Notice of Determination. The County will be responsible for furnishing the CEQA document to be included as an attachment.

Both applications will be developed in a draft form for County review and comment. Quincy and Gallaway will address all County comments to produce a final application packages.

This approach to obtain all required construction permits for the project was confirmed by Caltrans Local Assistance through email on January 14, 2019.

The entirety of budget requested for Gallaway for this task will come from Gallaway's existing Task 6.1 "Permits" budget. Due to a reduction in the project's construction permitting needs, the remainder of the budget for this task will be reallocated. Gallaway has agreed to the proposed task budget reallocation. LAPM 10H forms are included in this amendment to indicate acceptance of the proposed budget reallocation by Gallaway. The proposed reallocation will result in a reduction of Gallaway's budget from \$11,217.49 to \$4,084.08 for this task.



Task 7.1 – Surveying (ROW)

Property Boundary resolution and Right-of-Way exhibit

The majority of the project is contained within a recorded Lake County easement with access and maintenance activity rights. A portion of the construction staging area will use either State of California Lands or YCFCWCD lands. YCFCWCD has already agreed to allow the project to use their lands under a standardized Permit-to-Enter application.

ROW Surveying is required to verify the existing property rights boundaries in relation to the proposed project. Cinquini & Passarino will search for and survey locate found monuments shown on the existing Record of Survey in Book 41 of Record of Surveys (Pages 30 and 31), Lake County Records. Cinquini & Passarino will locate the existing bridge in relation to the parcel property lines to facilitate the preparation of a right-of-way exhibit required for coordination with YCFCWCD. Cinquini & Passarino's work includes:

- Office calculations to facilitate monument searches
- Acquisition of government notes for the subject sectionalized lands
- Boundary ties to locate existing monuments which reference section lines
- Preparation of a right-of-way exhibit depicting the temporary construction staging area
- Survey map to horizontally relate California System of 1983, Zone II
- Delivery of a sealed Right-of-Way Exhibit Map.

The budget requested for Quincy and Cinquini for this task will come from a combination of reallocation and augmentation. The entirety of budget requested for Cinquini and Passarino for this task will come from existing budget reallocated from Cinquini's Task 7.1 "Surveying (ROW)". There will be no change to the overall not-to-exceed-amount \$18,874.18 for Cinquini & Passarino.

Task 7.2 – Right-of-Way Appraisals

Permit to Enter Agreement

Since the initiation of the project, it has been determined that the project will be constructed within an existing County easement with a staging area on State of California Lands or YCFCWCD lands. YCFCWCD has already agreed to allow the project to use their lands under a standardized Permit-to-Enter application. This will greatly reduce the level of effort required for property appraisal and acquisition for the project. Bender Rosenthal will still support the ROW phase of the project by reviewing the Permit-to-Enter agreement from YCFCWCD, suggesting edits, and assisting the County with processing the agreement.

The budget requested for Quincy and Bender Rosenthal for this task will come from a combination of reallocation and augmentation. The entirety of budget requested for BRI for this task will come from BRI existing Task 6.1 "Permits" budget. Due to a reduction in the project's ROW services needs, the remainder of the budget for this task will be reallocated. BRI has agreed to the proposed task budget reallocation. LAPM 10H forms are included in this amendment to indicate acceptance of the proposed budget reallocation by BRI. The proposed reallocation will result in a reduction of BRI's budget from \$15,097.63 to \$4,300.00. In addition to reducing the overall budget for this task, BRI requests adding several staff, revising staff classifications, and updating staff labor rates to



reflect cost escalation since project initiation. A letter from BRI detailing this request is included as an attachment for the County's consideration and approval.

In Summary

This amendment represents additional level of effort required to complete this project. The proposed Amendment amount is arrived at if the budget re-allocation of underbudget tasks is allowed. This re-allocated amount is subtracted from the overall additional work total and results in the proposed contract amendment amount requested. The appropriate LAPM Exhibit 10h documents from Quincy and its subconsultant are enclosed for use in Amendment 1 of this Agreement along with a tracking table identifying budget augmentations and re-allocations. We are very sensitive to budgetary constraints facing public agencies and have attempted to conserve budget wherever possible.

If you have any questions or comments on this proposed addendum, please me at (916) 368-9181.

Sincerely,
Quincy Engineering, Inc.
Mark L. Reno, P.E.
Project Manager

Attachments:

- Cost Proposal - Budget Summary
- Cost Proposal - Hours Summary
- Task Budget Reallocation
- Contract Budget Summary
- Quincy Engineering Exhibit 10-H1
- Gallaway Enterprises Exhibit 10-H1
- Crawford & Associates Exhibit 10-H1
- Cinquini & Passarino Exhibit 10-H1
- Bender Rosenthal Inc. Exhibit 10-H1
- Staff Substitution, Classification Revision, and Labor Rate Request Letter from BRI

Cost Proposal: Summary

Cache Creek Bridge Project (14C-0107) - Amendment #1

BUDGET AUGMENTATIONS - only affected contract tasks shown

Date: 2/4/2019

Quincy Engineering, Inc.

Direct Labor:	\$4,018.60
Estimated Salary Increases for Multi-Year Project	\$0.00
Subtotal	\$4,018.60
Overhead (1.6389):	\$6,586.08
A. Labor Subtotal	\$10,604.68

Subconsultant Costs:

Gallaway Enterprises	\$5,664.23
Crawford & Associates	\$8,819.78
Cinquini & Passarino	\$0.00
Bender Rosenthal	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
B. Subconsultant Subtotal	\$14,484.01

Other Direct Costs:

Travel (@ active IRS mileage rate)	0 miles @	\$0.545	\$0.00
Pier Diem/ Hotel	0 days @	\$150.00	\$0.00
Delivery	0 @	\$20.00	\$0.00
<i>Vendor Reproduction</i>			
Vellum	@	\$0.00	\$0.00
8 1/2 X 11 Reproduction	@	\$0.00	\$0.00
11 X 17 Reproduction	@	\$0.00	\$0.00
Mounting Boards for Presentations	@	\$0.00	\$0.00
Newsletters (Translation and printing)	@	\$0.00	\$0.00
<i>Subtotal Vendor Reproduction</i>			\$0.00
Title Report	@		\$0.00
Miscellaneous			\$17.29
C. Other Direct Cost Subtotal:			\$17.29

Labor Subtotal A. =	\$10,604.68
Fixed Fee	\$725.70
Subconsultant Subtotal B. =	\$14,484.01
Fixed Fee (0.0%):	\$0.00
Other Direct Cost Subtotal: C. =	\$17.29
Fixed Fee (0.0%):	\$0.00

TOTAL = **\$25,831.68**

Note: Invoices will be based upon actual QEI hourly rates plus overhead at 163.89% plus prorated portion of fixed fee. Subconsultant and Direct Costs will be billed at actual cost. The overhead rate (ICR) shall remain fixed for the contract duration or until both parties agree to modify the rate in writing.

Cost Proposal: Hours

Project Number: L01-601		Project Name: Cache Creek Bridge Project (14C-0107) - Amendment #1											Subcontractant									
No.	TASKS	Initial Hourly Rate	JF	MR	MK	GY	BM	PK	AM	CD	JCr	Quincy Total Hours	Quincy Total Labor Dollars	Quincy Labor Labor+OH Multiplier	Quincy Profit Fee Multiplier	Quincy NLF Budget Actual Labor Multiplier	Galloway Enterprises	Crawford & Associates	Cinquini & Passarino	Bender Rosenthal	Subtotal	
																						2.63389
BUDGET AUGMENTATIONS - only affected contract tasks shown																						
2.1	Project Management											0	0.00	0.00	0.00	0.00						\$0
2.1	Additional Proj. Management		10									10	840.00	2216.66	23.88	2240.56						\$0
4.1	NEPA/CEQA Technical Studies											0	0.00	0.00	0.00	0.00						\$0
	Section 4(f), NES Revisions				8							16	968.80	2556.57	118.67	2675.24	5664.23					\$5,664
4.4	Initial Site Assessment											0	0.00	0.00	0.00	0.00						\$0
	Hazardous Materials Studies			4								6	380.20	1003.31	100.33	1103.64	6236.64					\$6,237
6.1	Permits											0	0.00	0.00	0.00	0.00						\$0
	CDFW & RWQCB											0	0.00	0.00	0.00	0.00						\$0
7.1	ROW Surveying											0	0.00	0.00	0.00	0.00						\$0
	Boundary Surveys											16	901.20	2378.18	237.82	2615.99						\$0
7.2	Right of Way Appraisals											0	0.00	0.00	0.00	0.00						\$0
	Permit-to-Enter Agreement		2	8					4			14	928.40	2449.95	245.00	2694.95						\$0
												0	0.00	0.00	0.00	0.00						\$0
												0	0.00	0.00	0.00	0.00						\$0
												62	\$4,018.60	\$10,604.66	\$725.70	\$11,330.38						\$0
	Subtotal - Hours		0	12	24	0	0	0	26	0	0	62	\$4,018.60	\$10,604.66	\$725.70	\$11,330.38						\$0
	Estimated Salary Increases for Multi-Year Project												\$0.00	\$0.00	\$0.00	\$0.00						\$0
	Other Direct Costs															\$17.29						\$17.29
	Total Cost		\$0	\$1,008	\$1,656	\$0	\$0	\$0	\$1,355	\$0	\$0	\$4,019	\$4,019	\$10,605	\$726	\$-1,348	5,664.23	8,813.78	0.00	0.00	0.00	\$14,484



Task Budget Reallocation

Project Name: Cache Creek Bridge Project (14C-0107) - Amendment #1		Quincy Engineering, Inc.				Callaway Enterprises				Crawford				Cinquini & Passarino				Bender Rosenthal Inc			
TASKS	Task Budget	Task Reallocation	Task Amendment	Task Revised Budget	Task Budget	Task Reallocation	Task Amendment	Task Revised Budget	Task Budget	Task Reallocation	Task Amendment	Task Revised Budget	Task Budget	Task Reallocation	Task Revised Budget	Task Budget	Task Reallocation	Task Revised Budget			
AUGMENTATION & RE-ALLOCATIONS																					
2 Project Management	\$7,168.10	\$1,977.65	\$238.83	\$9,384.78																	
2.1 Additional Project Management		See Note 1																			
4.2 NEPA/CEQA Technical Studies	\$6,555.94	\$1,369.82	\$1,186.75	\$9,112.51	\$10,641.70	\$5,664.23	\$0.00	\$16,305.93													
4.2 Section 4(f), NES Revisions		See Note 2				See Note 2															
4.4 Initial Site Assessment	\$0.00	\$0.00	\$1,003.31	\$1,003.31					\$7,190.24	\$6,236.64	\$0.00	\$13,426.88									
4.4 Hazardous Materials Studies										See Note 1											
6.1 Permits					\$11,217.49	(\$7,032.29)	\$0.00	\$4,084.08													
6.1 CDFW & RMVQCS Con Permits						See Note 2															
7.1 Right-of-Way Surveying	\$0.00	\$0.00	\$2,378.18	\$2,378.18																	
7.1 Boundary Surveys																					
7.2 Right-of-Way Appraisals	\$1,220.35	\$0.00	\$2,449.95	\$3,670.30																	
7.2 Permit-to-Enter Agreement													\$18,574.18	(\$92.16)	\$18,482.02	\$10,947.63	(\$6,892.73)	\$4,054.90			
90 Other Direct Costs	\$52.26	\$0.00	\$17.29	\$69.55	\$31.00	(\$1.76)	\$0.00	\$329.24	\$2,550.00	\$2,593.14	\$0.00	\$5,135.14	\$300.00	\$92.16	\$392.16	\$4,150.00	(\$3,904.90)	\$245.10			
						See Note 2				See Note 1				See Note 3			See Note 1				
																	See Note 3				
Quincy Fixed Fee for Above Tasks	\$1,842.73	\$0.00	\$725.70	\$2,568.43																	

Notes:

- A proposed amount of \$10,797.63 is being reallocated from Bender Rosenthal Tasks 7.2 & Bender Rosenthal ODCs due to reduced effort required in ROW Appraisal scope. Of this amount, \$6236.64 is being reallocated to Crawford & Associates Task 4.4 for Hazardous Materials Testing, \$2563.14 is being allocated to Crawford & Associates ODCs for work related to Hazardous Materials Testing and the remaining \$1977.65 is being allocated to Quincy Engineering Task 2.1.
- A proposed amount of \$7032.29 is being reallocated from Callaway Enterprises Task 6.1 Permitting and \$1.76 Callaway ODC budget due reduction in Project permitting requirements. Of this amount, \$5664.23 is being reallocated to Callaway Task 4.2 for additional environmental clearance work including Section 4(f) compliance and Caltrans required revisions to the Natural Environmental Study. The remaining \$1369.82 is being reallocated to Quincy Engineering Task 4.2 for additional work required by Caltrans for completion of these NEPA/CEQA Technical Studies.
- A proposed amount of \$92.16 is being reallocated from Cinquini & Passarino ODCs. The scope for Right-of-Way Survey work has changed slightly, but no changes are proposed for the total not-to-exceed amount of Cinquini & Passarino's budget.
- No proposed Quincy Fixed Fee is included on the amount of budget re-allocated from subconsultants totaling \$3374.10. Quincy Fixed Fee included only on the budget for additional scope of services beyond the surplus budget available for re-allocation from subs. Additional scope of services are necessary by project requirements outside the control of both Quincy and the County (ie Callaway requests for revisions on the previously accepted Natural Environment Study).



Contract Budget Summary

Project Number: L01-601	Project Name: Bartlett Creek Bridge Project (14C-0099) - Amendment #1 - Revised Contract Amounts		
	Current, Existing Contract Budget	Proposed Budget Revision due to Amendment	Proposed Contract Budget due to Amendment
Consultant (including ODCs)			
Quincy Engineering	\$140,843.89	\$11,347.67	\$152,191.56
Galloway Enterprises	\$28,525.14	(\$1,369.82)	\$27,155.32
Genesis Society	\$6,198.96	no changes	\$6,198.96
Crawford & Associates	\$9,120.58	\$8,818.78	\$17,940.36
Cinquini & Passarino	\$18,874.18	no changes	\$18,874.18
Bender Rosenthal, Inc	\$15,097.63	(\$10,797.63)	\$4,300.00

EXHIBIT 10-H1 COST PROPOSAL
ACTUAL COST-PLUS-FIXED FEE CONTRACTS
 (CALCULATIONS FOR ANTICIPATED SALARY INCREASES)

Consultant Quincy Engineering, Inc. Contract No. 0 Date 2/4/2019
 Cache Creek Bridge Project (14C-0107) - Amendment #1

1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)

Direct Labor <u>Subtotal</u> per Cost Proposal	Total Hours per Cost Proposal	=	Avg Hourly Rate	5 Year Contract Duration
\$ 4,018.60	62	=	\$64.82	Year 1 Avg Hourly Rate

2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)

	Proposed Escalation =	5.0%		
	Avg Hourly Rate	Proposed Escalation	=	
Year 1	\$64.82	+ 2.5%	=	\$66.44 Year 1 Avg Hourly Rate
Year 2	\$66.44	+ 5.0%	=	\$69.76 Year 2 Avg Hourly Rate
Year 3	\$69.76	+ 5.0%	=	\$73.25 Year 3 Avg Hourly Rate
Year 4	\$73.25	+ 5.0%	=	\$76.91 Year 4 Avg Hourly Rate
Year 5	\$76.91	+ 5.0%	=	\$80.76 Year 5 Avg Hourly Rate

3. Calculate estimated hours per year (Multiply estimate % each year by total hours)

	Estimated % Completed Each Year	*	Total Hours per Cost Proposal	=	Total Hours per Year	
Year 1	100.00%	*	62.0	=	62.0	Estimated Hours Year 1
Year 2	0.00%	*	62.0	=	0.0	Estimated Hours Year 2
Year 3	0.00%	*	62.0	=	0.0	Estimated Hours Year 3
Year 4	0.00%	*	62.0	=	0.0	Estimated Hours Year 4
Year 5	0.00%	*	62.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	62.0	

4. Calculate Total Costs including Escalation (Multiply Average Hourly Rate by the number of hours)

	Avg Hourly Rate (calculated above)	*	Estimated hours (calculated above)	=	Cost per Year	
Year 1	\$64.82	*	62	=	\$4,018.60	Estimated Hours Year 1
Year 2	\$66.44	*	0	=	\$0.00	Estimated Hours Year 2
Year 3	\$69.76	*	0	=	\$0.00	Estimated Hours Year 3
Year 4	\$73.25	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$76.91	*	0	=	\$0.00	Estimated Hours Year 5
	Total Direct Labor Cost with Escalation			=	\$4,018.60	
	Direct Labor Subtotal before Escalation			=	\$4,018.60	
	Estimated total of Direct Labor Salary Increase			=	\$0.00	Transfer to Page 1

NOTES:

- This assumes that an average of one half year will be worked at the rate on the cost proposal.

EXHIBIT 10-H1 COST PROPOSAL Page 3 of 3

Certification of Direct Costs:


I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. Title 23 United States Code Section 112 - Letting of Contracts
4. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
5. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
6. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement. Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

Prime Consultant or Subconsultant Certifying:

Name: John S. Quincy Title *: President

Signature :  Date of Certification (mm/dd/yyyy): 9/17/18

Email: johnq@quincyeng.com Phone Number: 916-368-9181

Address: 11017 Cobblerock Drive, Rancho Cordova, CA 95670

*An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

Project Management, engineering design for roadway and bridge, PS&E,

COST PROPOSAL

Consultant Galloway Enterprises, Inc.
 Project Cache Creek Bridge at Bartlett Springs Road, 14C-0107, BRLO-5914(092) Date 31-Jan-19

DIRECT LABOR

Classification	Name	Hours	Actual Hourly Rate	Total
Manager/Sr. Biologist	Jody Galloway	75.0 @	\$ 45.00	3,375.00
Biologist	Melissa Murphy	192.0 @	\$ 30.00	5,760.00
GIS Analyst	Cate Davis	76.0 @	\$ 25.00	1,900.00

LABOR COSTS

a) Subtotal Direct Labor Costs	\$ 11,035.00
b) Anticipated Salary Increases	\$ 0.00

Total Direct Labor Costs \$ 11,035.00

INDIRECT COSTS

Fringe Benefits	Rate: 34.00%	Total: \$ 3,751.90
Overhead/General and Administrative	Rate: 87.00%	Total: \$ 9,600.45
Total Indirect Costs		\$ 13,352.35

FIXED FEE @ 10%

\$ 2,438.74

CONSULTANTS DIRECT COST

Description	Quantity	Unit	Unit Cost	Total
Travel	356.40	1	\$ 0.545	\$ 194.24
Reporting/Mapping	9	1	\$ 15.000	\$ 135.00
Total Direct Costs				\$ 329.24

SUBCONSULTANTS COSTS

Subconsultant 1	\$ 0.00
Subconsultant 2	\$ 0.00
Total Subconsultants Costs	\$ -

Total other Direct Costs Including Subconsultants \$ 329.24

TOTAL COSTS

\$ 27,155.32

1. Key personal must be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
- 2) The cost proposal format shall not be amended. Indirect cost rates shall be updated on an annual basis in accordance with the consultants's annual accounting period and established by a cognizant agency or accepted by Caltrans.
- 3) Anticipated salary increases calculation (page 2) must accompany.

10-H1 Cost Proposal: Anticipated Salary Increases (page 2 of 3)

1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)

Direct Labor Subtotal per Cost Proposal	Total Hours per Cost Proposal	Avg Hourly Rate	4 Year Contract Duration
\$ <u>11,035.00</u>	<u>343</u>	\$ <u>32.17</u>	

2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)

	Avg Hourly Rate	Proposed Escalation		
Year 1	\$ <u>32.17</u>	3%	\$ <u>33.14</u>	Year 2 Avg Hourly Rate
Year 2	\$ <u>33.14</u>	3%	\$ <u>34.13</u>	Year 3 Avg Hourly Rate
Year 3	\$ <u>34.13</u>	3%	\$ <u>35.16</u>	Year 4 Avg Hourly Rate

3. Calculate estimated hours per year (Multiply estimate % each year by total hours)

	Estimated % Completed Each Year		Total Hours per Cost Proposal	Total Hours Per Year
Year 1	100	x	343	343 Est. Hours Year 1
Year 2	0	x	343	0 Est. Hours Year 2
Year 3	0	x	343	0 Est. Hours Year 3
Year 4	0	x	343	0 Est. Hours Year 4
Total	100%		Total	343

4. Calculate Total Costs including Escalation (Multiply Average Hourly rate by the number of hours)

	Avg Hourly Rate	Estimated Hours	Cost per Year	
Year 1	\$ <u>32.17</u>	x 343	\$ <u>11,035.00</u>	Est. Hours Year 1
Year 2	\$ <u>33.14</u>	x 0	\$ <u>-</u>	Est. Hours Year 2
Year 3	\$ <u>34.13</u>	x 0	\$ <u>-</u>	Est. Hours Year 3
Year 4	\$ <u>35.16</u>	x 0	\$ <u>-</u>	Est. Hours Year 4
Total Direct Labor Cost with Escalation			\$ 11,035.00	
Direct Labor Subtotal before Escalation			\$ 11,035.00	
Estimated Total of Direct Labor Salary				Transfer to page 1
	Increase		\$ 0.00	

EXHIBIT 10-H1 COST PROPOSAL Page 3 of 3


Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. Title 23 United States Code Section 112 - Letting of Contracts
4. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
5. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
6. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement. Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

Prime Consultant or Subconsultant Certifying:

Name: Kevin Sevier Title *: Vice President
 Signature :  Date of Certification (mm/dd/yyyy): 1/31/2019
 Email: kevin@gallawayenterprises.com Phone Number: 530-332-9909
 Address: 117 Meyers Street Suite 120, Chico CA 95928

*An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

<p>Environmental Consulting</p>

Name **Crawford & Associates, Inc.**

Cache Creek Bridge at Bartlett Springs Road, 14C-0107

PROJECT: _____

Date 2/4/2019

DIRECT LABOR

Classification/Title	Name	Hours	Actual Hourly Rate	Total
Principal	Richard Sowers	6.00	\$ 55.00	\$ 330.00
Project Manager (Geotech)	Eric Nichols	5.00	\$ 50.48	\$ 252.40
Project Manager (Env)	S. Carter	20.00	\$ 45.25	\$ 905.00
Senior Engineer/Geologist	David Castro	24.00	\$ 35.00	\$ 840.00
Project Eng/Geo II	J. Wright	24.00	\$ 29.81	\$ 715.44
Project Eng/Geo I	R. Houghton	4.00	\$ 26.50	\$ 106.00
Project Eng/Geo II	S. Leyva	16.00	\$ 25.96	\$ 415.36
Senior Technician	S. Walker	10.00	\$ 42.00	\$ 420.00
Drafter	S. Crawford	6.00	\$ 35.00	\$ 210.00
Drafter	H. Wagenman	2.00	\$ 23.00	\$ 46.00
Drafter	K. Lewis	4.00	\$ 22.50	\$ 90.00
Project Assistant	D. Isom	4.00	\$ 20.00	\$ 80.00

LABOR COSTS

a) Subtotal Direct Labor Costs	\$ 4,410.20
b) Anticipated Salary Increases (see page 2 for calculation)	\$ -
c) TOTAL DIRECT LABOR COSTS [(a) + (b)]	\$ 4,410.20

INDIRECT COSTS

d) Fringe Benefits (Rate: <u>29%</u>)	e) Total Fringe Benefits [(c) x (d)]	1278.96
f) Overhead & G&A (Rate: <u>130%</u>)	g) Overhead [(c) x (f)]	5733.26
h) General & Admin (Rate: <u>5%</u>)	i) Gen & Admin [(c) x (h)]	220.51
	j) TOTAL INDIRECT COSTS [(e) + (g) + (i)]	\$ 7,232.73

FIXED FEE	k) TOTAL FIXED FEE [(c) + (j)] x fixed fee: 10%	\$ 1,164.29
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l) CONSULTANT'S OTHER DIRECT COSTS (ODC) - ITEMIZE (Add additional pages if necessary)

Description of Item	Units	Unit Cost	Total
Task 4.3 - NESHAP Compliance			
Naturally Occuring Asbestos Analytical Tests	1.00	\$ 250.00	\$ 250.00
Certified Asbestos Consultant (NESHAP Compliance)	1.00	\$ 850.00	\$ 850.00
Task 4.4 - Initial Site Assessment			
Environmental Data Report	1.00	\$ 500.00	\$ 500.00
Analytical Testing (8 Total Lead, 4 CA-WET Lead)	1.00	\$ 800.00	\$ 800.00
Professional Expenses (CAI Field Engineer/Geologist)	1.00	\$ 150.00	\$ 150.00
Supplemental Environmental Services (Lead Testing)			
Mileage	300.00	\$ 0.545	\$ 163.50
Total Lead Test	42.00	\$ 25.00	\$ 1,050.00
Soluable Lead Test	13.00	\$ 60.00	\$ 780.00
pH Test	6.00	\$ 15.00	\$ 90.00
Field Expenses/Supplies	1.00	\$ 499.64	\$ 499.64

l) TOTAL OTHER DIRECT COSTS \$ 5,133.14

n) TOTAL OTHER DIRECT COSTS INCLUDING SUBCONSULTANTS [(l) + (m)] \$ 5,133.14

TOTAL COST [(c) + (j) + (k) + (n)] \$ 17,940.36

NOTES:

- Key personnel must be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal cost principles. Subconsultants will provide their own cost proposals.
- The cost proposal format shall not be amended. Indirect cost rates shall be updated on an annual basis in accordance with the consultant's annual accounting period and established by a cognizant agency or accepted by Caltrans.
- Anticipated salary increases calculation (page 2) must accompany.

CALCULATIONS FOR ANTICIPATED SALARY INCREASES

Consultant Crawford & Associates, Inc.

Project No. 0 Contract No. 0

Date 2/4/2019

1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)

Direct Labor Subtotal per Cost Proposal	Total Hours per Cost Proposal	=	Avg Hourly Rate	5 Year Contract Duration
\$ 4,410.20	125	=	\$ 35.28	Year 1 Avg Hourly Rate

2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)

	Avg Hourly Rate		Proposed Escalation	=	Avg Hourly Rate	
Year 1	\$ 35.28	+	2.5%	=	\$ 36.16	Year 2 Avg Hourly Rate
Year 2	\$ 36.16	+	2.5%	=	\$ 37.07	Year 3 Avg Hourly Rate
Year 3	\$ 37.07	+	2.5%	=	\$ 37.99	Year 4 Avg Hourly Rate
Year 4	\$ 37.99	+	2.5%	=	\$ 38.94	Year 5 Avg Hourly Rate

3. Calculate estimated hours per year (Multiply estimate % each year by total hours)

	Estimated % Completed Each Year		Total Hours per Cost Proposal	=	Total Hours per Year	
Year 1	100.00%	*	125.0	=	125.0	Estimated Hours Year 1
Year 2	0.00%	*	125.0	=	0.0	Estimated Hours Year 2
Year 3	0.00%	*	125.0	=	0.0	Estimated Hours Year 3
Year 4	0.00%	*	125.0	=	0.0	Estimated Hours Year 4
Year 5	0.00%	*	125.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	125.0	

4. Calculate Total Costs including Escalation (Multiply Average Hourly Rate by the number of hours)

	Avg Hourly Rate (calculated above)		Estimated hours (calculated above)	=	Cost per Year	
Year 1	\$ 35.28	*	125	=	\$ 4,410.20	Estimated Hours Year 1
Year 2	\$ 36.16	*	0	=	\$ -	Estimated Hours Year 2
Year 3	\$ 37.07	*	0	=	\$ -	Estimated Hours Year 3
Year 4	\$ 37.99	*	0	=	\$ -	Estimated Hours Year 4
Year 5	\$ 54.12	*	0	=	\$ -	Estimated Hours Year 5
Total Direct Labor Cost with Escalation				=	\$ 4,410.20	
Direct Labor Subtotal before Escalation				=	\$ 4,410.20	
Estimated total of Direct Labor Salary Increase				=	\$ -	Transfer to Page 1

NOTES:

1. This is not the only way to estimate salary increases. Other methods will be accepted if they clearly indicate the % increase, the # of years of the contract, and a breakdown of the labor to be performed each year.
2. An estimation that is based on direct labor multiplied by salary increase % multiplied by the # of years is not acceptable. (i.e. \$250,000 x 2% x 5 yrs = \$25,000 is not an acceptable methodology).
3. This assumes that one year will be worked at the rate on the cost proposal before salary increases are granted.
4. Calculations for anticipated salary escalation must be provided.

Consultant Crawford & Associates, Inc.

Project No. 0 Contract No. 0

Date 2/4/2019

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. Title 23 United States Code Section 112 - Letting of Contracts
4. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
5. 23 Code of Federal Regulations Part 172 - Procurement, Management and Administration of Engineering and Design Related Service
6. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement.

Local governments are responsible for applying only cognizant agency or Caltrans accepted Indirect Cost Rate(s).

Prime Consultant or Subconsultant Certifying:

Name: Benjamin Crawford Title *: President

Signature:  Date of Certification: 02/04/2019

Email: ben.crawford@crawford-inc.com Phone number: 916-455-4225

Address: 1100 Corporate Way, Suite 230, Sacramento, CA 95831

* An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

Supplemental Environmental Services - Soil Sampling and Analytical Testing for Lead Paint in Soil

EXHIBIT 10-H1 COST PROPOSAL
ACTUAL COST-PLUS-FIXED FEE CONTRACTS
 (CALCULATIONS FOR ANTICIPATED SALARY INCREASES)

Consultant Cinquini & Passarino, Inc Contract No. Amend #1
 Bartlett Springs Road at Cache Creek Bridge Preventive Maintenance Project

Date 12/7/2018

1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)

Direct Labor <u>Subtotal</u> per Cost Proposal	Total Hours per Cost Proposal	=	Avg Hourly Rate	5 Year Contract Duration
\$ 6,005.16	165	=	\$36.39	Year 1 Avg Hourly Rate

2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)

	Proposed Escalation =		0.0%		
	Avg Hourly Rate		Proposed Escalation		
Year 1	\$36.39	+	0.0%	=	\$36.39 Year 1 Avg Hourly Rate
Year 2	\$36.39	+	0.0%	=	\$36.39 Year 2 Avg Hourly Rate
Year 3	\$36.39	+	0.0%	=	\$36.39 Year 3 Avg Hourly Rate
Year 4	\$36.39	+	0.0%	=	\$36.39 Year 4 Avg Hourly Rate
Year 5	\$36.39	+	0.0%	=	\$36.39 Year 5 Avg Hourly Rate

3. Calculate estimated hours per year (Multiply estimate % each year by total hours)

	Estimated % Completed Each Year		Total Hours per Cost Proposal		Total Hours per Year	
Year 1	100.00%	*	165.0	=	165.0	Estimated Hours Year 1
Year 2	0.00%	*	165.0	=	0.0	Estimated Hours Year 2
Year 3	0.00%	*	165.0	=	0.0	Estimated Hours Year 3
Year 4	0.00%	*	165.0	=	0.0	Estimated Hours Year 4
Year 5	0.00%	*	165.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	165.0	

4. Calculate Total Costs including Escalation (Multiply Average Hourly Rate by the number of hours)

	Avg Hourly Rate (calculated above)		Estimated hours (calculated above)		Cost per Year	
Year 1	\$36.39	*	165	=	\$6,005.16	Estimated Hours Year 1
Year 2	\$36.39	*	0	=	\$0.00	Estimated Hours Year 2
Year 3	\$36.39	*	0	=	\$0.00	Estimated Hours Year 3
Year 4	\$36.39	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$36.39	*	0	=	\$0.00	Estimated Hours Year 5
	Total Direct Labor Cost with Escalation			=	\$6,005.16	
	Direct Labor Subtotal before Escalation			=	\$6,005.16	
	Estimated total of Direct Labor Salary Increase			=	\$0.00	Transfer to Page 1

NOTES:

- This assumes that an average of one half year will be worked at the rate on the cost proposal.

EXHIBIT 10-H1 COST PROPOSAL Page 3 of 3

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. Title 23 United States Code Section 112 - Letting of Contracts
4. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
5. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
6. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement. Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

Prime Consultant or Subconsultant Certifying:

Name: Anthony G. Cinquini Title *: Chief Financial Officer
 Signature :  Date of Certification (mm/dd/yyyy): 12/06/2018
 Email: tcinquini@cinquinipassarino.com Phone Number: 707-542-6268
 Address: 1360 No. Dutton Ave, Suite 150, Santa Rosa, CA 95401

*An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

Land Surveying



**BENDER
ROSENTHAL
INCORPORATED**

Mr. Mark Reno
Quincy Engineering
11017 Cobblersrock Drive, Suite 100
Rancho Cordova, California 95670

January 21, 2019

RE: Request to Amend Contract

- Bartlett Road over Bartlett Creek Bridge -BRLO-5914(092)
- Bartlett Road over Cache Creek Bridge -BRLO-5914(111)

Dear Mr. Reno:

Bender Rosenthal, Inc. (BRI) requests approval to add staff and classifications, modify current staff classifications, and adjust labor rates to provide right of way services for the above projects. The current 10-H form approved by Lake County lists the labor rates for the following classifications: ROW Specialist/PM at \$65.00 per hour, Appraiser at \$45.00 per hour, and Acquisition Agent at \$45.00 per hour. With better definition of the total ROW scope of both projects developed through the Preliminary Engineering phase, BRI has additional classifications to be added to the list in order to fully provide the services required. We request a contract amendment to add the following classifications, staff, and revisions to staff rates to the contract.

Classification	Staff	Hourly Base Rate
ROW Project Manager	Brenda Schimpf*	\$70.00
Senior Acquisition Agent	Jeff Aldal	\$56.65
Senior Project Coordinator	Rebekah Green	\$58.05
Admin II	Betsey Cline	\$28.35
Senior ROW Specialist	Mike Lahodny	\$65.00
Appraiser	Dave Houghton	\$46.00
Researcher	Alysia Corey	\$25.00
Admin I	Tristina Williams	\$26.00

* Indicates Key Staff

The request to increase classification labor rates is due to salary escalations over the term of the contract. These escalations are based on 3 % per year over 4 years. Our goal is to deliver these projects with the highest quality of product in the most cost-effective manner. The contract amendments will not increase the total not-to-exceed costs of the project. Please confirm that the changes and additions are acceptable to the County. If you have any questions, or require any additional information, please contact Brenda Schimpf at (916) 978-4900 extension, or b.schimpf@benderrosenthal.com.

Thank you for your consideration of this request.

Respectfully,
BENDER ROSENTHAL, INC.

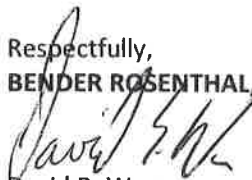

David B. Wraa
President

EXHIBIT 10-H COST PROPOSAL Page 1 of 3
ACTUAL COST-PLUS-FIXED FEE OR LUMP SUM (FIRM FIXED PRICE) CONTRACTS
(DESIGN, ENGINEERING, AND ENVIRONMENTAL STUDIES)

Note: Mark-ups are Not Allowed

Consultant: Bender Rosenthal Inc. Prime Consultant Subconsultant 2nd Tier Subconsultant
Project No. Barlett Springs Rd over Cache Creek (14C-0107) Contract No. TBD Date: 1/21/2019

Direct Labor

Classification/Title	Name	Hours	Actual Hourly Rate	Total
ROW Project Manager	Brenda Schimpf*	5.0	\$70.00	\$350.00
Senior Acquisition Agent	Jeff Aldal	20.0	\$56.65	\$1,133.00
Senior Project Coordinator	Rebekah Green	4.0	\$58.05	\$232.20
Admin II	Betsey Cline	2.0	\$28.35	\$56.70
Total				\$1,771.90

LABOR COSTS

a) Subtotal Direct Labor Costs \$1,771.90
b) Anticipated Salary Increases _____
c) **TOTAL DIRECT LABOR COSTS** [(a)+(b)] \$1,771.90

INDIRECT COSTS

d) Fringe Benefits (Rate): 68.71% e) Total Fringe Benefits [(c) × (d)] \$1,217.47
f) Overhead (Rate): 10.63% g) Overhead [(c) × (f)] \$188.35
h) General and Administrative (Rate): 28.70% i) Gen & Admin [(c) × (h)] \$508.54
j) **TOTAL INDIRECT COSTS** [(e) +(g) + (i)] \$1,914.37

FIXED FEE k) [(c) + (j)] × Fixed Fee 10% \$368.63

l) CONSULTANT'S OTHER DIRECT COSTS (ODC) - ITEMIZE (Add additional pages if necessary)

Description	Quantity	Unit	Unit Cost	Total
Travel/ Mileage	355	Mile	\$0.580	\$205.90
Shipping	2	Package	\$19.60	\$39.20

l) TOTAL OTHER DIRECT COSTS \$245.10

m) SUBCONSULTANT'S COSTS (add additional pages if necessary)

Subconsultant 1: _____
Subconsultant 2: _____
Subconsultant 3: _____
Tier Subconsultant 4: _____

m) TOTAL 2nd TIER SUBCONSULTANT'S COSTS _____

n) TOTAL OTHER DIRECT COSTS INCLUDING 2nd TIER SUBCONSULTANTS [(l) + (m)] \$245.10
TOTAL COST [(c) + (j) + (k) + (n)] \$4,300.00

NOTES:

- Key Personnel must be marked with an asterisk (*) and employees that are subject to prevailing wage requirements must be marked with two asterisks (**). All costs must comply with the Federal Cost Principles. Subconsultants will provide their own cost proposals.
- The cost proposal format shall not be amended. Indirect cost rates shall be updated on an annual basis in accordance with the consultant's annual accounting period and established by a cognized agency or accepted by Caltrans.
- Anticipated salary increases calculation (page 2) must accompany

EXHIBIT 10-H1 COST PROPOSAL Page 3 of 3

Certification of Direct Costs:

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. [Title 23 United States Code Section 112](#) - Letting of Contracts
4. [48 Code of Federal Regulations Part 31](#) - Contract Cost Principles and Procedures
5. [23 Code of Federal Regulations Part 172](#) - Procurement, Management, and Administration of Engineering and Design Related Service
6. [48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board](#) (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement. Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

Prime Consultant or Subconsultant Certifying:

Name: Brenda Schimpf Title*: Vice President

Signature:  Date of Certification (mm/dd/yyyy): 6/21/2018

Email: b.schimpf@benderrosenthal.com Phone Number: (916) 978-4900

Address: 2825 Watt Avenue, Suite 200, Sacramento, CA 95821

*An individual executive or financial officer of the consultant's or subconsultant's organization at a level no lower than a Vice President or a Chief Financial Officer, or equivalent, who has authority to represent the financial information utilized to establish the cost proposal for the contract.

List services the consultant is providing under the proposed contract:

ROW Project Management, Acquisition Services for Permit, Right of Way Certification