

**SECOND AMENDMENT TO
TULARE COUNTY AGREEMENT NO. 27512**

THIS SECOND AMENDMENT ("Amendment") to Tulare County Agreement Number 27512 (the "Agreement") is entered into by and between the **COUNTY OF TULARE** ("COUNTY") and **QUINCY ENGINEERING, INC.** ("CONSULTANT") as of _____, with reference to the following:

- A. The COUNTY and CONSULTANT entered into the Agreement on February 2, 2016, for the purpose of providing professional engineering consultant services; and
- B. COUNTY and CONSULTANT now wish to amend the Agreement in order to increase the amount of compensation provided to CONSULTANT for additional services rendered to the COUNTY.

ACCORDINGLY, COUNTY and CONSULTANT agree as follows:

- 1. Section 2, "TIME FOR PERFORMANCE/TERM" of this Agreement is hereby revised to read as follows:

Time is of the essence in this Agreement. The services as described in Exhibit A and Exhibit A-1, will commence within five days of receipt of a written notice to proceed issued following acceptance of this Agreement by COUNTY. This Agreement shall terminate on December 31, 2022. Mutually acceptable changes in the scope, character, or complexity of the work, if such changes become desirable or necessary as the work progresses, will be accommodated by a supplemental agreement. An appropriate extension of time may be made in the form of a supplemental agreement in case of unavoidable delays. Corresponding warranted adjustments in payment will be made based upon the incorporated rate schedule. CONSULTANT is advised that any recommendation for contract award is not binding on COUNTY until the contract is fully executed and approved by COUNTY.

- 2. Section 3 (e) "COMPENSATION" of the Agreement is hereby revised, in part, to add the following language:

EIGHTY-TWO THOUSAND SEVEN HUNDRED AND TWENTY-FIVE DOLLARS AND NINETY-SEVEN CENTS (\$82,725.97) shall be added to the compensation owed to CONSULTANT to cover additional services provided by the CONSULTANT that were not included in the Agreement. The total compensation from the COUNTY to the CONSULTANT for all services under the Agreement shall not exceed the sum of SIX HUNDRED THIRTY-ONE THOUSAND FIVE HUNDRED FOURTY-THREE DOLLARS AND THIRTY-FIVE CENTS (\$631,543.35). Exhibit A-1, "Additional Scope of Work" and Exhibit B-1, "Cost Summary" show the additional work provided by the CONSULTANT and the additional compensation owed to the CONSULTANT. These exhibits are incorporated herein by reference.

- 3. This Second Amendment becomes effective as of March 31, 2020.

- 4. Except as provided above, all other terms and conditions of the Agreement shall remain in full force and effect.

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THE PARTIES, having read and considered the above provisions, indicate their agreement by their authorized signatures below.

QUINCY ENGINEERING, INC.

Date _____

By 
Print Name Chris Rajaram
Title CEO

Date 3.2.2020

By 
Print Name Celeste R. Alvarez
Title Corporate Secretary

[Pursuant to Corporations Code section 313, County policy requires that contracts with a Corporation be signed by both (1) the chairman of the Board of Directors, the president or any vice-president (or another officer having general, operational responsibilities), and (2) the secretary, any assistant secretary, the chief financial officer, or any assistant treasurer (or another officer having recordkeeping or financial responsibilities), unless the contract is accompanied by a certified copy of a resolution of the corporation's Board of Directors authorizing the execution of the contract. Similarly, pursuant to California Corporations Code section 17703.01, County policy requires that contracts with a Limited Liability Company be signed by at least two managers, unless the contract is accompanied by a certified copy of the articles of organization stating that the LLC is managed by only one manager.]

COUNTY OF TULARE


Date _____

By _____
Chairman, Board of Supervisors

ATTEST: JASON T. BRITT
County Administrative Officer/Clerk of the Board
of Supervisors of the County of Tulare

By _____
Deputy Clerk

Approved as to Form:
County Counsel

By 
Deputy

Matter # 2020237

Exhibit A - 1

Additional Scope of Work



December 13, 2019
Jason Vivian
Tulare County RMA Public Works
5961 S. Mooney Blvd.
Visalia, CA 93277

Re: South Fork Kaweah River Bridge Replacement - Amendment 2 Request

Dear Mr. Vivian,

As part of the aforementioned project, Tulare County (County) is proposing a Revegetation/Restoration Plan to mitigate the impacts to natural habitat associated with the project. The County proposed the Revegetation/Restoration Plan to occur at the Sequoia Riverland Trusts Homer Preserve, located approximately 17 miles northwest of the project site.

During review of the proposed Revegetation/Restoration Plan, Caltrans determined the potential for cultural resources to be present in the area of the restoration. Because of which, Caltrans has requested additional cultural documentation be completed for the proposed revegetation efforts. To comply with this request, Quincy Engineering Inc. (Quincy) is requesting a contract amendment. The additional work description for our subconsultant, Dokken Engineering, is attached along with a fee sheet (Exhibit A) reflecting the level of effort. Depending on the findings, additional work may be required. Because of which, three new Optional Tasks have been added as shown below:

- Task 6.5.3 – XPI Investigation
- Task 6.5.4 – Finding of Effect/ESA Action Plan
- Task 6.5.5 – Data Management Recovery Plan/Archaeological Monitoring Plan

Also included in this amendment request is additional time for Quincy to perform additional construction support and for out of scope work needed to be performed.

Originally Quincy had 72 hours for Construction Support to be completed on a Time and Materials basis. This included attendance at construction meetings, review of RFI's and review of shop plans. At that time, it was assumed we would only be reviewing post-tensioning shop plans. Quincy will now review the prefabricated steel bridge shop plans as well as the shop plans for the two soil nail walls. This is a considerably larger task. The additional effort is shown on the attached fee sheet (Task 8.2) and would be completed on a Time and Materials basis.

The out of scope work requiring additional time is noted below:

- Repeated coordination with ready-mix companies to determine an approximate cost to deliver concrete to the remote site (Task 1.3)
- Travel and attendance for Native American monitoring during subsurface geotechnical borings (Task 6.2.3).



- Coordination with hydraulics subconsultant for an additional scour analysis (**Task 3.9**).
- Coordination with hydraulics subconsultant for the Technical Memo required by the Central Valley Flood Protection Board (**Task 3.8**).
- Wall aesthetics investigation; adding additional architectural treatment features to bridge (**Task 7.7**).
- Coordination with Sequoia Nation Park regarding construction time and possible road closures (**Task 1.3**).
- Prefabricated steel girder coordination
 - Initial conversations to understand their systems (**Task 1.3**).
 - Plan preparation to ensure compatibility with prefabricators systems (**Task 7.7**).
 - Coordinate sending prefabricators draft plans and specification and receiving their feedback prior to submitting 95% PS&E (**Task 1.3**).
- Meeting Caltrans new Structures Local Assistance Engineer (Jeremy Wright) to go over project with him after the departure of Robert Zezoff (**Task 1.3**).

For the work described above, Quincy is requesting **\$82,725.97**, which includes services from our subconsultant (Dokken Engineering) as well as the Optional Tasks previously described. This would change our not to exceed contract from \$548,817.38 to **\$631,543.35**. If the Optional Tasks are not required, then the requested amount is reduced from \$82,725.97 to **\$49,736.35**.

Please contact me at (916) 368-9181 if you have questions or comments regarding this amendment request.

Sincerely,

Quincy Engineering, Inc.

Lance Schrey, P.E.

Project Manager

Attachments:

- Quincy hourly breakdown
- Quincy 10-H
- Dokken scope of work
- Dokken 10-H

Exhibit B - 1
Cost Summary

Tulare County - South Fork Kaweah River Bridge Amendment 2													
TASKS	Principal in Charge	Project Manager - PM	Senior Engineer - DE	Assistant Engineer - DE	Drafter 2	CADD Manager	Admin	Associate Engineer	Quincy Total Hours	Quincy Loaded	Dekken	Subcontract Subtotal	
	JO	LS	SM	Bridge	Staff	BM	PJ	Bridge					
No.	Inst Hourly Rate												
	\$36.00	\$33.00	\$50.00	\$40.00	\$35.00	\$51.00	\$41.00	\$50.00					
1	Project Management												
1.3	Project Management & Schedule		16	24				4		44	\$10,046	\$10,046	
3	Hydraulic Analysis												
3.8	Coordination with CVFPB		4	4						8	\$1,070	\$1,070	
3.9	Scour and Bank Protection		2	4						6	\$1,401	\$1,401	
6	Environmental Services												
6.1	Project Management		1							1	\$284	\$950	\$1,234
6.2.3	Native American Monitoring		2	14						16	\$3,481		\$3,481
6.5	Cultural Resources		1							1	\$284	\$8,010	\$8,294
7	PS&E												
7.7	65% Plans		4	20		4				28	\$5,726		\$5,726
8	Bidding and Post Award Services												
8.2	Construction Support		6	12	44	4		4	40	110	\$16,635		\$16,635
	Subtotal- Hours		38	78	44	8		8	40	214			948
	Other Direct Costs										448	500	948
	Total Cost		\$3,348	\$5,304	\$1,760	\$280		\$320	\$2,000	\$13,020	\$40,276	\$9,460	\$49,736
	OPTIONAL TASKS												
6.5.3	XPI Investigation		8							8	\$2,276	\$15,313	\$17,589
6.5.4	FOE/ESA Action Plan		2							2	\$569	\$3,281	\$3,850
6.5.5	Data Management Recovery Plan/Archaeological Monitoring		6							6	\$1,707	\$9,844	\$11,551
	Subtotal- Hours		16							16			
	Other Direct Costs												
	Total Cost		\$1,480							\$1,488	\$4,562	\$28,436	\$37,500

County of Tulare
 South Fork of the Kaweah River Amendment 2
 Bridge Number 46CXXXX

Quincy Engineering Inc.

CONSULTANT: Quincy Engineering

CONSULTANT COST PROPOSAL

DIRECT LABOR

Name	Classification	Range	Hours	Initial Hourly Rate	Total
John Quincy	Principal in Charge	\$70-\$105	0 @	\$96.00	\$0.00
Lance Schrey	Project Manager - PM	\$60 - \$87	36 @	\$93.00	\$3,348.00
Scott Mc Cauley	Senior Engineer - DE	\$49 - \$79	78 @	\$68.00	\$5,304.00
Assistant Bridge Eng.	Assistant Engineer - DE	\$32 - \$55	44 @	\$40.00	\$1,760.00
Greg Young	Senior Engineer - Spec.s	\$49 - \$79	0 @	\$74.00	\$0.00
John Quincy	Principal Engineer (QC/QA)	\$70-\$105	0 @	\$96.00	\$0.00
Drafter	Drafter 2	\$22 - \$37	8 @	\$35.00	\$280.00
Bob Maechler	CADD Manager	\$34 - \$56	0 @	\$51.00	\$0.00
Phyllis Jordan	Admin	\$12 - \$55	8 @	\$41.00	\$328.00
		\$25 - \$40	0 @	\$85.00	\$0.00
		\$25 - \$40	0 @	\$42.00	\$0.00
	Senior Engineer - Roadway	\$32 - \$50	0 @	\$59.07	\$0.00
	Assistant Engineer - DE	\$20 - \$32	0 @	\$38.00	\$0.00
	Assistant Engineer - DE	\$45 - \$75	0 @	\$38.00	\$0.00
Bridge	Associate Engineer	\$32 - \$63	40 @	\$50.00	\$2,000.00
		\$45 - \$70	0 @	\$0.00	\$0.00
			214		
				Subtotal Direct Labor Costs	\$13,020.00
				4% Anticipated Salary Increases	\$455.70

TOTAL - Direct Labor **\$13,475.70**

INDIRECT COSTS

	Rate	Total
Overhead	163.89%	\$22,085.32
Fringe Benefit (Included in OH)	0.00%	
General & Administrative (Included in OH)	0.00%	
	163.89%	
		TOTAL - Indirect Costs

\$22,085.32

FEE (12.00%)

TOTAL - Fee \$4,267.32

OTHER DIRECT COSTS

			Total
Travel Costs	600 @	\$0.580	\$ 348.00
Per Diem / Hotel	0 @	\$150.00	\$ -
Vellums	4	\$25.00	\$ 100.00
Overnight Service	0 @	\$25.00	\$ -
Mounting Boards	0 @	\$100.00	\$ -
11 x 17 copies	0 @	\$0.10	\$ -
			\$448.00

TOTAL COST \$40,276.34

Subcontractor Costs

\$ 9,460.00

Total Contract

\$ 49,736.35

Total Cost not to Exceed = **\$49,800.00**

OPTIONAL TASKS
Quincy Engineering Inc.

CONSULTANT: Quincy Engineering

CONSULTANT COST PROPOSAL

DIRECT LABOR

Name	Classification	Range	Hours	Initial Hourly Rate	Total
John Quincy	Principal in Charge	\$70-\$105	0 @	\$96.00	\$0.00
Lance Schrey	Project Manager - PM	\$80 - \$87	16 @	\$93.00	\$1,488.00
Scott Mc Cauley	Senior Engineer - DE	\$49 - \$79	0 @	\$68.00	\$0.00
Assistant Bridge Eng.	Assistant Engineer - DE	\$32 - \$55	0 @	\$40.00	\$0.00
Greg Young	Senior Engineer - Spec.s	\$49 - \$79	0 @	\$74.00	\$0.00
John Quincy	Principal Engineer (QC/QA)	\$70-\$105	0 @	\$96.00	\$0.00
Drafter	Drafter 2	\$22 - \$37	0 @	\$35.00	\$0.00
Bob Maechler	CADD Manager	\$34 - \$56	0 @	\$51.00	\$0.00
Phyllis Jorden	Admin	\$12 - \$55	0 @	\$41.00	\$0.00
		\$25 - \$40	0 @	\$0.00	\$0.00
		\$25 - \$40	0 @	\$0.00	\$0.00
		\$32 - \$50	0 @	\$0.00	\$0.00
		\$20 - \$32	0 @	\$0.00	\$0.00
		\$45 - \$75	0 @	\$0.00	\$0.00
Bridge	Associate Engineer	\$32 - \$63	0 @	\$50.00	\$0.00
		\$45 - \$70	0 @	\$0.00	\$0.00

16
Subtotal Direct Labor Costs \$1,488.00
Anticipated Salary Increases \$52.08

TOTAL - Direct Labor \$1,540.08

INDIRECT COSTS

	Rate	Total
Overhead	163.89%	\$2,524.04
Fringe Benefit (Included in OH)	0.00%	
General & Administrative (Included in OH)	0.00%	
	163.89%	
TOTAL - Indirect Costs		\$2,524.04

FEE (12.00%) **TOTAL - Fee** \$487.69

OTHER DIRECT COSTS

		Total
Travel Costs	0 @ \$0.580	\$ -
Per Diem / Hotel	0 @ \$150.00	\$ -
Vellums	0 @ \$25.00	\$ -
Overnight Service	0 @ \$25.00	\$ -
Mounting Boards	0 @ \$100.00	\$ -
11 x 17 copies	0 @ \$0.10	\$ -
		\$0.00

TOTAL COST \$4,551.81

Subcontractor Costs \$ 28,438.00
Total Contract \$ 32,989.82
Total Cost not to Exceed = \$33,000.00

Subcontractor
Cost Summary and Scope of Work





**Environmental Services
 South Fork Kaweah River Bridge's
 Revegetation Area**

**Cost Proposal
 with Estimated Labor
 Hours and Cost
 December 9, 2019**

Task Description	DOKKEN ENGINEERING						
	NAMAT HOSEINON Environmental QA/QC	SARAH HOLM Environmental Manager	Associate Environmental Planner/Archaeologist	GIS Specialist	TOTAL HOURS	OTHER DIRECT COST	TOTAL COST
	\$218.88	\$161.19	\$109.38	\$109.38			
TASK 6.1 – Project Management		6			6		\$950
6.1.1 Project Management		2			2		\$317
6.1.2 Quality Control		4			4		\$633
TASK 1 – Cultural Resources	1	8	316	4	329	\$500	\$36,948
1.1 Supplemental Area of Potential Effect Map		4	4	4	12	\$500	\$1,974
1.2 Supplemental Historic Property Survey Report/ Supplemental Archaeological Survey Report/ Section 106 SHPO Consultation	1	4	52		57		\$6,536
1.3 Extended Phase I Investigations (OPTIONAL)			140				\$15,313
1.4 Finding of Effect / ESA Action Plan (OPTIONAL)			30				\$3,281
1.5 Data Management Recovery Plan / Archaeological Monitoring (OPTIONAL)			90				\$9,844
TOTAL HOURS WITHOUT OPTIONAL	1	14	56	4	75		
TOTAL COST WITHOUT OPTIONAL	\$216	\$2,216	\$6,125	\$403		\$500	\$9,460
TOTAL HOURS	1	14	316	4	335		
TOTAL COST	\$216	\$2,216	\$34,583	\$403		\$500	\$37,898



DOKKEN ENGINEERING

Transportation Solutions from Concept to Construction

Road M348 Over South Fork Kaweah River Bridge Replacement Project – Supplemental HPSR/ASR for Revegetation Site

ENVIRONMENTAL SCOPE OF SERVICES – CALTRANS REQUIRED ADDITIONAL STUDIES

As part of the M348 over South Fork Kaweah River Bridge Replacement Project (Project), Tulare County (County) has proposed a Revegetation/Restoration Plan to mitigate for impacts to natural habitat associated with the Project. The County has proposed the revegetation/restoration activities would occur in partnership with the Sequoia Riverland Trust's (SRT), at the SRT Homer Ranch Preserve, located approximately 17 miles northwest of the Project at a section of Dry Creek that is currently lacking in trees and shrubs.

During review of the proposed Project components, including the Revegetation/Restoration Plan, Caltrans determined the potential for cultural resources to be present in the vicinity of restoration efforts. Subsequently, Caltrans has requested that additional cultural documentation be completed for the County's proposed revegetation efforts within the SRT Homer Ranch Preserve. In compliance with Caltrans' request, the following Cultural Resources Task is proposed to be completed by Dokken Engineering's registered archaeologists and environmental planning team. A cost proposal for the following scope of work is attached.

Task 1. Cultural Resources

A cultural resource records search of the revegetation area will be conducted at the Southern San Joaquin Valley Information Center (SJVIC), located at California State University, Bakersfield. The SJVIC is the state-designated repository for records concerning cultural resources in Tulare County. The records search will provide information on known cultural resources and on previous cultural resources investigations within the Supplemental Area of Potential Effects (APE) that encompasses the revegetation area and the surrounding area. Data sources that will be consulted at the SJVIC include archaeological site records, reports from previous archaeological investigations, historic maps, and the state's Historic Resource Inventory, which contains listings for National Register of Historic Places (NRHP), California Register of Historical Resources (CRHR), California Historical Landmarks, and California Points of Historical Interest. Additionally, research will also be conducted at the following repositories, as necessary: Tulare County Library, Tulare County Offices; Tulare County Historical Society; California State Library in Sacramento; and the Shields Library at the University of California, Davis.

Dokken Engineering will conduct a systematic field survey of portions of the Supplemental APE. The ground surface will be visually examined by an archaeologist for evidence of prehistoric (Native American) or historic (non-Native American) archaeological materials and other potential historic resources (e.g., building foundations, mining remnants, or canals). To meet State standards, any previously unrecorded resources identified during the survey will be recorded on State of California DPR 523 forms.

This scope assumes the County will be conducting Section 106 and AB 52 consultation.



DOKKEN ENGINEERING

Transportation Solutions from Concept to Construction

1.1 Supplemental Area of Potential Effects (APE) Map

Dokken Engineering will coordinate with Caltrans cultural staff to draft and finalize a Supplemental APE map which will delineate a boundary encompassing all anticipated direct and indirect impacts associated with the revegetation area. This will include all materials and equipment staging areas and the area necessary to complete the revegetation efforts. The Supplemental APE will determine the limits of field surveys and report documentation.

Deliverable: Supplemental APE Map

1.2 Supplemental Historic Property Survey Report (SHPSR)/Supplemental Archaeological Survey Report (SASR)

All cultural resource efforts will be completed in compliance with Section 106 of the National Historic Preservation Act (NHPA) and will follow the requirements set forth in the Caltrans Environmental Handbook Volume II, Cultural Resources and the First Amended Programmatic Agreement among the Federal Highway Administration, the Advisory Council on Historic Preservation, the California State Historic Preservation Officer, and the California Department of Transportation Regarding Compliance with Section 106 of the National Historic Preservation Act, as it pertains to the administration of the Federal-aid Highway Program in California.

Deliverable: SHPSR/SASR

1.3 Extended Phase I Investigations (Optional)

In the event that Caltrans requires Extended Phase I (XPI) testing to determine the potential for buried archaeological materials to be present within the project limits, Dokken will prepare a Caltrans formatted XPI Proposal which will detail testing locations and excavation methodology. Upon Caltrans approval, Dokken will then implement the XPI testing plan and will prepare a report documenting the results of the findings. This scope does not include Phase II or III testing/recovery.

Deliverables: Extended Phase I Testing Plan; Extended Phase I Testing Results

1.4 Finding of Effect / ESA Action Plan (Optional)

In the event that Caltrans requires a Finding of Effect for potential cultural resources at the revegetation site, Dokken will prepare a Caltrans formatted Finding of Effect and Environmental Sensitive Area (ESA) Action Plan. Upon Caltrans approval, Dokken will then implement the ESA Action Plan in coordination with Sequoia Riverlands Trust.

Deliverables: Finding of Effect / ESA Action Plan

1.3 Archaeological Monitoring / Data Recovery Management Plan (Optional)

In the event that Caltrans requires archaeological monitoring at the revegetation site, Dokken archaeologists will prepare a Data Recovery Management Plan prior to monitoring efforts. During digging and tree installation at the revegetation site, Dokken archaeologists will provide monitoring efforts and implement the Data Recovery Management Plan if any cultural resources are recovered.

Deliverables: Archaeological Monitoring and Data Recovery Management Plan

EXHIBIT 10-H1 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 Prime Consultant Subconsultant 2nd Tier Subconsultant
 Consultant: Dokken Engineering
 Project No. _____ Contract No. _____ Date December 9, 2019
 Project Name Environmental Services South Fork Kaweah River Bridge (Br. No. 46C0195)

DIRECT LABOR

Classification/Title	Name	Range	Hours	Actual Hr Rate	Total
Environmental QA/QC	Namat Hosseinion	\$55.00 - \$75.00	1	\$ 75.00	\$ 75.00
Environmental Manager	Sarah Holm	\$32.00 - \$55.00	14	\$ 55.00	\$ 770.00
Associate Environmental Planner/Archaeologist	STAFF	\$32.00 - \$55.00	316	\$ 38.00	\$ 12,008.00
GIS Specialist	STAFF	\$17.00 - \$35.00	4	\$ 35.00	\$ 140.00
			335		

LABOR COSTS

a) Subtotal Direct Labor Costs	\$ 12,993.00
b) Anticipated Salary Increases	\$ 0.00
c) TOTAL DIRECT LABOR COSTS [(a) + (b)]	\$ 12,993.00

INDIRECT COSTS

d) Fringe Benefits (Rate: <u>73.44%</u>)	c) Total Fringe Benefits [(c) x (d)]	\$ 9,542.06
f) Overhead (Rate: <u>9.52%</u>)	g) Overhead [(c) x (f)]	\$ 1,236.93
h) General and Administrative (Rate: <u>78.71%</u>)	i) Gen & Admin [(c) x (h)]	\$ 10,226.79
	j) TOTAL INDIRECT COSTS [(e) + (g) + (i)]	\$ 21,005.78

FIXED FEE

k) TOTAL FIXED FEE [(c) + (j)] x fixed fee 10%] \$ 3,399.88

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

Description of Item	Quantity	Unit	Unit Cost	Total
Area or Potential Effect Map	1	Each	\$ 500.00	\$ 500.00
i) TOTAL OTHER DIRECT COSTS			\$ 500.00	\$ 500.00

m) SUBCONSULTANTS' COSTS (Add additional pages if necessary)

m) TOTAL SUBCONSULTANTS' COSTS \$ -

n) TOTAL OTHER DIRECT COSTS INCLUDING SUBCONSULTANTS [(l) + (m)] \$ 500.00

TOTAL COST [(c) + (j) + (k) + (n)] \$ 37,898.66

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.

EXHIBIT 10-H1 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 \$12,993.00	Total Hours per Cost Proposal 335	=	Avg Hourly Rate \$38.79	5 Year Contract Duration Year 1 Avg Hourly Rate
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1. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)

	Avg Hourly Rate		Proposed Escalation		
Year 1	\$38.79	+	3.0%	=	\$39.95
Year 2	\$39.95	+	3.0%	=	\$41.15
Year 3	\$41.15	+	3.0%	=	\$42.38
Year 4	\$42.38	+	3.0%	=	\$43.65
					Year 2 Avg Hourly Rate
					Year 3 Avg Hourly Rate
					Year 4 Avg Hourly Rate
					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%	*	335	=	335	Estimated Hours Year 1
Year 2	0.0%	*	335	=	0	Estimated Hours Year 2
Year 3	0.0%	*	335	=	0	Estimated Hours Year 3
Year 4	0.0%	*	335	=	0	Estimated Hours Year 4
Year 5	0.0%	*	335	=	0	Estimated Hours Year 5
Total	100.000%		Total	=	335	

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	\$38.79	*	335	=	\$12,993.00	Estimated Hours Year 1
Year 2	\$39.95	*	0	=	\$0.00	Estimated Hours Year 2
Year 3	\$41.15	*	0	=	\$0.00	Estimated Hours Year 3
Year 4	\$42.38	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$43.65	*	0	=	\$0.00	Estimated Hours Year 5
			Total Direct Labor Cost with Escalation	=	\$12,993.00	
			Direct Labor Subtotal before Escalation	=	\$12,993.00	
			Estimated total of Direct Labor Salary Increase	=	\$0.00	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 #
2. An estimation that is based on direct labor multiplied by salary increase % multiplied by the # of years is not acceptable.
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.

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,
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**: Richard T. Liptak, PE Title**: President

Signature: *Richard T. Liptak* Date of Certification (mm/dd/yyyy): 12/9/2019

Email**: rliptak@dokkenengineering.com Phone Number: (916) 858-0642

Address: 110 Blue Ravine Road, Suite 200, Folsom, CA 95630-4713

**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 Services



COST PROPOSAL - ESTIMATED HOURS BY TASK
COUNTY OF TULARE
M348 South Fork Kaweah River Bridge
Cultural Report for Mitigation Site
December 9, 2019

Task Description	DOKKEN ENGINEERING									
	Nanuet Hestrichsen Environmental QA/QC	Sarah Holm Environmental Manager	Associate Environmental Planner/Archaeologist	GIS Specialist	TOTAL HOURS	LABOR COST	OH Rate: 161.67%	Fee 10%	OTHER DIRECT COST	TOTAL COST
FULLY BURDENED RATE	\$ 215.88	\$ 358.31	\$ 109.38	\$ 100.74						
RAW RATE	\$ 75.00	\$ 55.00	\$ 38.00	\$ 35.00						
PROJECT MANAGEMENT		6			6	\$ 330.00	\$ 533.51	\$ 86.35	\$ -	\$ 949.86
6.1.1 Project Management		2			2	\$ 110.00	\$ 177.84	\$ 28.78		\$ 316.62
6.1.2 Quality Control		4			4	\$ 220.00	\$ 355.67	\$ 57.57		\$ 633.24
TASK 1 - CULTURAL RESOURCES	1	8	316	4	329	\$12,683.00	\$20,472.27	\$ 3,313.53	\$ 600.00	\$36,948.80
1.1 Supplemental Area of Potential Effect Map		4	4	4	12	\$ 612.00	\$ 827.75	\$ 133.96	\$ 500.00	\$ 1,973.73
1.2 Supplemental Historic Property Survey Report/Supplemental Archaeological Survey Report	1	4	52		57	\$ 2,271.00	\$ 3,671.53	\$ 594.25		\$ 6,536.78
1.3 Extended Phase I Investigations (OPTIONAL)			140		140	\$ 5,320.00	\$ 8,600.84	\$ 1,392.08		\$ 15,312.93
1.4 Finding of Effect / ESA Action Plan (OPTIONAL)			30		30	\$ 1,140.00	\$ 1,843.04	\$ 299.30		\$ 3,281.34
1.5 Data Management Recovery Plan / Archaeological Monitoring (OPTIONAL)			90		90	\$ 3,420.00	\$ 5,529.11	\$ 894.91		\$ 9,844.03
Total Hours WITHOUT OPTIONAL	1	14	56	4	75					
Total Cost WITHOUT OPTIONAL	\$ 215.88	\$ 2,216.35	\$ 6,126.17	\$ 402.97		\$ 3,113.00	\$ 5,032.79	\$ 814.58	\$ 500.00	\$ 9,460.37
Total Hours	1	14	316	4	335					
Total Cost	\$ 215.88	\$ 2,216.35	\$ 34,663.48	\$ 402.97		\$ 12,093.00	\$ 21,005.78	\$ 3,309.88	\$ 500.00	\$37,898.66