

AMENDMENT SEVEN TO AGREEMENT FOR ENGINEERING SERVICES
FOR
REPLACEMENT OF ST. HELENA CREEK BRIDGE AT WARDLAW STREET (14C-0035)
AND
REHABILITATION OF COOPER CREEK BRIDGE AT WITTER SPRINGS ROAD (14C-0102)
IN LAKE COUNTY, CALIFORNIA

THIS AMENDMENT TO AGREEMENT is made this _____ day of _____, 2025, by and between the County of Lake, hereinafter referred to as "COUNTY", and Consor Engineers, LLC, hereinafter referred to as "CONSULTANT".

WITNESSETH

WHEREAS, COUNTY and CONSULTANT have entered into an AGREEMENT dated June 2, 2015, Amendment One dated August 4, 2015, Amendment Two dated July 2, 2018, Amendment Three dated December 18, 2018, Amendment Four dated December 13, 2022, Amendment Five dated December 20, 2022, and Amendment Six dated December 19, 2024 to provide preliminary and final design, environmental services, right of way, bidding and construction assistance services in order to replace the St. Helena Creek Bridge at Wardlaw Street (14C-0035) and rehabilitate the Cooper Creek Bridge at Witter Springs Road (14C-0102); and

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

WHEREAS, Article XV, Section A, "MODIFICATION", of said Agreement allows modification by written amendment 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 hereby modified to read as follows:

"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 Exhibits "A", and "C", the provisions of this Agreement shall control."

2. ARTICLE VI, "COMPENSATION AND TERMS OF PAYMENT", Section B, is hereby modified to read as follows:

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 \$630,920.45 for St. Helena Creek Bridge at Wardlaw Street (14C-0035), \$457,220.00 for Cooper Creek Bridge at Witter Springs Road (14C-0102), and a total of \$1,088,140.45 without prior written authorization by COUNTY and formal Amendment to this Agreement.

St. Helena Creek Bridge at Wardlaw Street (14C-0035); Phase 1 Only	\$494,246.46
St. Helena Creek Bridge at Wardlaw Street (14C-0035); Total	\$630,920.45
Cooper Creek Bridge at Witter Springs Road (14C-0102); Phase 1 Only	\$188,070.00
Cooper Creek Bridge at Witter Springs Road (14C-0102); Total	\$457,220.00

In addition to the allowable incurred costs, COUNTY will pay CONSULTANT a fixed fee of \$29,238.84 (\$21,243.36 for Phase 1 Only) for St. Helena Creek Bridge at Wardlaw Street and \$20,846.14 (\$13,793.01 for Phase 1 Only) for Cooper Creek Bridge at Witter 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 June 2, 2015, Amendment One dated August 4, 2015, Amendment Two dated July 2, 2018, Amendment Three dated December 18, 2018, Amendment Four dated December 13, 2022, Amendment Five dated December 20, 2022, and Amendment Six dated December 19, 2024, shall remain in full force and effect.

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

COUNTY OF LAKE:

Chair, Board of Supervisors

ATTEST:

SUSAN PARKER
Clerk of the Board of Supervisors

By: _____

Conсор Engineers, LLC



Jason Jurrens, District Manager
California Transportation

APPROVED AS TO FORM:

LLOYD GUINTIVANO
County Counsel

By:  _____



February 22, 2025

Mr. David Bingham, PE
Lake County Public Works Department
255 North Forbes, 3rd Floor
Lakeport, CA 95433

**RE: Replacement of St. Helena Creek Bridge at Wardlaw Street (14C-0035) and
Rehabilitation of Cooper Creek Bridge at Witter Springs Road (14C-0102)**

Budget Amendment Request for Witter Project

Dear Mr. Bingham,

Consor North America, Inc (Conсор) has prepared the attached information in support of a contract scope and budget amendment request for the Witter Springs Road (14C-0102) project. Based on the strategy developed by the County and Consor, a portion of the required Type Selection effort and environmental studies required for NEPA/CEQA clearance will be funded with currently available project funding to a total amount less than \$80,000. This portion of the project's funding is approaching a lapse/reversion deadline. Utilizing available budget to complete critical path preliminary engineering and environmental studies will help utilize these funds to progress the project prior to their expiration. Consor understands that the County expects to issue a future amendment(s) to complete the remainder of the process NEPA/CEQA process.

The additional scope of services will be added for Preliminary Engineering (Task 3) and Environmental Studies (Task 4). The majority of the additional effort involves a portion of cultural studies and hazardous waste studies within Task 4. To complete the cultural resource studies and reports, Consor is requesting to add a subconsultant, **Far Western**, to our team for the Witter bridge. Far Western has already been added to the Wardlaw bridge project (also under this contract) but is needed on the Witter project as well. Hazardous waste studies will be completed by Crawford and Associates.

In addition to this amendment, supplemental budget will be required to fully complete environmental studies tasks related to NEPA/CEQA clearance. Based on the potential for extensive additional cultural studies under the XPI process, potential listing of new endangered species, and the need to complete the CEQA process; the future estimated budget amendment required could total approximately \$700,000. A detailed estimate has been provided to the County for planning and programming.

Please give me a call to discuss any questions or comments you may have on this proposed amendment request.

Sincerely,
Consor

A handwritten signature in blue ink that reads "Maxwell Katt".

Maxwell Katt, P.E.

Project Manager

maxwell.katt@consoreng.com c: 916.218.5820

Attachments:

- Scope of Work Revisions
- Budget Amendment Request

EXHIBIT C

SCOPE OF WORK

Rehabilitation of Cooper Creek Bridge at Witter Springs Road (14C-0102)

Scope for Budget Reallocation and Amendment

The following scope of work describes the changes to the original scope of work for Cooper Creek Bridge at Witter Springs Road (14C-0102) made under this amendment. The task structure follows the original contract and only includes those tasks or sub-tasks in that are modified as part of this amendment. This amendment request provides partial scope and budget for tasks related to formal Type Selection and NEPA/CEQA clearance. The amendment budget is based on currently available funding but is insufficient to complete Type Selection and NEPA/CEQA clearance activities. A future amendment will be required to complete those project milestones.

Rehabilitation of Cooper Creek Bridge at Witter Springs Road:

Task 3 – Preliminary Engineering

3.5 Preliminary Plans

Conсор has prepared a type selection memo that has received preliminary concurrence from Caltrans SLA. Revisions to this memo were not included in the original scope of work. Consor will update the type selection memo once, if needed, and will incorporate one round of comments from Caltrans. The updated draft will remain in the same format as the original memo and be delivered electronically (PDF).

Task 4 – Environmental Studies

4.1 Prepare Project Description and APE Map

Stantec will update the project description and provide comments on revised versions of the area of potential effects (APE) maps to reflect the latest preferred project. Consor will provide one update to the APE map if necessary.

Task 4.1 Deliverables

- Administrative draft, revised draft, and final project description (PDF only)
- Updated APE Map (PDF only)

4.2 NEPA/CEQA Technical Studies (Stantec)

4.2.3 Prepare Archaeological Survey Report/Historic Property Survey Report

Far Western, as a subcontractor to Stantec, will conduct an updated record search at the Northwest Information Center at Sonoma State University since the prior record search was conducted in 2015. Far Western will also complete an updated Native American outreach effort, consisting of an initial request of interested Native American contacts from the Native American Heritage Commission (NAHC) and sending follow-up letters, in coordination with Caltrans District 1, to the Native American tribal contacts provided by the NAHC. This scope is further defined below.

Development of the Area of Potential Effects Map

Conсор will provide Far Western with digital data of the project area from survey to aid in definition of the archaeological APE. The archaeological APE will need to include all vertical and horizontal areas subject to ground disturbance, including buried utility lines, access roads, or staging locations that are being constructed or improved for the project. It will also include the full boundaries of any identified cultural sites. The cultural resources inventory will proceed only when Caltrans has approved the APE, thus avoiding the need for additional time and funds should the APE change after the archaeological study has begun (or been completed).

Conduct Records Search and Literature Review

A records search was conducted in late 2015/early 2016, identifying two resources within the APE: steatite outcrop with pictograph (P-17-001456), and a midden deposit (P-17-001457). Additional resources were also identified within the one-quarter-mile records search extent. Far Western will request a records search UPDATE to account for any additional sites/studies that may have been documented/occurred in the intervening time. The records search will include a review of site records, survey reports, National Register and California Register of Historic Resources listings, as well as other relevant documents from the Northwest Information Center of the California Historical Resources Information System, Sonoma State University, Rohnert Park. The area of study will be the APE plus a one-quarter-mile buffer.

Conduct Native American Coordination

Far Western will coordinate consultation efforts with the Native American Heritage Commission and all Native American groups/interested parties identified by the Commission, including letters and maps describing the project, and follow-up calls, and in-field meetings if requested.

Conduct Assessment of the Potential for Buried Archaeological Resources

Pedestrian survey methods are often ineffective for identifying the location of buried archaeological resources, i.e., sites buried by naturally deposited sediments or deposits of artificial fill. As it is the responsibility of archaeologists to account for the entire archaeological record, it is important to assess both the large- and small-scale effects of landscape evolution to help ensure that the potential for buried sites is taken into account. As such, Far Western will review geologic maps of the area to study landform changes and determine potential sensitivity for buried resources within the APE. Conсор will provide Far Western with a detailed description of proposed project impact depths to ensure the accuracy of this assessment. Preliminary review of the project area indicates there is a very high probability for encountered buried soils, and a high sensitivity for surface deposits.

Complete Pedestrian Survey

A pedestrian survey will be conducted by a crew of two archaeologists who will inventory, in transects no greater than 15 meters apart, all safely accessible portions of the APE. The crew will also examine any exposed soils for evidence of cultural materials and record any undocumented resources. Resources will be recorded on Department of Parks and Recreation 523 Forms. The previously identified resources within the APE were recorded over 10 years ago and their records will require updating. The Far Western archaeological crew will take notes, photos, and locational data of the archaeological materials in the field.

Prepare Archaeological Survey Report (ASR)

Far Western will prepare an ASR to Caltrans standards (i.e., Caltrans Environmental Reference [SER] Volume 2 for Cultural Resources). The report will develop environmental and cultural contexts for the project region; document records search findings and consultation efforts with the Heritage Commission and local Native American groups/individuals; and describe field methods and results.

4.4 Initial Site Assessment (ISA)

To fulfill the requirement to evaluate the project for hazardous waste, Crawford will prepare a Phase 1 Initial Site Assessment (ISA) to evaluate the project site and adjacent properties for evidence of recognized environmental conditions (RECs) and/or potential RECs that may significantly impact the constructability, feasibility, and/or cost of the project. The ISA will be prepared in accordance with the procedures set forth in Caltrans' Standard Environmental Reference, Chapter 10, and ASTM E1527-21. The ISA will include the following elements:

- Records review: Crawford will contract with Environmental Risk Information Service (ERIS) to conduct a digital search of federal, state, local, and tribal environmental agency database records. These database records will be reviewed for information pertaining to the subject bridge, and properties within ASTM standard search radii applicable to each database.
- Physical Setting Review: The ISA review will include a summary of geologic and hydrogeologic conditions underlying the subject bridge and vicinity based on readily available geologic mapping from the US Geological Survey and the California Geological Survey, including the potential presence of naturally occurring asbestos (NOA).
- Historical Land Use Review: Crawford will utilize historical aerial photographs, historical USGS topographic maps, city directories, and Sanborn fire insurance maps (where available) to develop a history of property uses for the subject bridge and surrounding parcels back to the subject property's first development, or 1940, whichever is earlier.
- Site Reconnaissance: Crawford will perform a driving and walking reconnaissance of the subject bridge and vicinity to observe current conditions in the site vicinity, including evidence of the use or misuse of hazardous materials or petroleum products in the site vicinity.
- Interviews: Where warranted by observations and data, Crawford will make reasonable attempts to interview current and past property owners, tenants, and key site managers where names and contact information is provided. Crawford may also contact Tulare County Environmental Health Department personnel to inquire about department knowledge pertaining to the project alignment or other properties in the site vicinity, as warranted by the findings and reconnaissance.
- Soil Sampling: During reconnaissance, Crawford will collect soil samples to evaluate aerially lead (ADL) concentrations in soil NOA adjacent to the existing bridge and at the location.
- Report of Findings: Crawford will prepare draft and final reports including our observations, findings of potential impacts and Recognized Environmental Conditions, and any significant data

gaps or data failures; and recommendations for additional investigation and/or sampling as warranted by the findings and observations.

Task 4.4 Deliverables

Draft and Final ISA Report for each bridge

ISA Scope Assumptions:

- Soil samples to evaluate ADL and NOA will be collected as part of the site reconnaissance.
- The soil sampling is intended to be a screening level effort and is not intended to fully characterize the vertical or lateral extent of lead in the soil, or to provide all analytical data that might be necessary for off-site disposal of spoils.
- Sampling for ISA can be completed using hand tools.
- Access and/or rights-of-entry will be provided to private properties (if needed).
- If an encroachment permit is required by Lake County to complete this work the fee will be waived.
- Traffic control will not be required.
- Chain-of-title, Activity and Use Limitations, and Environmental Lien searches for the subject bridge or adjacent properties are not included in this scope of work.

**Amendment Request for partial NEPA/CEQA Completion Budget
Cooper Creek at Witter Springs Road (14C0102)**

[illegible]

Amendment Request for partial NEPA/CEQA Completion Budget
Cooper Creek at Witter Springs Road (14C0102)

Task No.	Project Number: N15L016CA Project Name: Rehabilitation of Cooper Creek Bridge at Witter Springs - Amendment #5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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Exhibit 10-H1 Cost Proposal Page 1 of 3

Cost-Plus-Fixed Fee or lump sum or Firm Fixed Price contracts

(Design, Engineering and Environmental Studies)

Note: Mark-ups are Not Allowed ☒ Prime Consultant ☐ Subconsultant ☐ 2nd Tier Subconsultant

Project: Rehabilitation of Cooper Creek Bridge at Witter Springs - Amendment #5

Consultant: Consor North America, Inc.

Project No. N15L016CA

Contract No. N/A

Date

3/4/2025

DIRECT LABOR

Classification/Title	Name	Initials	Hours	Actual Hourly Rate	Range	Total
Principal Engineer	Kali, Maxwell	MK	14	\$ 94.38	\$80 - \$135	\$ 1,321.32
Principal Engineer	Vaggione, Matthew	MMV	24	\$ 86.37	\$80 - \$135	\$ 2,072.88
Senior Engineer	Mitchell, Andrew	AKM	16	\$ 81.62	\$55 - \$125	\$ 1,305.92
Engineering Designer	Dixon, Mark	MAD	24	\$ 53.51	\$35 - \$95	\$ 1,284.24
Professional Engineer	Beltran, Kevin	KCB	8	\$ 54.40	\$45 - \$100	\$ 435.20
Senior Engineer	Cruz, Juan	JCC	8	\$ 76.40	\$55 - \$125	\$ 611.20
Engineering Designer	Clark, Olivia	OC	40	\$ 39.42	\$35 - \$95	\$ 1,576.80
Professional Engineer	Johnson, Anna	AKJ	0	\$ 60.70	\$45 - \$100	\$ -
Senior Survey Project Manager	Insh, Seth	SHI	0	\$ 89.75	\$65 - \$95	\$ -
Survey Project Manager	Dabu, Alfonso	ADD	0	\$ 57.30	\$45 - \$75	\$ -
Senior CAD Designer	Maechler, Bob	BRM	0	\$ 61.94	\$39 - \$75	\$ -
CAD Technician	Kenny, Patrick	PSK	16	\$ 43.58	\$30 - \$65	\$ 697.28
Project Accountant	Acol, Desiree	DVA	0	\$ 41.19	\$20 - \$60	\$ -
Principal Engineer	Ferguson, Robert	RGF	0	\$ 86.00	\$80 - \$135	\$ -
Engineering Designer	Edgar, Mahala	MAE	0	\$ 40.38	\$35 - \$95	\$ -
Principal Engineer	Morgan, Dace	DBM	0	\$ 88.03	\$80 - \$135	\$ -
Principal Engineer	McCauley, Scott	SAM	0	\$ 90.58	\$80 - \$135	\$ -
Professional Engineer	Wilson, Jared	JBW	0	\$ 62.76	\$45 - \$100	\$ -
Engineering Designer	Zubarev, Aleksandr	AAZ	0	\$ 44.22	\$35 - \$95	\$ -
CAD Technician	Smith, Anthony	AS	0	\$ 40.87	\$30 - \$65	\$ -
Principal Engineer	Young, Gregory	GRY	0	\$ 96.32	\$80 - \$135	\$ -
Engineering Designer	Cajegas, Cyam	CJC	0	\$ 52.07	\$35 - \$95	\$ -
Engineering Designer	Kravets, Jackson	JHK	0	\$ 43.05	\$35 - \$95	\$ -
Professional Engineer	Iten, Peter	PJI	0	\$ 54.40	\$45 - \$100	\$ -
Engineering Designer	Leahy, Derrick	DL	0	\$ 37.34	\$35 - \$95	\$ -
Engineering Designer	Bush, Tyler	TKB	0	\$ 36.20	\$35 - \$95	\$ -
Student Intern	Weatherford, McKinley	MW	0	\$ 22.00	\$18 - \$31	\$ -
			0	\$ -	\$ -	\$ -
			Subtotal:	150		\$ 9,304.84

LABOR COSTS

a) Subtotal Direct Labor Costs	\$ 9,304.84
b) Anticipated Salary Increases (see page 2 for calculation)	\$ -
c) Total Direct Labor Costs [(a) + (b)]	\$ 9,304.84

INDIRECT COSTS

d) Fringe Benefits (Rate: 39.00%)	e) Total Fringe Benefits [(c) x (d)]	\$ 3,628.89
f) Overhead (Rate: 124.89%)	g) Overhead [(c) x (f)]	\$ 11,620.81
h) General and Administrative (Rate: 0.00%)	i) Gen & Admin [(c) x (h)]	\$ -
j) Total Indirect Costs [(e) + (g) + (i)]		\$ 15,249.70
k) TOTAL FIXED FEE [(c) + (j)] x fixed fee 10.00%		\$ 2,455.45

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

Description of Item	Quantity	Unit	Unit Cost	Total
Mileage Costs	500	Miles	\$ 0.670	\$ 335.00
Per Diem/Hotel		Day	\$ -	\$ -
Equipment Rental and Supplies		EA	\$ -	\$ -
Permit Fees		EA	\$ -	\$ -
Vendor Reproduction				\$ -
Vellum		EA		\$ -
8 1/2 X 11 Reproduction		EA		\$ -
11 X 17 Reproduction		EA		\$ -
Mounting Boards for Presentations		EA		\$ -
Newsletters (Translation and printing)		EA		\$ -
Title Report		EA		\$ -
Miscellaneous	1	EA	\$ 38.51	\$ 38.51
l) TOTAL OTHER DIRECT COSTS				\$ 373.51

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

HDR WRECO	\$ -
Stantec	\$ 34,419.92
Crawford	\$ 17,946.37
BRI	\$ -
0	\$ -
0	\$ -
0	\$ -
0	\$ -
0	\$ -
m) TOTAL SUBCONSULTANTS' COSTS	\$ 52,366.49
n) Total Other Direct Costs INCLUDING SUBCONSULTANTS [(l)+(m)]	\$ 52,740.00
TOTAL COST [(c) + (j) + (k) + (n)]	\$ 79,750.00

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 cognizant agency or accepted by Caltrans.
- Anticipated salary increases calculation (page 2) must accompany.

Exhibit 10-H1 Cost Proposal Page 2 of 3
Cost-Plus-Fixed Fee or Lump Sum or 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
\$ 9,304.84	150	= \$62.03	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	\$62.03	+	5%	=	\$65.13	Year 2 Avg Hourly Rate
Year 2	\$65.13	+	5%	=	\$68.39	Year 3 Avg Hourly Rate
Year 3	\$68.39	+	5%	=	\$71.81	Year 4 Avg Hourly Rate
Year 4	\$71.81	+	5%	=	\$75.40	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%	*	150	=	150	Estimated Hours Year 1
Year 2	0.00%	*	150	=	0	Estimated Hours Year 2
Year 3	0.00%	*	150	=	0	Estimated Hours Year 3
Year 4	0.00%	*	150	=	0	Estimated Hours Year 4
Year 5	0.00%	*	150	=	0	Estimated Hours Year 5
	Total		Total	=	150	

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	\$62.03	*	150	=	\$9,304.84	Estimated Hours Year 1
Year 2	\$65.13	*	0	=	\$0.00	Estimated Hours Year 2
Year 3	\$68.39	*	0	=	\$0.00	Estimated Hours Year 3
Year 4	\$71.81	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$75.40	*	0	=	\$0.00	Estimated Hours Year 5
	Total Direct Labor Cost with Escalation			=	\$9,304.84	
	Direct Labor Subtotal before Escalation			=	\$ 9,304.84	
	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 # 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 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: Jason Jurrens, P.E. Title *: Regional Manager

Signature :  Date of Certification (mm/dd/yyyy): 3/4/2025

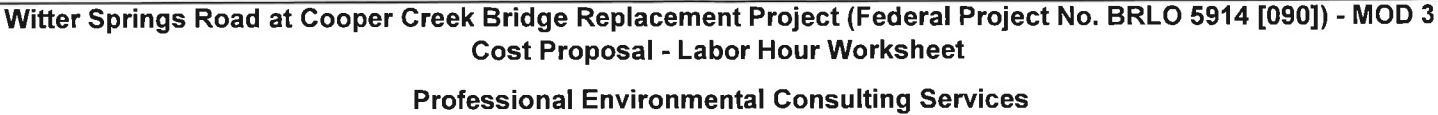
Email: jason.jurrens@consoreng.com Phone Number: 916.368.9181

Address: 11017 Cobblersrock Drive Suite 100 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:

Partial Type Selection and NEPA Clearance Studies



			\$ 44,601.42
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EXHIBIT 10-H1 COST PROPOSAL PAGE 1 OF 2**ACTUAL COST-PLUS-FIXED FEE OR LUMP SUM (FIRM FIXED PRICE) CONTRACTS**

DESIGN, ENGINEERING AND ENVIRONMENTAL STUDIES) Lake County DPW - Witter Springs Road @ St. Cooper Creek Bridge MOD

Note: Mark-ups are Not Allowed

☐

Prime Consultant

☒

Subconsultant

☐

2nd Tier Subconsultant

Consultant Stantec Consulting Services Inc.Project No BRLO-5914 (090)

Contract No. _____

Date 2/20/2025**DIRECT LABOR**

Classification/Title	Hours	Actual Hourly Rate	Total
Principal-In-Charge (BL 17)	0	\$ 117.00	\$0.00
Sr. Project Manager (BL 16)Lanning \$86	32	\$ 102.00	\$3,264.00
Principal Professional (BL 15) Wuestehube\$76.02	0	\$ 85.00	\$0.00
Senior Professional II (BL 14)	0	\$ 75.00	\$0.00
Senior Professional I (BL 13)MacGregor\$60.41	30	\$ 65.00	\$1,950.00
Professional II (BL 12) Eschen \$53.49 , Cullums\$49.01,Tona\$50.37,Wiechma	0	\$ 59.00	\$0.00
Project Professional I (BL 11) Duncan\$46.69, Mooney\$45.32	0	\$ 48.83	\$0.00
Assoc.Project Professional (BL 10)Pluth\$44.59	10	\$ 45.00	\$450.00
Staff Professional II (BL 9) Wilkey \$35.88	0	\$ 39.74	\$0.00
Assoc. Staff Professional (BL 8)	0	\$ 36.00	\$0.00
Tech/Admin/Clerical (BL 7) Stromer \$32.08	0	\$ 32.22	\$0.00
			\$0.00

LABOR COSTSTotal hours: 72

a) Subtotal Direct Labor Costs

\$5,664.00

b) Anticipated Salary Increases (see page 2 for sample)

\$309.48c) **TOTAL DIRECT LABOR COSTS [(a) + (b)]** \$5,973.48**FRINGE BENEFITS**

d) Fringe Benefits

(Rate: 32.97%)e) **Total Fringe Benefits**[(c) x (d)] \$1,969.46**INDIRECT COSTS**

f) Overhead

(Rate: 111.30%)

g) Overhead [(c) x (f)]

\$6,648.48

h) General and Administrative

(Rate: 10.65%)

i) Gen & Admin [(c) x (h)]

\$636.18j) **Total Indirect Costs [(e) + (g) + (i)]** \$9,254.12**FEE (Profit)**q) (Rate: 12.0%)k) **TOTAL FIXED PROFIT [(c) + (j)] x (q)]** \$1,827.31**OTHER DIRECT COSTS (ODC)****Description****Unit(s)****Unit Cost****Total**

l) Travel/Mileage Costs (supported by consultant actual costs) (Itemized below)

\$847.20

m) Equipment Rental and Supplies (itemized below)

\$0.00

n) Permit Fees (itemize)

\$0.00

o) Subconsultant Costs (detailed cost proposal attached for each subconsultant)

\$16,517.81p) **Total Other Direct Costs [(l) + (m) + (n) + (o)]** \$17,365.01**TOTAL COST [(c) + (j) + (k) + (p)]** \$34,419.92

ITEMIZATION - OTHER DIRECT COSTS (ODC)**Description**

l) Travel/Mileage Costs (supported by consultant actual costs)			
	Unit(s)	Unit Cost	Total
Mileage	560	\$0.670	\$375.20
Per Diem	2	\$136.000	\$272.00
		\$0.000	\$0.00
Car Rental	2	\$100.000	\$200.00
			\$0.00
			\$0.00
			\$0.00
		Subtotal (l)	\$847.20
m) Equipment Rental and Supplies (itemize)			
	Unit(s)	Unit Cost	Total
Black and white copies (8.5 x 11)	0	\$0.060	\$0.00
Black and white copies (11 x 17)	0	\$0.110	\$0.00
Color copies (8.5 x 11)	0	\$0.750	\$0.00
Color copies (11 x 17)	0	\$1.500	\$0.00
Graphics (Poster Boards)	0	\$45.000	\$0.00
Survey Supplies; Bat Detection Equipment	0	\$100.000	\$0.00
	0	\$0.000	\$0.00
Miscellaneous (Conf. Call/Mailing)	0	\$10.000	\$0.00
		Subtotal (m)	\$0.00
n) Permit Fees (itemize)			
	Unit(s)	Unit Cost	Total
	0	\$0.00	\$0.00
	0	\$0.00	\$0.00
	0	\$0.00	\$0.00
		Subtotal (n)	\$0.00
o) Subconsultant Costs			
	Unit(s)	Unit Cost	Total
Far Western	T&M	\$0.00	\$16,517.81
		\$0.00	\$0.00
		Subtotal (o)	\$16,517.81

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

Consultant Stantec Consulting Services Inc. Contract No. _____ Date 2/20/2025
 Prime Consultant

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
\$5,664.00	72	=	\$78.67	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	\$78.67	+	4.0%	=	\$81.81	Year 2 Avg Hourly Rate
Year 2	\$81.81	+	4.0%	=	\$85.09	Year 3 Avg Hourly Rate
Year 3	\$85.09	+	4.0%	=	\$88.49	Year 4 Avg Hourly Rate
Year 4	\$88.49	+	4.0%	=	\$92.03	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	5.00%	*	72.0	=	3.6	Estimated Hours Year 1
Year 2	55.00%	*	72.0	=	39.6	Estimated Hours Year 2
Year 3	40.00%	*	72.0	=	28.8	Estimated Hours Year 3
Year 4	0.00%	*	72.0	=	0.0	Estimated Hours Year 4
Year 5	0.00%	*	72.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	72.0	

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	\$78.67	*	4	=	\$283.20	Estimated Hours Year 1
Year 2	\$81.81	*	40	=	\$3,239.81	Estimated Hours Year 2
Year 3	\$85.09	*	29	=	\$2,450.47	Estimated Hours Year 3
Year 4	\$88.49	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$92.03	*	0	=	\$0.00	Estimated Hours Year 5
Total Direct Labor Cost with Escalation				=	\$5,973.48	
Direct Labor Subtotal before Escalation				=	\$5,664.00	
Estimated total of Direct Labor Salary Increase				=	\$309.48	Transfer to Page 1

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: Rusty Benkosky

Title*: Vice President

Signature: _____

Date of Certification: _____

Email: rusty.benkosky@stantec.com

Phone Number: (916) 669-5959

Address: 555 Capitol Mall, Suite 650, Sacramento, CA 95814-4583

*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:

Subconsultant to provide technical studies in support of NEPA approval; complete CEQA documentation, and provide permitting assistance

EXHIBIT 10-H1 SAMPLE 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 SubconsultantSubconsultant: Far Western Anthropological Research Group, Inc.Project No. Witter Bridge Task 2--XPI/Phase II ImplementationContract No. TBDDate 10/15/2024**DIRECT LABOR***Regular Employees*

Classification/Title	Name	Hours	Actual Hourly Rate	Total
Principal	Whitaker, Adrian	371	\$77.25	\$ 28,659.75
Principal	DeArmond, Shannon	32	\$68.00	\$ 2,176.00
Principal	Kaijankoski, Phil	224	\$68.00	\$ 15,232.00
Principal Investigator	Wohlgemuth, Eric	8	\$54.64	\$ 437.12
Principal Investigator	Younie, Angela	252	\$50.00	\$ 12,600.00
GIS Senior Analyst	Karthauser, Chelsea	106	\$39.30	\$ 4,165.80
GIS Senior Analyst	Nagy, Andras	46	\$38.20	\$ 1,757.20
GIS Analyst	Bradeen, Jill	28	\$35.00	\$ 980.00
GIS Analyst	Rice, Darla	28	\$35.00	\$ 980.00
GIS Analyst	Meredith, Chelsea	32	\$28.50	\$ 912.00
Lab Director	Harold, Laura	20	\$48.00	\$ 960.00
Lab Director	Armstrong-Ingram, Angela	60	\$40.00	\$ 2,400.00
Production Director	Pardee, Michael	24	\$42.14	\$ 1,011.36
Asst. Production Director	Sterling, Elizabeth	14	\$38.00	\$ 532.00
Production/Design Specialist	Cary, Nora	52	\$36.15	\$ 1,879.80
Production/Design Specialist	Louie, Aileen	68	\$24.00	\$ 1,632.00
Production Specialist	Kramm, Jacqueline	170	\$34.14	\$ 5,803.80
Senior Archaeologist/PM	Caretti, Gina	216	\$44.29	\$ 9,566.64
Senior Archaeologist	Carpenter, Timothy	48	\$41.26	\$ 1,980.48
Senior Archaeologist	Martisius, Naomi	240	\$41.00	\$ 9,840.00
Senior Archaeologist	Davis, Kathy	14	\$40.00	\$ 560.00
Senior Archaeologist	Bales, Emily	64	\$38.00	\$ 2,432.00
Senior Archaeologist	Hanrahan, Kathleen	188	\$37.50	\$ 7,050.00
Senior Archaeologist	Galindo Mayo, Patricia	174	\$36.00	\$ 6,264.00
Staff Archaeologist	Davies, Rachel	174	\$33.00	\$ 5,742.00
Staff Archaeologist	Castillo, Alexandra	146	\$32.50	\$ 4,745.00
Operations Supervisor	Tanner, Ashley	20	\$36.00	\$ 720.00
Logistics Coordinator	Townsend, Valarie	20	\$33.60	\$ 672.00
Safety Coordinator	St.Clair, Ozlem	4	\$39.00	\$ 156.00

LABOR COSTS (REGULAR EMPLOYEES)

a) Subtotal Direct Labor Costs

\$ 131,846.95

b) Anticipated Salary Increases (see page 2 for sample)

\$ 2,921.73

c) TOTAL DIRECT LABOR COSTS [(a) + (b)]

\$ 134,768.68

FRINGE BENEFITS (REGULAR EMPLOYEES)

d) Fringe Benefits Rate: 58.90%

e) TOTAL FRINGE BENEFITS

[(c) x (d)]

\$ 79,378.75

INDIRECT COSTS (REGULAR EMPLOYEES)

f) Overhead Rate: 31.99%

g) Overhead [(c) x (f)]

\$ 43,112.50

h) General and Administrative Rate: 34.65%

i) Gen & Admin [(c) x (h)]

\$ 46,697.35

j) TOTAL INDIRECT COSTS [(e) + (g) + (i)]

\$ 169,188.60

FIXED FEE

k) TOTAL FIXED PROFIT [(c) + (j) x fixed fee

10.00%

\$ 30,395.73

Facilities Capital Cost of Money

0.15%

\$ 501.53

10-h for Far Western provided only for Classification and Rates information purposes. Far Western budget is limited to \$16,517.81 for completion of Task 4.2.3 "Prepare ASR / HPSR" as a sub-consultant to Stantec

EXHIBIT 10-H1 SAMPLE 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 SubconsultantSubconsultant Far Western Anthropological Research Group, Inc.Project No. Witter Bridge Task 2--XPI/Phase II ImplementationContract No. TBDDate 10/15/2024**l) CONSULTANT'S OTHER DIRECT COSTS (ODC) - ITEMIZE (Add additional pages if necessary)**

Description of Item	Quantity	Unit	Unit Cost	Total
Meals/Incidentals	90	Day	\$68.00	\$ 6,120.00
Vehicle Rental (Week)	7	Week	\$500.00	\$ 3,500.00
Gasoline	--	At Cost	At Cost	\$ 3,070.00
Coring Rig	5	Day	\$4,000.00	\$ 20,000.00
Curation	3	Box	\$1,200.00	\$ 3,600.00
Obsidian Hydration (6-50)	50	Sample	\$26.00	\$ 1,300.00
Obsidian Sourcing (10+)	50	Sample	\$25.00	\$ 1,250.00
Radiocarbon	10	Sample	\$350.00	\$ 3,500.00
Toilet Rental	4	Week	\$360.00	\$ 1,440.00
Reproduction	--	At Cost	At Cost	\$ 1,300.00
l) TOTAL OTHER DIRECT COSTS				\$ 46,871.00

m) SUBCONSULTANT'S COSTS (Add additional pages if necessary)Subconsultant: Native American

	Total
	\$ 11,220.00
m) TOTAL SUBCONSULTANT'S COSTS	\$ 11,220.00

n) TOTAL OTHER DIRECT COSTS [(l) + (m)] \$ 58,091.00**TOTAL COST [(c) + (j) + (k) + (n)]** \$ 392,945.53**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 increase calculation (page 2) must accompany.

EXHIBIT 10-H1 SAMPLE 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

Subconsultant Far Western Anthropological Research Group, Inc.

Project No. Witter Bridge Task 2--XPI/Phase II Implementation

Contract No. TBD

Date 10/15/2024

Local Assistance Procedures Manual

EXHIBIT 10-H1
Cost Proposal

EXHIBIT 10-H1 SAMPLE COST PROPOSAL Page 2 of 3

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

(CALCULATIONS FOR ANTICIPATED SALARY INCREASES)

Subconsultant Far Western Anthropological Research Group, Inc.

Contract No. TBD

Date October 15, 2024

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

Direct Labor Subtotal per Cost	Total Hours per Cost Proposal		Avg. Hourly Rate	5 Year Contract Duration
\$131,846.95	2843	=	\$46.38	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	\$46.38	+	0%	=	\$46.38	Year 1 Avg Hourly Rate
Year 2	\$46.38	+	4%	=	\$48.23	Year 2 Avg Hourly Rate
Year 3	\$48.23	+	4%	=	\$50.16	Year 3 Avg Hourly Rate
Year 4	\$50.16	+	4%	=	\$52.17	Year 4 Avg Hourly Rate
Year 5	\$52.17	+	4%	=	\$54.25	Year 5 Avg Hourly Rate

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

	Estimated % Completed Each		Total Hours per Cost Proposal		Total Hours per Year	
Year 1	55%	*	2843	=	1563.7	Estimated Hours Year 1
Year 2	35%	*	2843	=	995.1	Estimated Hours Year 2
Year 3	10%	*	2843	=	284.3	Estimated Hours Year 3
Year 4	0%	*	2843	=	0.0	Estimated Hours Year 4
Year 5	0%	*	2843	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	2843.0	

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

	Avg Hourly Rate (calculated above)		Estimated Hours (calculated above)		Cost per Year	
Year 1	\$46.38	*	1564	=	\$72,515.82	Estimated Hours Year 1
Year 2	\$48.23	*	995	=	\$47,992.29	Estimated Hours Year 2
Year 3	\$50.16	*	284	=	\$14,260.57	Estimated Hours Year 3
Year 4	\$52.17	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$54.25	*	0	=	\$0.00	Estimated Hours Year 5
			Total Direct Labor Cost with Escalation	=	\$134,768.68	
			Direct Labor Subtotal before Escalation	=	\$131,846.95	
			Estimated Total of Direct Labor Salary Increase	=	\$2,921.73	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 % 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.
- Calculations for anticipated salary escalation must be provided.

COST PROPOSAL 1**COST-PLUS-FIXED FEE OR LUMP SUM OR FIRM FIXED PRICE CONTRACTS**

Note: Mark-ups are Not Allowed

☐ Prime Consultant ☒ Subconsultant ☐ 2nd Tier SubconsultantConsultant **Crawford & Associates, Inc.**

Project No. _____

Contract No. _____

Date **5/3/2024**Project Name **Cooper Creek at Witter Springs Road[Br. No. 14C-0102] (ISA only)****DIRECT LABOR**

Classification/Title	Name	Hours	Actual Hourly Rate	Total
Principal *	Benjamin Crawford	0.0	\$79.00	\$ -
Principal *	Eric Nichols	7.0	\$67.59	\$ 473.13
Principal *	Shawn Leyva	0.0	\$62.00	\$ -
Senior Project Manager	Chris Trumbull	0.0	\$74.67	\$ -
Project Manager II	TBD	0.0	\$56.44	\$ -
Project Manager I	TBD	0.0	\$50.00	\$ -
Senior Engineer / Geologist	TBD	33.0	\$45.38	\$ 1,497.54
Project Engineer II / Geologist	TBD	0.0	\$41.49	\$ -
Project Engineer I / Geologist	TBD	28.0	\$37.63	\$ 1,053.64
Staff Engineer / Geologist	TBD	12.0	\$34.25	\$ 411.00
Drafter	TBD	6.0	\$32.00	\$ 192.00
Senior Project Coordinator	TBD	0.0	\$36.75	\$ -
Project Coordinator	TBD	4.0	\$29.00	\$ 116.00
Administrative Assistant	TBD	2.0	\$29.75	\$ 59.50
Special Inspector	TBD	0.0	\$44.50	\$ -
Senior Technician	TBD	0.0	\$38.50	\$ -
Staff Technician	TBD	0.0	\$33.48	\$ -
Special Inspector I (Masonry) **	TBD	0.0	\$52.48	\$ -
Special Inspector II (Welding) **	TBD	0.0	\$51.05	\$ -
Laborer Technician **	TBD	4.0	\$37.63	\$ 150.52
Soils/Asphalt Technician **	TBD	0.0	\$48.25	\$ -
Concrete Technician **	TBD	0.0	\$45.58	\$ -
		96		

LABOR COSTS

a) Subtotal Direct Labor Costs

\$ 3,953.33

b) Anticipated Salary Increases (see page 2 for calculation)

\$0.00

c) **TOTAL DIRECT LABOR COSTS [(a) + (b)]** \$ 3,953.33**INDIRECT COSTS**

d) Fringe Benefits

Rate: 93.29% e) Total Fringe Benefits [(c) x (d)] \$ 3,688.06

f) Overhead

Rate: 116.79% g) Overhead [(c) x (f)] \$ 4,617.09

h) General & Administrative

Rate: 20.00% i) Gen & Admin [(c) x (h)] \$ 790.67

Combined ICR %: 230.08%j) **TOTAL INDIRECT COSTS [(e) + (g) + (i)]** \$ 9,095.82**FIXED FEE**k) **TOTAL FIXED FEE [(c) + (j)] x fixed fee 10%]**

\$ 1,304.92

l) CONSULTANT'S OTHER DIRECT COSTS (ODC) - ITEMIZE

Description of Item	Quantity	Unit	Unit Cost	Total
Mileage (Current IRS Rate)	250	Mile	\$ 0.67	\$ 167.50
Vehicle Charge	1	Day	\$ 25.00	\$ 25.00
Traffic Control Equipment (Shoulder signs, cones, etc.)	1	Day	\$ 200.00	\$ 200.00
Hand Auger (PW) **	1	Day	\$ 200.00	\$ 200.00
N.A.L (Asbestos and Lead Paint Inspection)	0	Cost	\$ 1,600.00	\$ -
Pace Analytical Laboratories	1	Cost	\$ 2,500.00	\$ 2,500.00
ERIS (document research and retrieval)	1	Cost	\$ 500.00	\$ 500.00
				\$ 3,592.50

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

Subconsultant 1: \$ -

Subconsultant 2: \$ -

m) TOTAL SUBCONSULTANT'S COSTS \$ -n) **TOTAL OTHER DIRECT COSTS INCLUDING SUBCONSULTANTS [(l) + (m)]** \$ 3,592.50

** Indicates prevailing wage work

TOTAL COST [(c) + (j) + (k) + (n)] \$ 17,946.57

CALCULATIONS FOR ANTICIPATED SALARY INCREASE

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
<u>\$3,953.33</u>	<u>96</u>	=	<u>41.18</u>	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	\$41.18	+	5.0%	=	\$43.24	Year 2 Avg Hourly Rate
Year 2	\$43.24	+	5.0%	=	\$45.40	Year 3 Avg Hourly Rate
Year 3	\$45.40	+	5.0%	=	\$47.67	Year 4 Avg Hourly Rate
Year 4	\$47.67	+	5.0%	=	\$50.06	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%	*	96	=	96.00	Est Hours Year 1
Year 2	0%	*	96	=	0.00	Est Hours Year 2
Year 3	0%	*	96	=	0.00	Est Hours Year 3
Year 4	0%	*	96	=	0.00	Est Hours Year 4
Year 5	0%	*	96	=	0.00	Est Hours Year 5
Total	100%		Total	=	96.00	

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	\$41.18	*	96	=	\$3,953.33	Est Hours Year 1
Year 2	\$43.24	*	0	=	\$0.00	Est Hours Year 2
Year 3	\$45.40	*	0	=	\$0.00	Est Hours Year 3
Year 4	\$47.67	*	0	=	\$0.00	Est Hours Year 4
Year 5	\$50.06	*	0	=	\$0.00	Est Hours Year 5
Total Direct Labor Cost with Escalation				=	\$3,953.33	
Direct Labor Subtotal before Escalation				=	\$3,953.33	
Estimated Total of Direct Labor Salary Increase				=	<u>\$0.00</u>	(Transfers 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 years = \$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.
- 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, Management, and Administration of Engineering and Design Related
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 In direct Cost Rate(s).

Prime Consultant or Subconsultant Certifying:

Name: Benjamin D. Crawford Title *: President

Signature :  Date of Certification: 5/3/2024

Email: ben.crawford@crawford-inc.com Phone Number: (916) 455-4225

Address: Crawford & Associates, Inc., 4701 Freeport Blvd., Sacramento, CA 95822

*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:

Geotechnical Engineering Services