

AMENDMENT ONE TO AGREEMENT FOR ENGINEERING SERVICES
FOR
REPLACEMENT OF COOPER CREEK BRIDGE AT WITTER SPRINGS ROAD (14C-0119)
IN LAKE COUNTY, CALIFORNIA

THIS AMENDMENT ONE TO AGREEMENT is made this _____ day of _____, 2018, 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 February 28, 2017 to provide preliminary and final design, environmental services, right of way, bidding and construction assistance services in order to replace the Cooper Creek Bridge at Witter Springs Road (14C-0119); 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 \$337,578.74 without prior written authorization by COUNTY and formal Amendment to this Agreement.

In addition to the allowable incurred costs, COUNTY will pay CONSULTANT a fixed fee of \$23,865.05. 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 February 28, 2017 shall remain in full force and effect.

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 COOPER CREEK BRIDGE AT WITTER SPRINGS ROAD (14C-0119)
IN LAKE COUNTY, CALIFORNIA**



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

October 9, 2018

**Re: Professional Engineering & Project Delivery Services for
Witter Springs Road at Cooper Creek Bridge Replacement Project
Federal Project No. BRLO-5914(078) Amendment 1 Request**

Dear Mr. Pezeshk:

Based on our previous discussions on this project, we are requesting a contract amendment to address additional effort that is needed to satisfy NEPA. Below is a summary of the additional budget being requested for each task. Also, based on current information, we believe that an Incidental Take Permit for Clear Lake Hitch will not be required. Since we had included budget for this task (Optional Task 6.1.A), we are proposing to move the budget from that task to cover the cost of the additional work in Task 4.2.

<u>Summary by Task</u>	<u>Additional Amount Requested</u>
Task 2.1 - Project Management	\$1,930.11
Task 4.1 Project Description and APE Map	\$1,290.31
Task 4.2 NEPA/CEQA Technical Studies	\$7,298.97
Total Additional Work	\$10,519.39
Budget Reallocation (Remove Optional Task 6.1.A - ITP)	- \$2,105.42
Total Amendment Request	\$8,413.97

Attached is a cost proposal and scope of work (including a detailed explanation of the reason for the amendment).

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

A handwritten signature in black ink, appearing to read 'Mark L. Reno'.

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

Attachments
cc: File

developing YOUR vision | delivering YOUR project

SCOPE OF WORK

Cooper Creek Bridge at Witter Springs Road (14C0119)

BRLO-5914(078)

This *Detailed Scope of Work* is an amendment to the original contract scope of work approved on February 28, 2017.

This amendment is based on the following changes and discovery that have occurred requiring the scope of work to be modified:

- APE boundary changed based on design information developed under Task 3.5 of the original contract scope of work. The contract scope of work and contract budget excluded revisions to the APE map and Project Description.
- After consulting with Caltrans, it was determined that the new APE limits would require
 - a supplemental ASR and HPSR;
 - A Farmland Impact Memorandum because of the anticipated right of way impacts to prime and unique farmland; and
 - A minor revision to the draft Delineation of Waters of the US.
- Caltrans performed a field review on September 10, 2018. Based on their field review, Caltrans requested that an amendment to the original approved NES be prepared to address 1) updated sensitive species list (USFWS, CDFW and CNPS) and 2) correct the mis-identified oak woodland habitat.

Quincy has included effort for its staff to review the reports and provide comments.

TASK 2 – PROJECT MANAGEMENT

Task 2.1 - Project Management

Additional project management budget is anticipated due to subconsultant coordination and to update the various project management tracking tools such as the tracking document for submittals, accounting database, and project schedule.

TASK 4 - ENVIRONMENTAL STUDIES

Task 4.1 – Project Description and APE Map

The contract scope of work and contract budget excluded revisions to the APE map and Project Description. After preliminary design information was developed, it was determined that the previously approved APE did not capture the full area of direct impacts. Additional right of way, temporary construction easements and ground disturbance may occur outside the approved APE. This amendment includes one

Task 4.1 Deliverables

- ✓ Revised APE Map
- ✓ Revised Project Description

revision to the APE map to include the additional areas of impact. The revised APE map will be prepared by Quincy.

Quincy will prepare additional language for the project description as needed to include the extent of the impacts for the shoulder width alternatives being considered.

Task 4.2 – NEPA/CEQA Technical Studies (Gallaway)

The original contract scope of work was based on technical studies (HSPR/ASR, NES, and BA) being complete. Gallaway was included on our team as part of the consultant selection process to address any changes that may require updates or revisions to these technical studies.

Archeological Study Report (ASR) and Historic Property Survey Report (HPSR)

To address the changes to the APE map, supplements to the ASR and HPSR are required. Quincy will supply the new Caltrans approved Area of Potential (APE) Impact map. In-house staff at Gallaway Enterprises will conduct a field study of the expanded APE, and will draft a supplemental report to the Caltrans approved ASR/HSPR. Native American consultations are excluded from this scope of work. One review of the supplemental ASR and HPSR by the County and Caltrans is included.

The delineation of Waters of the US (WOTUS) project boundary must be the same as the project boundary in the ASR/HSPR, therefore Gallaway will revise the delineation report and graphics to be consistent with the new APE boundary.

Farmland Memo

The revised APE for the project includes both prime and unique farmland (as designated by NRCS) and either permanent or temporary right of way will occur triggering the need to address impacts to farmland. Working with Quincy the County and Caltrans, Gallaway Enterprises will review right-of-way limits, construction easements, aerial photography and staging locations to delineate impacts to farmlands and farmland resources. Impacts will be determined using the FMMP GIS database in relation to project drawings supplied by Quincy. The information will be summarized in a draft Farmland Conversion Impact Rating for Corridor Type Projects (Form NRCS-CPA-106) and supplied to Caltrans for use in their consultation with NRCS. There are several portions of the NRCS-CPA-106 form that are required to be completed by NRCS and/or the federal agency.

NES

Gallaway Enterprises will prepare an amendment to the NES prepared by Northwest Biosurvey. Caltrans conducted a field visit and review of biological resources utilizing CDFW and USFWS databases in September 2018. Since completion of the original biological study, one (1) new ESA species has been added to the USFWS species list that will need to be addressed in the NES. In the NES amendment Gallaway Enterprises will provide updated species lists (i.e. USFWS, CDFW, and CNPS) and add Burke's Goldfields (*Lasthenia burkei*) to the species table with an effect determination. Gallaway Enterprises will also include the results of a bat habitat assessment and presence/absence survey conducted by Caltrans. Lastly, Gallaway Enterprises will reflect a change in habitat types onsite from the misidentified Oregon white oak to the correct valley oak habitat and the State Senate Concurrent Resolution No. 17 Oak Woodlands Conservation Act will be referenced.

Task 4.2 Deliverables	
✓	ASR and HPSR Supplements (Draft and Final)
✓	Revised Final Draft Delineation of WOTUS
✓	Draft NRCS-CPA-106 form
✓	Farmland Impact Map
✓	Results Summary Letter
✓	NES Amendment and Updated Species list

Task 6.1 A – Incidental Take Permit (Gallaway)

The original contract scope of work included an optional task for an Incidental Take Permit (ITP) for Clear Lake Hitch. Based on recent experience, it is anticipated that if in water work is conducted between June 15 and October 15 of any year, that an ITP will not be required. It is a reasonable assumption that construction can occur between these two dates, therefore it is not likely that this optional task will be needed. The planned budget for this optional task was \$1711. This optional task budget will be moved to Task 4.2 to cover a portion of the cost of the additional work described above.

Task Budget Reallocation
Amendment #1

		Project Name: Cooper Creek Bridge Project (14C0119) - Amendment #1									
		Quincy Engineering, Inc.					Gallaway Enterprises				
Task #	Task Description	Budget	Reallocation	Amendment	Revised Budget	Budget	Reallocation	Amendment	Revised Budget		
2.1	Project Management	\$10,265.00	\$0.00	\$1,930.11	\$12,195.11	\$0.00	\$0.00	\$0.00	\$0.00		
4.1	Project Description and APE Map	\$0.00	\$0.00	\$1,290.31	\$1,290.31	\$0.00	\$0.00	\$0.00	\$0.00		
4.2	NEPA/CEQA Technical Studies	\$1,575.00	\$394.00	\$963.57	\$2,932.57	\$12,957.34	\$1,711.42	\$4,229.98	\$18,898.74		
6.1.A	OPTIONAL - Clear Lake Hitch Incidental Take Permit	\$394.00	-\$394.00		\$0.00	\$1,711.42	-\$1,711.42		\$0.00		
Total Amendment		\$4,183.99				\$4,229.98					\$8,413.97

Cost Proposal

Project Number: L01-824 BRLO 5714(078) Project Name: Cooper Creek at Witter Springs Road																												
TASKS		Principal Eng.	Senior PM	Senior Eng.	Assist Eng. I	Survey Mgr	Survey Tech	Assoc Eng.	Assoc Eng.	CAD Manager	CAD Tech	Assist Eng. I	Intern	Apprentice **	0	0	Admin Asst	Quincy Total Hours	Quincy Total Labor Dollars	Quincy Labor	Quincy Profit	Quincy NLF Budget	Galloway					Subconsultant Subtotal
		MR	CD	SMc	CB	JT	AD	RK	AM	BM	PK	Sbo	Sbe	App	blank	blank	PJ		Direct Labor	Labor+OH Multiplier	Fee Multiplier	Actual Labor Multiplier						
No.	Initial Hourly Rate	\$87.00	\$78.00	\$66.90	\$32.40	\$62.00	\$42.00	\$48.50	\$52.10	\$47.10	\$27.40	\$29.20	\$17.00	\$32.00	\$0.00	\$0.00	\$38.50											
Amendment 1																				2.548	0%	2.548						
2.1	Project Management	2	6														3	11	\$758	\$1,930	\$0.00	\$1,930.11					\$ -	
4.1	Project Description and APE Map		4		6													10	\$506	\$1,290	\$0.00	\$1,290.31					\$ -	
4.2	NEPA/CEQA Technical Studies		6		2													8	\$533	\$1,358	\$0.00	\$1,357.57	\$ 5,834.40				\$ 5,834.40	
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Exhibit 10-H1 Cost Proposal
Actual Cost-Plus-Fixed Fee Contracts☒ Prime Consultant ☐ SubconsultantConsultant **Quincy Engineering, Inc.**

Project Name Cooper Creek at Witter Springs Road

Project No. L01-824 BRLO 5714(07) Contract No. L01-824 Date 10/9/2018

DIRECT LABOR

Classification/Title	Name	Initials	Range	Hours	Initial Hourly Rate	Total
Principal Eng. *	Mark Reno	MR	\$70-\$105	2	\$ 87.00	\$ 174.00
Senior PM *	Carolyn Davis	CD	\$55-\$95	16	\$ 78.00	\$ 1,248.00
Senior Eng. *	Scott McCauley	SMc	\$49-\$79	0	\$ 66.90	\$ -
Assist Eng. I	Chris Brazil	CB	\$26-\$46	8	\$ 32.40	\$ 259.20
Survey Mgr	Jim Thornton	JT	\$40-\$67	0	\$ 62.00	\$ -
Survey Tech	Alfonso Dabu	AD	\$29-\$43	0	\$ 42.00	\$ -
Assoc Eng.	Ryan Kotev	RK	\$32-\$63	0	\$ 48.50	\$ -
Assoc Eng.	Andrew Mitchell	AM	\$32-\$63	0	\$ 52.10	\$ -
CAD Manager	Bob Maechler	BM	\$34-\$56	0	\$ 47.10	\$ -
CAD Tech	Patrick Kenney	PK	\$22-\$37	0	\$ 27.40	\$ -
Assist Eng. I	Salim Bouzid	Sbo	\$26-\$46	0	\$ 29.20	\$ -
Intern	Steffen Berr	Sbe	\$16-\$25	0	\$ 17.00	\$ -
Apprentice **	Apprentice	App	\$32-\$52	0	\$ 32.00	\$ -
		blank		0	\$ -	\$ -
		blank		0	\$ -	\$ -
Admin Asst	Phyllis Jordan	PJ	\$12-\$55	3	\$ 38.50	\$ 115.50
				29		\$ 1,796.70

LABOR COSTS

- a) Subtotal Direct Labor Costs \$1,796.70
- b) Estimated Salary Increases for Multi-Year Project \$0.00 (see calculation page attached)
- c) TOTAL DIRECT LABOR COSTS [(a) + (b)] \$1,796.70

INDIRECT COSTS

- d) Fringe Benefits (Rate: 37.9%):
- e) Total Fringe Benefits [(c) x (d)] \$680.95
- f) Overhead (Rate: 116.9%):
- g) Overhead [(c) x (f)] \$2,100.34
- h) General Administration (Rate: 0.0%):
- i) Gen & Admin [(c) x (h)] \$0.00
- j) TOTAL INDIRECT COSTS [(e) + (g) + (i)] \$2,781.29

FIXED FEE

- k) Fixed Fee (0.0%):
- l) TOTAL FIXED FEE [(c) + (j)] x (k) \$0.00

CONSULTANT'S OTHER DIRECT COSTS (ODC)

Travel (@ active IRS mileage rate)	miles @	\$0.545	\$0.00
Pier Diem/ Hotel	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	
	Subtotal Vendor Reproduction		\$0.00
Title Report	0 @	\$0.00	\$0.00
Miscellaneous			\$0.00
m) TOTAL OTHER DIRECT COSTS			<u>\$0.00</u>

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

Galloway	\$5,941.40
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
	<u>\$5,941.40</u>
	<u>\$5,941.40</u>

- o) TOTAL COST [(c) + (j) + (l) + (m) + (n)] \$10,519.39

NOTES:

- Key personnel marked with an asterisk (*).
- Employees subject to prevailing wage marked with two asterisks (**).
- Anticipated salary increases N/A for this amendment, all amendment work complete by 2/2019
- Note: Invoices will be based upon actual QEI hourly rates plus overhead at 154.8% 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

PAGE 2 OF 2

ACTUAL COST-PLUS-FIXED FEE CONTRACTS

(CALCULATIONS FOR ANTICIPATED SALARY INCREASES)

Consultant Quincy Engineering, Inc.Contract No. L01-824Date 10/9/2018Cooper Creek at Witter Springs Road**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
\$ 1,796.70	29	=	\$61.96	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 =			
		0.0%			
Year 1	\$61.96	+	0.0%	=	\$61.96 Year 1 Avg Hourly Rate
Year 2	\$61.96	+	0.0%	=	\$61.96 Year 2 Avg Hourly Rate
Year 3	\$61.96	+	0.0%	=	\$61.96 Year 3 Avg Hourly Rate
Year 4	\$61.96	+	0.0%	=	\$61.96 Year 4 Avg Hourly Rate
Year 5	\$61.96	+	0.0%	=	\$61.96 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%	*	29.0	=	29.0	Estimated Hours Year 1
Year 2	0.00%	*	29.0	=	0.0	Estimated Hours Year 2
Year 3	0.00%	*	29.0	=	0.0	Estimated Hours Year 3
Year 4	0.00%	*	29.0	=	0.0	Estimated Hours Year 4
Year 5	0.00%	*	29.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	29.0	

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	\$61.96	*	29	=	\$1,796.70	Estimated Hours Year 1
Year 2	\$61.96	*	0	=	\$0.00	Estimated Hours Year 2
Year 3	\$61.96	*	0	=	\$0.00	Estimated Hours Year 3
Year 4	\$61.96	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$61.96	*	0	=	\$0.00	Estimated Hours Year 5
	Total Direct Labor Cost with Escalation			=	\$1,796.70	
	Direct Labor Subtotal before Escalation			=	\$1,796.70	
	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:

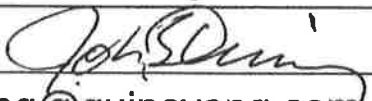
I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

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 Cobblersrock 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 Gallaway Enterprises, Inc.
Project Cooper Creek at Witter Springs Rd Date 8-Oct-18

DIRECT LABOR

Classification	Name	Hours	Actual Hourly Rate	Total
Project Manager/Sr. Biologist*	Jody Gallaway	0.0 @	\$ 55.00	\$ 0.00
Project Manager/Sr. Planner*	Kevin Sevier	14.0 @	\$ 45.00	\$ 630.00
Biologist	Melissa Murphy	16.0 @	\$ 28.00	\$ 448.00
GIS Analyst 1/Archaeologist	Cate Davis	46.0 @	\$ 26.00	\$ 1,196.00
Administrator/Clerical	Ganna Kleppe	7.0 @	\$ 18.00	\$ 126.00

LABOR COSTS

a) Subtotal Direct Labor Costs \$ 2,400.00
b) Anticipated Salary Increases \$ 0.00

Total Direct Labor Costs \$ 2,400.00

INDIRECT COSTS

	Rate	Total
Fringe Benefits	34.00%	\$ 816.00
Overhead/General and Administrative	87.00%	\$ 2,088.00
Total Indirect Costs		\$ 2,904.00

FIXED FEE @ 10% \$ 530.40

CONSULTANTS DIRECT COST

Description	Quantity	Unit	Unit Cost	Total
Mileage (200@.535/mi)	200	1	\$ 0.535	\$ 107.00

Total Direct Costs \$ 107.00

SUBCONSULTANTS COSTS

\$ 0.00
\$ 0.00
Total Subconsultants Costs \$ 0.00

Total other Direct Costs Including Subconsultants \$ 107.00

TOTAL COSTS \$ 5,941.40

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>2,400.00</u>	<u>83</u>	\$ <u>28.92</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>28.92</u>	2%	\$ <u>29.49</u>	Year 2 Avg Hourly Rate
Year 2	\$ <u>29.49</u>	2%	\$ <u>30.08</u>	Year 3 Avg Hourly Rate
Year 3	\$ <u>30.08</u>	2%	\$ <u>30.69</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	83	83 Est. Hours Year 1
Year 2	0	x	83	0 Est. Hours Year 2
Year 3	0	x	83	0 Est. Hours Year 3
Year 4	0	x	83	0 Est. Hours Year 4
Total	100%		Total	83

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>28.92</u>	x 83	\$ <u>2,400.00</u>	Est. Hours Year 1
Year 2	\$ <u>29.49</u>	x 0	\$ <u>-</u>	Est. Hours Year 2
Year 3	\$ <u>30.08</u>	x 0	\$ <u>-</u>	Est. Hours Year 3
Year 4	\$ <u>30.69</u>	x 0	\$ <u>-</u>	Est. Hours Year 4
Total Direct Labor Cost with Escalation			\$ <u>2,400.00</u>	
Direct Labor Subtotal before Escalation			\$ <u>2,400.00</u>	
Estimated Total of Direct Labor Salary				Transfer to page 1
Increase			\$ <u>0.00</u>	

EXHIBIT 10-H1 COST PROPOSAL Page 3 of 3

Certification of Direct Costs:

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Prime Consultant or Subconsultant Certifying:

Name: Kevin Serjey Title *: Vice President
Signature: [Signature] Date of Certification (mm/dd/yyyy): 10/8/18
Email: Kevin@gallowayenterprises.com Phone Number: 5303329909
Address: 117 Meyers St. 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:

NES Amendment
ASR/HPSR Memo
Updated Delineation of NOTUS
Farmland Memo