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John Leong
Sonoma County Public Infrastructure Department
Transportation & Public Works
400 Aviation Boulevard, Suite 100
Santa Rosa, CA 95403

October 3, 2025

**RE: Freestone Flat Bridge Replacement at Salmon Creek
Amendment 4 - Construction Support**

Dear Mr. Leong,

At the County's request we have prepared a scope of work to perform Construction Support Services for the Freestone Flat Bridge Replacement at Salmon Creek. We have labeled the scope task 22 since the last task in the original contract was Task 21. These services will be engaged on an as need basis when requested by the **County**. Conсор has outlined the anticipated scope of work in Attachment 1. The hours generated for these services are based upon a history of level of efforts for similar projects. The actual level of effort could be higher or lower depending on the experience level of the contractor, the construction management firm and quality of the contractor submittals. Poor quality submittals often require multiple revisions and a level of review effort that is difficult to estimate. As a result we have placed an hours cap for each task. The compensation for these services would be based on actual cost plus overhead plus fee basis with a not to exceed budget **\$75,847.63**.

Conсор also request a contract time extension. The current contract expires December 31, 2025. Conсор recommends extending the contract to at least December 31, 2029 so that we can complete construction support and deliver final As-Built plans at the end of construction.

Last, Conсор requests that the job classifications and rate ranges shown in the cost proposal be used on this job moving forward. After Quincy and Conсор merged practices, the names of several job classifications have changed. It will be easier for accounting to invoice the project under the current job classification and actual rates within the specified ranges.

The **Conсор** Team looks forward to working with you and your staff to complete this project. If you have any questions or require additional information, please contact us.

Sincerely,

A handwritten signature in blue ink that reads 'Greg Young'.

Greg Young, PE
PROJECT MANAGER
Conсор
greg.young@consoreng.com

ATTACHMENTS:

1. Scope of Work
2. Cost Proposal

Attachment 1 – Scope of Work

Task 22: Construction Support

TASK 22.1 – Project Coordination & Support

Consor will coordinate between the **County/Consultant Construction Management Team (CM Team)** members to monitor and ensure the proper resources are assigned to the project and communicate regularly with Team members. These efforts will also include coordination with subconsultants for services required, and generating monthly invoices.

Consor could attend the Pre-Construction meeting virtually with the **CM Team** to address any questions raised by **Contractor** or Sub-Contractors.

The level of effort for this task is estimated at 32 hours.

TASK 22.2 – Request for Information (RFI), CCO's Support

Consor maintains the same high level of service through the completion of construction as we do during the design phase. We work closely with the **CM Team** to provide clarifications as needed to the design to ensure timely response to the **Contractor**. We recognize the importance of having timely responses to questions and information. There is time allocated for the generation of Revised Contact Drawings that may be required for Construction Change Orders (CCOs) as well as time to prepare cost estimates or exhibits. Effort associated with a CCO resulting from a **Consor** error or omission would not be billed to the County.

Consor may also be coordinating with **Crawford and Associates** our Geotechnical subconsultant regarding the CIDH Pile installation, and any possible pile mitigations required as part of the gamma-gamma inspections. Both **Consor** and **Crawford and Associates** would be available to modify their designs or make recommendations based upon the gamma-gamma readings performed by the **CM Team**.

The level of effort for this task is estimated to be 56 hours.

TASK 22.3 – Submittal Reviews

If necessary, the **Consor** Team could be available to support the **CM Team** on submittal reviews. This scope assumes that **Consor** will not be in responsible charge of all structure submittals. **Consor** assumes the **CM Team** will be the primary reviewer on structure submittals not explicitly listed in **Consor's** scope. In general material submittals, temporary structures, and submittals that involve general conformance with the plans and specifications would be the responsibility of the **CM Team**. The following is a partial list of possible structure submittal that would be reviewed by the **CM Team**:

- | | |
|----------------------------|-----------------------------|
| ✓ Bridge Removal Plan | ✓ Rebar Shop Drawings |
| ✓ Falsework Plan Submittal | ✓ Joint Seal Shop Drawings |
| ✓ Temporary Shoring | ✓ Bearing Pad Shop Drawings |

Consor anticipates being in responsible charge for the review and authorization of the following submittals:

- ✓ Prestress Shop Drawings
 - ✓ CIDH Pile Install Pile
 - ✓ Pile Mitigation Plan (if necessary)
 - ✓ Concrete Barrier Post Layout and Tubular Hand Railing
-

If Consor is not listed in responsible charge, it is assumed that the CM Team would be responsible as the sole reviewer. Consor would be available to assist in any submittal review up to the total task hours. **Crawford and Associates** will also be available to review portions of the CIDH Pile Install Submittal if required.

The total estimated level of effort for this task for **Consor** is 84 hours.

TASK 22.4 – Field Reviews or Special Observations

To support the Construction Management Team, **Consor** has budgeted four (4) field reviews or special observations. This could be to review and discuss issues in the field or this could be to observe potential change in conditions that must be considered. **Consor** is also available for observation of specific elements of construction as needed by the **CM Team**.

The total estimated level of effort for this task for **Consor** is 48 hours.

TASK 22.5 – Prepare and Submit As-Builts

Consor will take redline as-built drawings from **CM Team** and prepare changes as necessary electronically to CAD files. Drawings will be prepared for Resident Engineer signature and project acceptance. **Consor** will also prepare electronic bridge files for submittal to **Caltrans Structures Maintenance** for incorporation into their BIRIS system.

The total level of estimated effort for this task for **Consor** is 48 hours but will be dependent on the amount of modifications and detail revisions from the field.

Cost Proposal

Task No.	Project Number: N13S221CA.00Project Name: Freestone Flat Bridge Replacement at Salmon Creek															
	TASKS	Principal Engineer	Senior Engineer	Professional Engineer	Engineering Designer	Senior CAD Designer	CAD Technician	Student Intern	Senior Project Manager	Project Accountant	Project Coordinator	Consor Total Hours	Consor NLF Budget	NLF + Escalation	Crawford and Associates	Subconsultant Subtotal
		GRY	SeEn	PrEn	EnDe	CADm	CADt	StIn	SePM	AdAs	PrCo		Actual Labor Multiplier			
No.	Initial Hourly Rate	\$105.19	\$87.02	\$61.82	\$45.28	\$77.25	\$48.14	\$21.85	\$93.14	\$40.00	\$46.00					
	Key Personnel	Yes	No	No	No	No	No	No	No	No	No					
	Prevailing Wage	No	No	No	No	No	No	No	No	No	No					
													3.0041			
22.0	Construction Support											0	\$0	\$0		\$0
22.1	Project Coordination & Support	24									8	32	\$8,690	\$9,215		\$0
22.2	Request for Information (RFI), CCO's Support	40		16								56	\$15,611	\$16,556	\$5,000	\$5,000
22.3	Submittal Reviews	24		60								84	\$18,727	\$19,860		\$0
22.4	Field Reviews or Special Observations	48										48	\$15,168	\$16,086		\$0
22.5	Prepare and Submit As-Builts	4				4	40					48	\$7,977	\$8,459		\$0
	Subtotal - Hours	140	0	76	0	4	40	0	0	0	8	268	\$66,172.87	\$70,176		0
	Anticipated Salary Increases												\$4,002.76			
	Other Direct Costs												\$672.00			0
	Total Cost	\$14,727	\$0	\$4,698	\$0	\$309	\$1,926	\$0	\$0	\$0	\$368	\$22,028	\$70,848		\$5,000	\$5,000

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: Freestone Flat Bridge Replacement at Salmon Creek

Consultant: Consor North America, Inc.

Project No. N13S221CA.00

Contract No. C11004

Date

10/3/2025

DIRECT LABOR

Classification/Title		Name	Initials	Hours	Actual Hourly Rate		Total
Principal Engineer	*	Young, Gregory	GRY	140	\$ 105.19		\$ 14,726.60
Senior Engineer		Senior Engineer	SeEn	0	\$ 87.02		\$ -
Professional Engineer		Professional Engineer	PrEn	76	\$ 61.82		\$ 4,698.32
Engineering Designer		Engineering Designer	EnDe	0	\$ 45.28		\$ -
Senior CAD Designer		Senior CAD Designer	CADm	4	\$ 77.25		\$ 309.00
CAD Technician		CAD Technician	CADt	40	\$ 48.14		\$ 1,925.60
Student Intern		Student Intern	StIn	0	\$ 21.85		\$ -
Senior Project Manager		Senior Project Manager	SePM	0	\$ 93.14		\$ -
Project Accountant		Project Accountant	AdAs	0	\$ 40.00		\$ -
Project Coordinator		Project Coordinator	PrCo	8	\$ 46.00		\$ 368.00
Subtotal:				268			\$ 22,027.52

LABOR COSTS

a) Subtotal Direct Labor Costs

\$ 22,027.52

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

\$ 1,332.43

c) **Total Direct Labor Costs [(a) + (b)]** \$ 23,359.95**INDIRECT COSTS**

d) Fringe Benefits (Rate: 39.00%):

e) Total Fringe Benefits [(c) x (d)] \$ 9,110.38

f) Overhead (Rate: 134.10%):

g) Overhead [(c) x (f)] \$ 31,325.70

h) General and Administrative (Rate: 0.00%):

i) Gen & Admin [(c) x (h)] \$ -

j) **Total Indirect Costs [(e) + (g) + (i)]** \$ 40,436.08**FIXED FEE**k) **TOTAL FIXED FEE [(c) + (j)] x fixed fee 10.00%**

\$ 6,379.60

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

Description of Item	Quantity	Unit	Unit Cost	Total
Mileage Costs	960	Miles	\$ 0.700	\$ 672.00
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				\$ -

l) **TOTAL OTHER DIRECT COSTS** \$ 672.00**m) SUBCONSULTANTS' COSTS (Add additional pages if necessary)**

Crawford and Associates

\$ 5,000.00

m) **TOTAL SUBCONSULTANTS' COSTS**

\$ 5,000.00

n) **Total Other Direct Costs INCLUDING SUBCONSULTANTS [(l)+(m)]**

\$ 5,672.00

TOTAL COST [(c) + (j) + (k) + (n)]

\$ 75,847.63

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 remain fixed for the life of the contract.
- 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 Subtotal per Cost Proposal	Total Hours per Cost Proposal		Avg Hourly Rate	5 Year Contract Duration
\$ 22,027.52	268	=	\$82.19	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	\$82.19	+	5%	=	\$86.30 Year 2 Avg Hourly Rate
Year 2	\$86.30	+	5%	=	\$90.62 Year 3 Avg Hourly Rate
Year 3	\$90.62	+	5%	=	\$95.15 Year 4 Avg Hourly Rate
Year 4	\$95.15	+	5%	=	\$99.91 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	0.00%	*	268	=	0	Estimated Hours Year 1
Year 2	80.00%	*	268	=	214	Estimated Hours Year 2
Year 3	20.00%	*	268	=	54	Estimated Hours Year 3
Year 4	0.00%	*	268	=	0	Estimated Hours Year 4
Year 5	0.00%	*	268	=	0	Estimated Hours Year 5
	Total	#	Total	=	268	

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	\$82.19	*	0	=	\$0.00	Estimated Hours Year 1
Year 2	\$86.30	*	214	=	\$18,502.72	Estimated Hours Year 2
Year 3	\$90.62	*	54	=	\$4,857.23	Estimated Hours Year 3
Year 4	\$95.15	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$99.91	*	0	=	\$0.00	Estimated Hours Year 5
	Total Direct Labor Cost with Escalation			=	\$23,359.95	
	Direct Labor Subtotal before Escalation			=	\$ 22,027.52	
	Estimated total of Direct Labor Salary Increase			=	\$1,332.43	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:

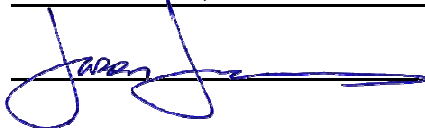
1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. [Title 23 United States Code Section 112 - Letting of Contracts](#)
4. [48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures](#)
5. [23 Code of Federal Regulations Part 172](#) - 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): 10/3/2025

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

Address: 11017 Cobblerock 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:

Design Construction Support Services