

**SIXTH AMENDMENT  
AGREEMENT FOR ENGINEERING SERVICES  
FOR  
MATTOLE ROAD BRIDGE (04C-055)  
OVER MATTOLE RIVER AT HONEYDEW  
PROJECT No. 594055**

This Sixth Amendment to the Agreement for Professional Services dated January 24, 2012, as amended on May 13, 2014, March 22, 2016, December 6, 2016, April 19, 2022, and April 25, 2023, by and between the County of Humboldt, a political subdivision of the State of California, hereinafter referred to as “COUNTY,” and Morrison Structures, Inc., a California corporation, hereinafter referred to as “CONSULTANT,” is entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2024.

**WHEREAS**, on January 24, 2012, COUNTY and CONSULTANT entered into an Agreement for design engineering services (“Engineering Services Agreement”) to prepare bridge replacement plans for the Mattole Road Bridge (04C-055) over the Mattole River at Honeydew; and

**WHEREAS**, on May 13, 2014, COUNTY and CONSULTANT amended the Engineering Services Agreement in order to extend the deadline for delivery of services to March 31, 2016; and

**WHEREAS**, on March 22, 2016, COUNTY and CONSULTANT amended the Engineering Services Agreement in order to extend the deadline for delivery of services to March 31, 2019; and

**WHEREAS**, on December 6, 2016, COUNTY and CONSULTANT amended the Engineering Services Agreement in order to designate North State Resources, Inc. (Stantec Consulting Service Inc.) as the entity which CONSULTANT must assist in the development of environmental documentation; and

**WHEREAS**, on April 19, 2022, COUNTY and CONSULTANT amended the Engineering Services Agreement in order to compensate the consultant for additional design services due to higher level environmental documentation, additional alternative bridge type studies, construction impact analysis, recent changes to Caltrans seismic design codes, and changes to Caltrans review and approval process; and

**WHEREAS**, On April 25, 2023, the COUNTY and CONSULTANT amended the Engineering Services Agreement in order to compensate the consultant for redesign of bridge railing, redesign of bridge clear width and roadway geometry, modifications of the Structure Type Selection Report, and additional project management and coordination of engineering services; and

**WHEREAS**, the COUNTY and CONSULTANT now desire to further amend the Engineering Services Agreement in order to increase the maximum amount payable thereunder, adjust the rates of compensation set forth therein and extend the term thereof to Board of Supervisor’s final acceptance of the completed bridge project.

**NOW, THEREFORE**, the parties hereto mutually agree as follows:

1. Section 4.02A of Article IV – Time of Completion is hereby amended to read as follows:

4.02A CONSULTANT agrees to provide technical support to COUNTY through the advertisement for bids, evaluation of bids, selection of apparent low bidder and construction contract award processes. CONSULTANT further agrees to provide engineering services to support the COUNTY during the construction phase on an

as-requested basis. CONSULTANT's responsibility shall terminate 30 days following the Board of Supervisor's final acceptance of the completed bridge project, unless extended by mutual agreement of both parties.

2. Article V – Payment for Services of the Engineering Services Agreement is hereby amended to read as follows:
  - 5.01 COUNTY shall pay CONSULTANT for all engineering work required in the satisfactory completion of this Agreement an amount to be determined in accordance with the “Fee Schedule” attached hereto and marked Exhibit “C” and incorporated herein by reference as though fully set forth herein. The basis of payment for the services to be furnished shall be on an hourly rate plus non-salary expenses (other direct costs).
  - 5.02 It is mutually agreed between COUNTY and CONSULTANT that payments to CONSULTANT including the total amount of salaries and expenses shall not exceed \$868,656.00 for that work as set forth in Article II, as described in Exhibit “B” of this Agreement and the attached Summary Cost Estimate.
  - 5.03 Payments to CONSULTANT shall be based upon itemized invoices submitted by CONSULTANT. Invoices shall include a summary that identifies all applicable current costs with a summary of contract costs to date.
  - 5.04 CONSULTANT agrees that the Contract Cost Principles and Procedures, 48 CFR, Federal Acquisition Regulations System, Chapter 1, part 31 *et seq.*, shall be used to determine the permissibility of individual items of cost.
  - 5.05 CONSULTANT also agrees to comply with Federal procedures in accordance with 49 CFR, Part 18, Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments.
  - 5.06 Any costs for which payment has been made to CONSULTANT that are determined by subsequent audit to be unallowable under 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31 *et seq.*, or 49 CFR Part 18, Uniform Administrative requirements for Grants and Cooperative Agreements to State and Local governments, are subject to repayment by CONSULTANT to COUNTY.
  - 5.07 Any subcontract in excess of \$25,000.00 entered into as a result of the Agreement shall contain all the provisions of this Article.
  - 5.06 If COUNTY substantially alters the scope of work the maximum fee may be changed by Supplemental Agreement.
3. Exhibit C – Consultant's Fee Schedule of the Engineering Services Agreement, is hereby amended to include the additional costs set forth in Attachment A – Amended Consultant Fee Schedule, which is attached hereto and incorporated herein by reference as if set forth in full.
4. Except as modified herein, the Engineering Services Agreement dated January 24, 2012, as amended on May 13, 2014, March 22, 2016, December 6, 2016, April 19, 2022, and April 25, 2023, shall remain

in full force and effect. In the event of a conflict between the provisions of this Sixth Amendment and the original Engineering Services Agreement, or any prior amendments thereto, the provisions of this Sixth Amendment shall govern.

[Signatures on Following Page]

**IN WITNESS WHEREOF**, the parties hereto have executed this Sixth Amendment as of the effective date indicated above.

*TWO SIGNATURES ARE REQUIRED FOR CORPORATIONS:*

- (1) CHAIRPERSON OF THE BOARD, PRESIDENT, OR VICE PRESIDENT; AND*
- (2) SECRETARY, CHIEF FINANCIAL OFFICER OR ASSISTANT TREASURER.*

**MORRISON STRUCTURES, INC.:**

By: Robert L. Morrison, Jr. Date: 3/11/24

Name: ROBERT L. MORRISON, JR.

Title: PRESIDENT (SOLE OFFICER)

By: Robert L. Morrison, Jr. Date: 3/11/24

Name: ROBERT L. MORRISON, JR.

Title: SECRETARY (SOLE OFFICER)

**COUNTY OF HUMBOLDT:**

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Rex Bohn, Chair  
Humboldt County Board of Supervisors

**ATTEST:**

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Kathy Hayes, Clerk  
Humboldt County Board of Supervisors

**INSURANCE REQUIREMENTS APPROVED:**

By: \_\_\_\_\_ Date: 03/27/2024  
Risk Management

**LIST OF ATTACHMENTS:**

Attachment A – Amended Consultant Fee Schedule

ATTACHMENT A  
AMENDED CONSULTANT FEE SCHEDULE



MORRISON STRUCTURES, INC.  
1890 PARK MARINA DR., STE 104  
REDDING, CA 96001  
530-246-8625 (FAX)  
530-246-8628

# MORRISON STRUCTURES, INC.

March 8, 2024

Mr. Tony Seghetti  
Deputy Director  
County of Humboldt Department of Public Works  
1106 Second Street  
Eureka, CA 95501

Dear Mr. Seghetti:

**Subject: Agreement for Professional Services for Mattole Road Bridge (4C-55) over Mattole River at Honeydew, Contract 594055 – Cost Proposal to provide Engineering Services During Construction**

The purpose of this letter is to provide our cost proposal for Morrison Structures and our subconsultant Crawford & Associates to provide our engineering services to support the County during the upcoming construction phase of the Mattole River Bridge replacement project. The project has recently bid and will be awarded to the Contractor in the coming months. We understand that the County will provide representatives for construction management of the project and there will be a need for our engineering support services. We anticipate the construction of the project to begin this Spring and to go two seasons until approximately December 2025.

## **Proposed Scope of Services for Services During Construction Phase:**

To support the County and their construction representatives, Morrison Structures and their subconsultant Crawford & Associates will provide services during the construction phase of the project. All of our services would be provided on an as-requested basis.

The structure related engineering services may include attending virtual and on-site meetings, providing consultation during construction, providing contract document clarifications, interpretation, and information, assisting the County with reviews and preparation of change orders, providing on-site observation of foundation and bridge construction, falsework reviews, review of bridge removal shop drawings, reviewing structure steel and reinforcing shop drawings, and providing “As-Built drawings following construction.

The geotechnical related engineering services may include review of Contractor’s CIDH pile installation plan, attending virtual and on-site meetings, responding to requests for information, on-site observation of CIDH pile excavation and construction and retaining wall footing excavations, review of pile integrity test results, preparation of field reports for on-site observations, and providing geotechnical consulting/recommendations. Material/pile testing and observation/testing is understood to be performed by the County’s other construction representatives and is excluded from our scope of services. Responses to requests for information will be made via email or memorandum.

## **Cost Proposal:**

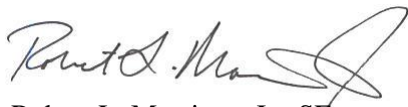
We are requesting that our fee schedule total cost of \$756,000 be increased by \$112,656 to a total cost of \$868,656.00. This request is due to additional professional services estimated to be required for Morrison Structures as well as Crawford & Associates to provide the scope of services for Services During Construction Phase of the project.

March 8, 2024  
Page 2

We have enclosed our cost proposal estimate for completing our scope of services for the Construction Phase. Our cost proposal estimate utilizes the hourly rates for our professional services along with our subconsultants' costs for their services to be completed. We have also enclosed Hourly Rates for Morrison Structures for 2024 and 2025. If you have any questions or need further information to assist in reviewing our request for additional funding don't hesitate to call me at 530/246-8628.

Sincerely

**MORRISON STRUCTURES**

A handwritten signature in black ink, appearing to read "Robert L. Morrison, Jr.", with a stylized flourish at the end.

Robert L. Morrison, Jr., SE  
Structural Engineer, Project Manager

Enclosures

**Mattole River Bridge on Mattole Road at Honeydew  
County of Humboldt, California  
ENGINEERING SERVICES BUDGET INCREASE ESTIMATE - AMENDMENT 6**

Exhibit A-2 Scope of Services

Phase: Services During Constructin Phase - (Amendment 6 )

***DIRECT LABOR***

***EXPENSES***

<i>ITEM</i>	<i>C</i>	<i>T2</i>	<i>T5</i>	<i>E2</i>	<i>E3</i>	<i>E4</i>	<i>E5</i>	<i>E6</i>	<i>COST PER ITEM</i>	<i>ITEM</i>	<i>QUANTITY</i>	<i>UNIT</i>	<i>UNIT PRICE</i>	<i>TOTAL</i>
Project Management								32	\$8,691.84	Expenses(mileage)	1200	MILE	\$0.67	\$804.00
Meetings								24	\$6,518.88	Expenses(Travel Meals)	3	DAYS	\$55.00	\$165.00
Clarifications, Interpretations		4			32			16	\$10,346.32					
Change Order Assistance		4			8			8	\$4,041.28	<u>Subconsultants</u>				
On-site Observations					8			16	\$5,723.28	Crawford & Associates	1	LS	\$37,808.18	\$37,808.18
Bridge Removal Shop Dwgs		1			16			4	\$3,963.94					
Structural Steel Shop Dwgs		2			60			16	\$14,921.60					
Reinforcing Shop Dwgs		2			50			8	\$11,026.94					
Material Submittals					50			8	\$10,781.46					
As-Built Record Drawings		12			3			2	\$2,532.63					
<b>Manhours/Grade</b>	0	25	0	0	227	0	0	134						
<b>DIRECT LABOR</b>									<b>\$78,548.17</b>	<b>TOTAL EXPENSES</b>				<b>\$38,777.18</b>
<b>YR 2025 ANTICIPATED SALARY INCREASES</b>									<b>\$1,963.00</b>					
<b>TOTAL</b>									<b>\$80,511.17</b>					
<b>TOTAL LABOR HOURS</b>									<b>386</b>					
2024 Direct Labor Rates utilized										<b>TOTAL COST LABOR AND EXPENSES</b>			<b>\$119,288.35</b>	
Date: 3/08/24										<b>For Budget Purposes</b>			<b>\$119,289.00</b>	



**MORRISON STRUCTURES, INC.**

Mattole Road Bridge (4C-55) over Mattole River at Honeydew  
Contract 594055 - Amendment 6

**HOURLY RATES FOR PROFESSIONAL SERVICES**

(Effective January 1, 2024 through December 31, 2025)

<b>PERSONNEL</b>	<b>2024</b>	<b>2025</b>		
Structural Engineer (E6)	\$271.62/hr	\$285.20/hr		
Senior Engineer or Senior Architect (E5)	\$256.45/hr	\$269.27/hr		
Engineer or Architect (E4)	\$207.59/hr	\$217.96/hr		
Associate Engineer or Architect (E3)	\$172.17/hr	\$180.77/hr		
Engineer or Architect (E2)	\$135.03/hr	\$141.78/hr		
Assistant Engineer or Architect (E1)	\$ 120.43/hr	\$126.45/hr		
Senior Technician (T5)	\$147.48/hr	\$154.85/hr		
Technician (T2)	\$122.74/hr	\$128.88/hr		
Clerical (C)	\$ 81.98/hr	\$ 86.08/hr		

EXPENSES

Expenses include, but are not limited to, reproduction, travel subsistence, mailing, special consultants, outside purchases and services, and other subcontracts. These are charged at 1.00 x cost.

Vehicle mileage will be at \$0.67 per mile.

HOURLY RATES

Hourly rates include overhead and office equipment, etc. Hourly rates are applicable during travel to and from jobsite.

EXPERT WITNESS RATES

Deposition and trial testimony \$300 per hour, 4 hour minimum. Meetings and preparation at regular hourly rates listed above.

**Mattole Road Bridge Replacement over Mattole River - Construction Observation Services**

**2/16/2024**



**Crawford & Associates, Inc. - Tasks and Descriptions**

	Principal *	Principal *	Principal *	Senior Project Manager	Project Manager II	Project Manager I	Senior Engineer / Geologist	Project Engineer II / Geologist	Project Engineer I / Geologist	Staff Engineer / Geologist	Project Coordinator	Administrative Assistant	Anticipated Salary Increase	HOURS PER TASK	LABOR COST PER TASK	OTHER DIRECT COSTS	TOTAL COST PER TASK	
Crawford Staff	Ben Crawford	Eric Nichols	Shawn Leyva	Chris Trumbull	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD						
Initial Hourly Rate	\$ 79.00	\$ 67.59	\$ 62.00	\$ 74.67	\$ 56.44	\$ 50.00	\$ 45.38	\$ 41.49	\$ 37.63	\$ 34.25	\$ 35.00	\$ 29.75	\$0.00					
Fringe Benefits	93.29%	\$ 73.70	\$ 63.05	\$ 57.84	\$ 69.66	\$ 52.65	\$ 46.65	\$ 42.34	\$ 38.71	\$ 35.11	\$ 31.95	\$ 32.65	\$ 27.75	\$0.00				
Overhead	116.79%	\$ 92.26	\$ 78.94	\$ 72.41	\$ 87.21	\$ 65.92	\$ 58.40	\$ 53.00	\$ 48.46	\$ 43.95	\$ 40.00	\$ 40.88	\$ 34.75	\$0.00				
G&A	20.00%	\$ 15.80	\$ 13.52	\$ 12.40	\$ 14.93	\$ 11.29	\$ 10.00	\$ 9.08	\$ 8.30	\$ 7.53	\$ 6.85	\$ 7.00	\$ 5.95	\$0.00				
Fixed Fee	10%	\$ 26.08	\$ 22.31	\$ 20.46	\$ 24.65	\$ 18.63	\$ 16.50	\$ 14.98	\$ 13.70	\$ 12.42	\$ 11.31	\$ 11.55	\$ 9.82	\$0.00				
Hourly Rate	\$ 286.84	\$ 245.41	\$ 225.11	\$ 271.12	\$ 204.93	\$ 181.54	\$ 164.77	\$ 150.65	\$ 136.63	\$ 124.36	\$ 127.08	\$ 108.02	\$0.00					
<b>TASK 1</b>																		
Projct Meetings		4.00					8.00	3.00			2.00			17.00	\$ 3,005.90	\$ -	\$ 3,005.90	
Task 1 - Hours	0.00	4.00	0.00	0.00	0.00	0.00	8.00	3.00	0.00	0.00	2.00	0.00		17.00	\$ 3,005.90	\$ -	\$ 3,005.90	
<b>TASK 2</b>																		
Review of Installation Plan		1.00					2.00				1.00			4.00	\$ 702.03	\$ -	\$ 702.03	
RFI Review and Response		2.00					6.00				1.00			9.00	\$ 1,606.52	\$ -	\$ 1,606.52	
Task 2 - Hours	0.00	3.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00	2.00	0.00		13.00	\$ 2,308.55	\$ -	\$ 2,308.55	
<b>TASK 3</b>																		
Construction Observation		16.00					8.00		76.00					100.00	\$ 15,628.61	\$ 2,400.00	\$ 18,028.61	
Daily Field Reports / Letter		6.00					6.00		12.00		6.00	2.00		32.00	\$ 5,079.17	\$ -	\$ 5,079.17	
Task 3 - Hours	0.00	22.00	0.00	0.00	0.00	0.00	14.00	0.00	88.00	0.00	6.00	2.00		132.00	\$ 20,707.78	\$ 2,400.00	\$ 23,107.78	
<b>TASK 4</b>																		
Geotechnical Consultation		8.00					24.00				2.00			34.00	\$ 6,171.92	\$ -	\$ 6,171.92	
Review of Pile Integrity Test Results		4.00					12.00				2.00			18.00	\$ 3,213.04	\$ -	\$ 3,213.04	
Task 4 - Hours	0.00	12.00	0.00	0.00	0.00	0.00	36.00	0.00	0.00	0.00	4.00	0.00		52.00	\$ 9,384.95	\$ -	\$ 9,384.95	
<b>Subtotal- Hours/Tasks</b>	<b>0.00</b>	<b>41.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>66.00</b>	<b>3.00</b>	<b>88.00</b>	<b>0.00</b>	<b>14.00</b>	<b>2.00</b>		<b>214.00</b>				
															<b>TOTAL LABOR COST:</b>			\$ 35,407.18
															<b>TOTAL OTHER DIRECT COSTS:</b>			\$ 2,400.00
															<b>ANTICIPATED SALARY INCREASE:</b>			\$ -
															<b>TOTAL ESTIMATED FEE:</b>			\$ 37,807.18

Overtime and Graveyard Charges May Apply

(\*) Indicates Key Staff

(\*\*) Indicates Prevailing Wage Classifications

**COST PROPOSAL 1**

COST-PLUS-FIXED FEE OR LUMP SUM OR FIRM FIXED PRICE CONTRACTS

Mark-ups Not Allowed

Prime Consultant     Subconsultant     2nd Tier Subconsultant

Consultant **Crawford & Associates, Inc.**

Project No. \_\_\_\_\_ Contract No. \_\_\_\_\_ Date **2/16/2024**

Project Name **Mattole Road Bridge Replacement over Mattole River - Construction Observation Services**

**DIRECT LABOR**

Classification/Title	Name	Hours	Actual Hourly Rate	Total
Principal *	Benjamin Crawford	0	\$79.00	\$ -
Principal *	Eric Nichols	41	\$67.59	\$ 2,771.19
Principal *	Shawn Leyva	0	\$62.00	\$ -
Senior Project Manager	Chris Trumbull	0	\$74.67	\$ -
Project Manager II	TBD	0	\$56.44	\$ -
Project Manager I	TBD	0	\$50.00	\$ -
Senior Engineer / Geologist	TBD	66	\$45.38	\$ 2,995.08
Project Engineer II / Geologist	TBD	3	\$41.49	\$ 124.47
Project Engineer I / Geologist	TBD	88	\$37.63	\$ 3,311.44
Staff Engineer / Geologist	TBD	0	\$34.25	\$ -
Project Coordinator	TBD	14	\$35.00	\$ 490.00
Administrative Assistant	TBD	2	\$29.75	\$ 59.50

214

**LABOR COSTS**

a) Subtotal Direct Labor Costs \$ 9,751.68  
 b) Anticipated Salary Increases (see page 2 for calculation) \$ 0.00  
**c) TOTAL DIRECT LABOR COSTS [(a) + (b)] \$ 9,751.68**

**INDIRECT COSTS**

d) Fringe Benefits Rate: 93.29% e) Total Fringe Benefits [(c) x (d)] \$ 9,097.34  
 f) Overhead Rate: 116.79% g) Overhead [(c) x (f)] \$ 11,388.99  
 h) General & Administrative Rate: 20.00% i) Gen & Admin [(c) x (h)] \$ 1,950.34  
**Combined ICR %: 230.08%**  
**j) TOTAL INDIRECT COSTS [(e) + (g) + (i)] \$ 22,436.67**

**FIXED FEE** k) **TOTAL FIXED FEE [(c) + (j)] x fixed fee 10% \$ 3,218.83**

**I) CONSULTANT'S OTHER DIRECT COSTS (ODC) - ITEMIZE**

Description of Item	Quantity	Unit	Unit Cost	Total
Mileage	800	Mile	\$ 0.67	\$ 536.00
Vehicle Charge	8	Day	\$ 40.00	\$ 320.00
Per Diem (Lodging and Meals)	8	Day	\$ 193.00	\$ 1,544.00
				<b>\$ 2,400.00</b>

**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)] \$ 2,400.00**

**TOTAL COST [(c) + (j) + (k) + (n)] \$ 37,807.18**

**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>\$9,751.68</u>	<u>214</u>		<u>45.57</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	\$45.57	+	5.0%	=	\$47.85	Year 2 Avg Hourly Rate
Year 2	\$47.85	+	5.0%	=	\$50.24	Year 3 Avg Hourly Rate
Year 3	\$50.24	+	5.0%	=	\$52.75	Year 4 Avg Hourly Rate
Year 4	\$52.75	+	5.0%	=	\$55.39	Year 5 Avg Hourly Rate

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

	Estimated % Completed Each Year		Total Hours per Cost Proposal		Total Hours per Year	
Year 1	100%	*	214	=	214.00	Est Hours Year 1
Year 2	0%	*	214	=	0.00	Est Hours Year 2
Year 3	0%	*	214	=	0.00	Est Hours Year 3
Year 4	0%	*	214	=	0.00	Est Hours Year 4
Year 5	0%	*	214	=	0.00	Est Hours Year 5
<b>Total</b>	<b>100%</b>		<b>Total</b>	<b>=</b>	<b>214.00</b>	

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

	Avg Hourly Rate (calculated above)		Estimated hours (calculated above)		Cost per Year	
Year 1	\$45.57	*	214	=	\$9,751.68	Est Hours Year 1
Year 2	\$47.85	*	0	=	\$0.00	Est Hours Year 2
Year 3	\$50.24	*	0	=	\$0.00	Est Hours Year 3
Year 4	\$52.75	*	0	=	\$0.00	Est Hours Year 4
Year 5	\$55.39	*	0	=	\$0.00	Est Hours Year 5
	Total Direct Labor Cost with Escalation			=	\$9,751.68	
	Direct Labor Subtotal before Escalation			=	\$9,751.68	
	<b>Estimated Total of Direct Labor Salary Increase</b>			<b>=</b>	<b><u>\$0.00</u></b>	<i>(Transfers to Page 1)</i>

**NOTES:**

1. This is not the only way to estimate salary increases. Other methods will be accepted if they clearly indicate the % increase, the # of years of the contract, and a breakdown of the labor to be performed each year.
2. An estimation that is based on direct labor multiplied by salary increase % multiplied by the # of years is not acceptable. (i.e. \$250,000 x 2% x 5 years = \$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.

**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: 2/16/2024

Email: [ben.crawford@crawford-inc.com](mailto: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 - Construction Observation**