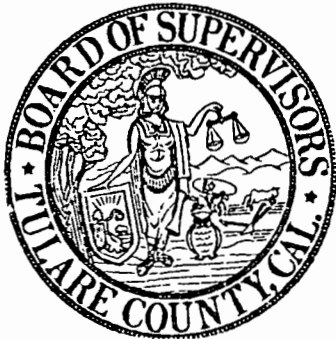


**BEFORE THE BOARD OF SUPERVISORS  
COUNTY OF TULARE, STATE OF CALIFORNIA**

IN THE MATTER OF FIRST AMENDMENT )  
TO AGREEMENT NO. 27512 WITH QUINCY ) Resolution No. 2018-0551  
ENGINEERING FOR THE M348 SOUTH ) Agreement No. 27512-A  
FORK KAWEAH RIVER BRIDGE PROJECT )

UPON MOTION OF SUPERVISOR ENNIS, SECONDED BY SUPERVISOR CROCKER, THE FOLLOWING WAS ADOPTED BY THE BOARD OF SUPERVISORS, AT AN OFFICIAL MEETING HELD JUNE 26, 2018, BY THE FOLLOWING VOTE:

AYES: SUPERVISORS CROCKER, VANDER POEL, SHUKLIAN, WORTHLEY,  
AND ENNIS  
NOES: NONE  
ABSTAIN: NONE  
ABSENT: NONE



ATTEST: MICHAEL C. SPATA  
COUNTY ADMINISTRATIVE OFFICER/  
CLERK, BOARD OF SUPERVISORS

BY: Mary Rorello  
Deputy Clerk

\*\*\*\*\*

1. Approved the First Amendment to Agreement No. 27512 with Quincy Engineering to increase the original contract amount by \$30,200 to complete additional engineering services that were not included at the time of the initial contract agreement; and
2. Authorized the Chairman to sign the First Amendment to Agreement No. 27512.



**Resource Management  
Agency  
COUNTY OF TULARE  
AGENDA ITEM**

**BOARD OF SUPERVISORS**

KUYLER CROCKER  
District One

PETE VANDER POEL  
District Two

AMY SHUKLIAN  
District Three

J. STEVEN WORTHLEY  
District Four

MIKE ENNIS  
District Five

**AGENDA DATE:** June 26, 2018

Public Hearing Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Scheduled Public Hearing w/Clerk	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Published Notice Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Advertised Published Notice	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
County Counsel Sign-Off	Yes	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
Meet & Confer Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Electronic file(s) has been sent	Yes	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
Budget Transfer (Aud 308) attached	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Personnel Resolution attached	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Agreements are attached and signature line for Chairman is marked with tab(s)/flag(s)	Yes	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>

CONTACT PERSON: Celeste Perez    PHONE: (559) 624-7010

**SUBJECT:** First Amendment to Agreement No. 27512 with Quincy Engineering for the M348 South Fork Kaweah River Bridge Project

**REQUEST(S):**  
That the Board of Supervisors:

1. Approve the First Amendment to Agreement No. 27512 with Quincy Engineering to increase the original contract amount by \$30,200 to complete additional engineering services that were not included at the time of the initial contract agreement; and
2. Authorize the Chairman to sign the First Amendment to Agreement No. 27512.

**SUMMARY:**  
The M348 South Fork Kaweah River Bridge Project (Project) consists of the replacement of the existing functionally obsolete, fracture critical, one-lane bridge on M348 over South Fork Kaweah River with a new, approximately 94-foot long by 18-foot wide, one-lane bridge. The bridge is located approximately 10 miles southeast of the community of Three Rivers along M348.

The County is the lead agency for the Project to replace the existing functionally obsolete bridge. The Project will be fully reimbursed (no local match required) by the Federal Highway Administration (FHWA) through the Highway Bridge Program (HBP) with the use of "toll credits."

County previously entered into an agreement with Quincy Engineering, Inc. (Agreement No. 27512) to assist the County with the design and preparation of

**SUBJECT:** First Amendment to Agreement No. 27512 with Quincy Engineering for the M348 South Fork Kaweah River Bridge Project

**DATE:** June 26, 2018

construction plans for the project. This amendment to agreement adds scope and fee required by Quincy Engineering to complete additional engineering services that were not included at the time of the initial contract agreement. Additional engineering services include design of two non-standard retaining walls, supplemental geotechnical investigations, and extensive coordination with concrete companies, suppliers, bridge prefabricators and precast companies due to the remoteness of the bridge location.

The amendment will increase the contract amount by \$30,200 to cover all previously described changes to the original project scope, bringing the new not to exceed dollar amount to \$548,817.38. Furthermore, the agreement also extends the time of performance to December 31, 2021.

The additional items of work identified under this agreement amendment will be performed under the same terms and conditions as in the original agreement, unless otherwise stated.

**FISCAL IMPACT/FINANCING:**

No Net County Cost.

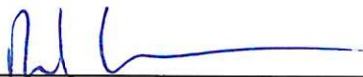
The initial contract with Quincy Engineering for the M348 South Fork Kaweah River Bridge Project was approved by your Board in the amount of \$519,000 (Tulare County Agreement No. 27512).

The additional engineering support services, in the amount of \$30,200, will be fully funded by Federal Highway Administration (FHWA) through the Highway Bridge Program (HBP) with the use of "toll credits."

**LINKAGE TO THE COUNTY OF TULARE STRATEGIC BUSINESS PLAN:**

**Safety and Security and Economic Well Being** – This project will enhance the safety and security of the public by improving the transportation infrastructure for both the general population in the region and the motorists using this facility.

**ADMINISTRATIVE SIGN-OFF:**



Reed Schenke, P.E.

Director

cc: County Administrative Office

Attachment(s): Attachment A – First Amendment to Agreement No. 27512 with Quincy Engineering for the M348 South Fork Kaweah River Bridge Project

## **Attachment “A”**

First Amendment to Agreement No. 27512 with Quincy  
Engineering for the M348 South Fork Kaweah River Bridge  
Project

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

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**THIS FIRST 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, 2021. 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:

THIRTY THOUSAND TWO HUNDRED DOLLARS AND NO CENTS (\$30,200.00) 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 FIVE HUNDRED FORTY-EIGHT THOUSAND EIGHT HUNDRED SEVENTEEN DOLLARS AND THIRTY-EIGHT CENTS (\$548,817.38). 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 First Amendment becomes effective as of June 26, 2018.

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

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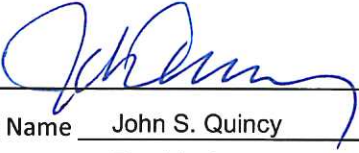
**FIRST AMENDMENT TO  
TULARE COUNTY AGREEMENT NO. 27512**

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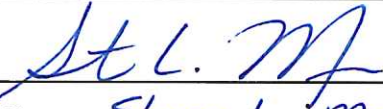
**THE PARTIES**, having read and considered the above provisions, indicate their agreement by their authorized signatures below.

**QUINCY ENGINEERING, INC.**

Date \_\_\_\_\_

By  \_\_\_\_\_  
Print Name John S. Quincy \_\_\_\_\_  
Title President \_\_\_\_\_

Date \_\_\_\_\_

By  \_\_\_\_\_  
Print Name Steven L. Mellon \_\_\_\_\_  
Title 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: MICHAEL C. SPATA  
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 # 2018767

## **Exhibit A - 1**

### **Additional Scope of Work**

April 11, 2018

T10-300

Jason Vivian  
Tulare County  
Resource Management Agency  
5961 South Mooney Blvd.  
Visalia, CA 93277

**Subject: South Fork Kaweah River Bridge – Amendment Request**

Dear Mr. Vivian,

As you are aware, there is out of scope work for the South Fork of the Kaweah River Bridge Replacement Project that needs to be completed. This includes extensive coordination with concrete companies, suppliers, bridge prefabricators and precast companies due to the remote site location. Also, the original scope did not include retaining walls on the project. The out of scope work for these non-standard retaining walls will include addition effort for design as well as for the geotechnical subconsultant (Taber).

Included with this package is a combined scope and corresponding fee for the additional work as well as Taber's request to Quincy. The total request for this out of scope work is \$30,200.

If you have any questions, feel free to contact me.

Sincerely,

**Quincy Engineering, Inc.**



**Lance A. Schrey**

**Project Manager**

Attachments: Amendment 1 - Scope of Work  
Exhibit B-1 – Fee  
10-H Form  
Taber Request

developing YOUR vision | delivering YOUR project



# AMMENDMENT 1 - SCOPE OF WORK

**Quincy Engineering, Inc. (Quincy)** provides the following scope of work and attached corresponding fee (Exhibit A) to address out of scope work for the replacement of the South Fork Kaweah River Bridge on road M348 (**Bridge Number 46C0195**) in **Tulare County (County)**.

The out of scope work will include extensive coordination with concrete companies to determine the possibility of providing cast-in-place (CIP) concrete to the site as well as the cost to get CIP concrete to the site. Also, additional coordination will be required with prefabricated bridge companies and precast concrete companies to determine alternative options and costs. This additional effort will augment the original Task 1.3 (Project Management & Schedule).

The new bridge will require two retaining walls, which was not reflected in the original scope and fee. The retaining wall on the north side of the river will be approximately 85 feet long by 8 feet high and the retaining wall on the south side of the river will be approximately 50 feet long by 8 feet high. Both walls are anticipated to be soldier pile walls (non-standard). The extra work for this is reflected in new tasks 4.6 (Supplemental Geotechnical Services – Retaining Walls) and 7.14 (Soldier Pile Wall) shown below.

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## **TASK 1 – PROJECT MANAGEMENT**

### **Task 1.3 - Project Management & Schedule**

**Quincy** will coordinate with concrete suppliers to determine cast-in-place concrete prices due to the remote location and challenging access road. Quincy will also coordinate with prefabricated bridge companies and precast concrete companies to determine approximate superstructure costs (for both the steel superstructure, precast concrete deck panels and possible precast abutments).

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## **TASK 4 – GEOTECHNICAL**

### **Task 4.6 – Supplemental Geotechnical Services – Retaining Walls**

**Taber** will perform a site visit, which will include limited testing along the proposed retaining wall lines. Field tests will include review of the existing cut slopes, a seismic refraction survey (to evaluate excavation/rippability) and possible hand probes or shallow test pits in an effort to evaluate foundation conditions and materials along the wall lines. The results will be summarized and incorporated into the Foundation Report along with recommendations for the retaining wall foundations.

## **TASK 7 – PS&E**

### **TASK 7.14 – Soldier Pile Wall**

**Quincy** will utilize recommendations from **Taber** to design two non-standard retaining walls. One retaining wall is assumed to be 85 feet long by 8 feet high and the second wall is assumed to be 50 feet long by 8 feet high. This task will include the following:

- Retaining wall design for 2 walls
- Plan preparation (assume 2 additional sheets)
- Independent check of the walls
- Quantity calculations for both walls
- Quantity check calculations for both walls
- Additional Special Provisions required for the walls

**Exhibit B - 1**  
**Cost Summary**

# Cost Proposal

## Tulare County - South Fork Kaweah River Bridge

---

Date: 4/11/2018

**Quincy Engineering, Inc.**

Direct Labor:	\$7,512.60
Escalation for Multi-Year Project (3.5%):	\$262.94
<b>Overhead (1.64):</b>	<b>\$12,743.33</b>

A. Labor Subtotal \$20,518.88

**Subconsultant Costs:**

Lane	\$0.00
Taber	\$7,080.00
Avila	\$0.00
Dokken	\$0.00
	\$0.00
	<b>\$0.00</b>

B. Subconsultant Subtotal \$7,080.00

**Other Direct Costs:**

Plotter/Computer	hours @	\$10.00	\$0.00
Travel	0 miles @	\$0.565	\$0.00
Pier Diem/ Hotel	0 days @	\$150.00	\$0.00
Phone/Fax			\$0.00
Delivery	0 @	\$25.00	\$0.00
Survey Prevailing Wage Differential			\$0.00
Vellum / Mylars	2 sheets @	\$25.00	\$50.00
Title Reports	0 @	\$500.00	\$0.00
11 X 17 Reproduction	10 @	\$0.10	\$1.00
Mounting Boards for Presentations	0 @	\$100.00	\$0.00
Newsletters (Translation and printing)			
Mailings (6x)			

C. Other Direct Cost Subtotal: \$51.00

Labor Subtotal A. =	\$20,518.88
<b>Fee (12.0%):</b>	<b>\$2,462.27</b>
Subconsultant Subtotal B. =	\$7,080.00
<b>Fee (0.0%):</b>	<b>\$0.00</b>
Other Direct Cost Subtotal: C. =	\$51.00
<b>Fee (0.0%):</b>	<b>\$0.00</b>

TOTAL = **\$30,112.14**

Note: Invoices will be **based upon actual QEI hourly rates** plus overhead at 163.89% plus prorated portion of fixed fee. Subconsultant and Other Direct Costs will be billed at actual cost.

Total not to Exceed= **\$30,200**



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

**Quincy Engineering Inc.**

**CONSULTANT COST PROPOSAL**

**CONSULTANT:** Quincy Engineering

**DIRECT LABOR**

Name	Classification	Range	Hours	Initial Hourly Rate	Total
John Quincy	Principal in Charge	\$70-\$105	2 @	\$86.00	\$172.00
Lance Schrey	Project Manager - PM	\$60 - \$87	14 @	\$82.90	\$1,160.60
Scott Mc Cauley	Senior Engineer - DE	\$49 - \$79	60 @	\$60.80	\$3,648.00
Assistant Bridge Eng.	Assistant Engineer - DE	\$32 - \$55	8 @	\$38.00	\$304.00
Greg Young	Senior Engineer - Spec.s	\$49 - \$79	2 @	\$67.70	\$135.40
John Quincy	Principal Engineer (QC/QA)	\$70-\$105	2 @	\$86.00	\$172.00
Drafter	Drafter 2	\$22 - \$37	16 @	\$30.00	\$480.00
Bob Maechler	CADD Manager	\$34 - \$56	2 @	\$47.10	\$94.20
Phyllis Jorden	Admin	\$12 - \$55	4 @	\$36.60	\$146.40
		\$25 - \$40	0 @	\$65.00	\$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	24 @	\$50.00	\$1,200.00
		\$45 - \$70	0 @	\$0.00	\$0.00

134	
<b>Subtotal Direct Labor Costs</b>	<b>\$7,512.60</b>
4%	<b>Anticipated Salary Increases</b>
	<b>\$262.94</b>

TOTAL - Direct Labor **\$7,775.54**

**INDIRECT COSTS**

	Rate	Total
Overhead	163.89%	\$12,743.33
Fringe Benefit (Included in OH)	0.00%	
General & Administrative (Included in OH)	0.00%	
	163.89%	

TOTAL - Indirect Costs **\$12,743.33**

**FEE** ( 12.00% )

TOTAL - Fee **\$2,462.27**

**OTHER DIRECT COSTS**

			Total
Travel Costs	0 @	\$0.565	\$ -
Per Diem / Hotel	0 @	\$150.00	\$ -
Vellums	2	\$25.00	\$ 50.00
Overnight Service	0 @	\$25.00	\$ -
Mounting Boards	0 @	\$100.00	\$ -
11 x 17 copies	10 @	\$0.10	\$ 1.00

**\$51.00**

TOTAL COST **\$23,032.15**

Subcontractor Costs

**\$ 7,080.44**

**Total Contract**

**\$ 30,112.60**

Total Cost not to Exceed = **\$30,200.00**

March 9, 2018

Taber/CAInc File No. 2014-0059-1

Mr. Lance Schrey, PE  
Quincy Engineering, Inc.  
11017 Cobblestone Drive, Suite #100  
Rancho Cordova, CA 95670

Subject: **SUPPLEMENTAL GEOTECHNICAL SERVICES**  
M348 South Fork Kaweah River Bridge Replacement  
Existing Bridge No. 46C-0195  
Tulare County, California

Dear Mr. Schrey,

We have reviewed your preliminary plan showing the M438 at the South Fork Kaweah River Bridge Replacement (Sheet L1, dated 9/20/2017). The approaches to the bridge include retaining walls. Retaining Wall No.1 is shown to be 85 feet long between "SF" Sta. 11+15 to Sta. 12+00 and will retain the lower portion of west facing slope that partly exposes hard, intact granitic rock outcrop. Retaining Wall No. 2 is shown to be 50 feet long between "SF" Sta. 13+75 to Sta. 14+25 and will retain an existing cut-slope that exposes colluvium and residual soil. Tentatively, soldier pile walls are planned for these walls. Hard, intact rock and coarse granular materials (cobbles/boulders) will be a consideration for design/construction of vertical pile elements associated with a soldier pile wall.

We recommend additional field review of the site and limited testing along the proposed retaining wall lines to supplement the field exploration already completed. The field tests will include review of the existing cut slopes, a seismic refraction survey (to evaluate excavation/rippability) and possibly hand probes or shallow test pits in an effort to evaluate foundation conditions and materials along the wall lines. The results will be summarized and incorporated into the Foundation Report, along with recommendations for retaining wall foundations.

We request a contract amendment in the amount of \$7,100 to cover these changes. We are prepared to proceed with this work immediately after receipt of your authorization.

Please call if you have questions or require additional information.

**Crawford & Associates, Inc,**



Eric Nichols, PE, CEG  
Senior Project Manager

**M348 Bridge at South Fork Kaweah River  
Tulare County, California**

2014-0059-1

**CONTRACT No.** \_\_\_\_\_  
**SUB CONSULTANT:** **CRAWFORD & ASSOCIATES / TABER CONSULTANTS**  
**SUPPLEMENTAL GEOTECHNICAL SERVICES**

**SUBCONSULTANT COST PROPOSAL**  
 March 9, 2018

**DIRECT LABOR**

Name	Classification	Hours	Initial	Total
			Hourly Rate	
	Principal	0	\$56.48	\$0.00
	Senior Professional	22	\$43.04	\$946.88
	Senior Professional	0	\$42.00	\$0.00
	Staff Professional	26	\$30.93	\$804.18
	Admin. Assistant	0	\$17.00	\$0.00
	Admin. Assistant	0	\$20.18	\$0.00
		48		
		<b>Subtotal Direct Labor Costs</b>		\$1,751.06
		<b>Anticipated Salary Increases</b>	0%	\$0.00

TOTAL - Direct Labor \$1,751.06

**INDIRECT COSTS**

	Rate	Total
Overhead	90.00%	\$1,575.95
Fringe Benefit (Included in OH)	38.00%	\$665.40
General & Administrative (Included in OH)	110.00%	\$1,926.17
	238.00%	

TOTAL - Indirect Costs \$4,167.52

**FEE** ( 10.00% ) TOTAL - Fee \$591.86

**OTHER DIRECT COSTS**

	Total
Mileage (\$0.54/mile at 500 miles)	\$ 270.00
Professional Expenses (2 at \$150/day)	\$ 300.00
	\$ -
	\$ -
	\$570.00

TOTAL COST \$7,080.44

Subcontractor Costs  
**Total Contract** \$ 7,080.44