

**AMENDMENT #10 TO BOARD OF SUPERVISORS AGREEMENT NUMBER 11-056
DEPARTMENT OF TRANSPORTATION NUMBER 110002 FOR PROFESSIONAL
ENGINEERING SERVICES WITH FOR THE NORTH STATE STREET BRIDGE
REHABILITATION AT ACKERMAN CREEK, COUNTY ROAD 104, MILEPOST 0.97**

This Amendment Number (No.) 10 to Board of Supervisors (BOS) Agreement No. 11-056/Department of Transportation (DOT) Agreement No. 110002 is entered into this 27th day of Feb, 2024, by and between the COUNTY OF MENDOCINO, a political subdivision of the State of California, hereinafter referred to as "COUNTY" and Conсор North America, Inc., hereinafter referred to as "CONSULTANT".

WHEREAS, BOS Agreement No. 11-056/DOT Agreement No. 110002 was entered into between COUNTY and CONSULTANT on June 14, 2011; and

WHEREAS, upon execution of this document by the County of Mendocino and the CONSULTANT, this document will become part of the aforementioned contract and shall be incorporated therein; and

WHEREAS, delays in project funding have postponed the construction phase of this project; and

WHEREAS, these delays have increased the time and resources CONSULTANT requires to maintain this project for construction, including coordination meetings, revisions to reflect changes in right-of-way needs, and updates to California Department of Transportation (Caltrans) specifications; and

WHEREAS, COUNTY and CONSULTANT have agreed to employ the optional construction support tasks in the original contract; and

WHEREAS, CONSULTANT has prepared the attached "Amendment 10 – Scope of Services," attached hereto as Exhibit A and incorporated herein by this reference, including additional or expanded tasks as compared to the original scope of work; and

WHEREAS, CONSULTANT has agreed to complete the additional or expanded tasks as detailed in Exhibit A for a total additional amount of \$296,000; and

WHEREAS, it is mutually agreed between COUNTY and CONSULTANT that the total not-to-exceed compensation payable to CONSULTANT including the total amount of salaries and expenses included in the original agreement and Amendments No. 1 through 10 shall be increased to a not-to-exceed amount of \$1,452,500.

NOW, THEREFORE, we agree as follows:

1. The Scope of Services for BOS Agreement #11-056/DOT Agreement #110002 is hereby amended to include the additional and expanded tasks as detailed in "Amendment 10 – Scope of Services," attached hereto as Exhibit A.
2. The total not-to-exceed compensation payable to CONSULTANT including the total amount of salaries and expenses included in the original agreement and Amendments Nos. 1-10 shall be increased by \$296,000 to \$1,452,500 for the term of this agreement.

All other terms and conditions of BOS Agreement No. 11-056/DOT Agreement No. 110002 shall remain in full force and effect.

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IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

DEPARTMENT FISCAL REVIEW: Transportation

Howard N. Dashiell
HOWARD N. DASHIELL, Director DATE

Budgeted: ☒ Yes ☐ NoBudget Unit: 3041Line Item: 2184Grant: ☒ Yes ☐ NoGrant No.: FHWA E-76, BHLS-5910(081)**CONSULTANT/COMPANY NAME**By: [Signature]Date: 1/26/2024**NAME AND ADDRESS OF CONSULTANT:**Consort North America, Inc.11017 Cobblersrock Dr., Suite 100Rancho Cordova, CA 95670**COUNTY OF MENDOCINO**

By: Maureen Mulheren
MAUREEN MULHEREN, Chair
BOARD OF SUPERVISORS

Date: 02/27/2024**ATTEST:**

DARCIE ANTLE, Clerk of said Board

By: [Signature]
Deputy 02/27/2024

I hereby certify that according to the provisions of
Government Code section 25103, delivery of this
document has been made.

DARCIE ANTLE, Clerk of said Board

By: [Signature]
Deputy 02/27/2024

By signing above, signatory warrants and
represents that he/she executed this Agreement
in his/her authorized capacity and that by his/her
signature on this Agreement, he/she or the entity
upon behalf of which he/she acted, executed this
Agreement

COUNTY COUNSEL REVIEW:

APPROVED AS TO FORM:

By: [Signature]
COUNTY COUNSEL

Date: 01/23/2024**INSURANCE REVIEW:**

By: [Signature]
Risk Management

Date: 01/23/2024**EXECUTIVE OFFICE/FISCAL REVIEW:**

By: [Signature]
Deputy CEO

Date: 01/23/2024**Signatory Authority:** \$0-25,000 Department; \$25,001- 50,000 Purchasing Agent; \$50,001+ Board of SupervisorsException to Bid Process Required/Completed ☐Mendocino County Business License: Valid ☐

Exempt Pursuant to MCC Section: _____

Mendocino County - DOT Ackerman Creek Bridge Replacement

AMENDMENT 10

SCOPE OF WORK FOR N. STATE STREET AT ACKERMAN CREEK BRIDGE (BR. NO. 10C0065) FEDERAL PROJECT # 5910(117)

Additional and supplemental work will be performed by Consor to finalize the bid package (plans, specifications, and estimates) for this bridge replacement project. This includes:

- Additional project management, project coordination, and project team meetings for agency, right-of-way and construction issue resolution.
- Revising the contract documents to 2023 Caltrans construction standards. This requires minor revisions throughout the road and bridge plan set and substantial revisions of the project specifications.
- Complete peer review of the engineered fish passage by Mike Love and Associates. Incorporate peer review comments into the plans and specifications.
- Additional utility coordination with City of Ukiah Electric and Millview County Water District.
- Bid support including responses to bidder inquiries, bid addendums, and support with bid analysis.
- Construction support including review of Contract submittals, developing responses to requests-for-information, support with resolving potential construction claims, support in executing construction change orders, and generating construction records including As-Built drawings.

The additional efforts are described below in accordance with the original contract scope of work.

PHASE 1 - PROJECT STUDY REPORT/ TYPE SELECTION

TASK 1: PROJECT MANAGEMENT

Consor will provide additional Project Management including tasks of management, tracking, and communication of project delivery budget, administrative costs, project progress reporting, and coordination with the County, as well as other project stakeholders, and the entire Project Development Team (PDT). Consor will develop, track, and lead the following project management tasks:

- Critical Path Schedule.
- Monthly PDT meetings and/or conference calls.
- Meeting Agendas, Minutes, and Action Item Summaries; and
- Monthly Invoices, Progress Reports and Look-Ahead Summaries.

PHASE 4 - FINAL DESIGN

TASK 22: DETAILING

Consor will revise the project plans, both road and bridge, to update to Caltrans current 2023 construction standards including references to Caltrans standard plans and coordination between the project plans, standard plans, and bridge XS sheets which Caltrans has recently revised. Another area of revision will be incorporation of the MASH requirement standards in project roadside safety hardware.

Based on recent coordination with City of Ukiah Electric and Millview Water District, we anticipate additional revisions will be required to the road and bridge plans to accommodate final disposition of utility agreements and utility coordination.

Last, revisions to the engineered RSP fishway system could be required based on the current peer review in progress.

TASK 25: SPECIAL PROVISIONS

Consor will revise the project specifications to update to the Caltrans 2023 standards. This requires a re-write of the project special provisions and incorporated references of Caltrans Standard Special Provisions (SSPs) and Caltrans Standard Specifications. Consor will also verify and incorporate any changes to the County's boilerplate specifications to prepare the final package for bid advertisement.

Part of the specification revision effort will be to develop a bid book which accommodates bidding on the items of work required for re-construction of the Millview Water District waterline. This work will be included in the bridge package as a bid alternate.

TASK 26: CONSTRUCTION QUANTITIES & ESTIMATE

Consor will revise the construction quantities and engineer's estimate to incorporate bid items resulting from plan and specification updates. Consor will update the engineer's estimate with recent unit cost information to develop an accurate estimate and verify current programming amounts are sufficient to allow construction. Part of the estimate revision will be incorporation of bid items for the waterline relocation work provided by Millview Water District.

TASK 31: CREEK RESTORATION FINAL DESIGN

An independent peer review of the creek restoration design is currently being conducted by Mike Love and Associates (an industry recognized subject matter expert). Consor will coordinate with MLATo receive comments and incorporate improvements regarding details and construction execution of the creek restoration and fishway passageway.

TASK 34 – BIDDING ASSISTANCE

Consor will provide bidding support services. Consor staff members will be available during the bid period to assist the County with interpretation of the plans and specifications, assist the County with

responding to contractor Bidder Inquiries, assist the County with preparing addenda if needed, and provide general consultation.

The Consor Team will also assemble the following items that will comprise the Resident Engineering Pending File:

- Resident Engineer Notes
- Design Cross Sections
- Joint Movement Calculations
- Foundation Report
- Hydraulic Report
- Project Report
- 4-scale Deck Contours
- Engineer's Estimate
- Structure Quantity Calculations
- Roadway Quantity Calculations
- As-Built Plans

Task 35- CONSTRUCTION ENGINEERING SUPPORT SERVICES

The Consor team will coordinate between the County and Construction Management 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 generating monthly invoices, summary of services provided and updates to the County.

Consor will attend the Pre-Construction meeting with the Construction Management Team to address any questions raised by the Contractor or Sub-Contractors.

Task 35.1 – Request for Information (RFI) 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 Construction Management Team to provide clarifications as needed regarding the design to ensure a timely response to the contractor. We recognize the importance of having timely responses to questions and information. We have made an estimate of the hours that would be expected for this effort over the course of this multi-stage, multi-year construction project.

Task 35.2 – Submittal Reviews

The Consor Team will be available to support the Construction Management Team and will provide comments to the RE for inclusion in their review prior to submitting them back to the Contractor. If clarification is needed for authorization further coordination can be provided. Consor will review and comment on submittals until authorized. It is anticipated that there could be the following submittals, which in some cases could require multiple reviews:

- Temporary Creek Diversion Plan(s)
- Foundation Shoring Plan(s)
- Traffic Handling Plan
- Pile Driving System Plan(s)
- Concrete Mix Design submittals
- Post-Tension Shop Drawings
- Bridge Jacking Plan(s)
- Bearing Pad Shop Drawing/Certifications
- Compression Joint Seal Shop Drawing Review including a check of movement rating support calculations.

Task 35.3 – Field Reviews or Special Observations

To support the Construction Management Team, Consor has budgeted for up to two (2) field reviews or special observations per construction season (four total). This could be to review and discuss issues in the field or this could be to observe potential changes in conditions that must be considered. Consor is also available for observation of specific elements of construction as needed by the CM Team.

Task 35.4 – Geotechnical Construction Observations

Blackburn Consultants will perform the following construction observation services:

- Review the contractor's Pile Installation Plan.
- Assistance in responding to geotechnical related Request for Information (RFI) submittals.
- Part-time observation during driven pipe pile construction at the bridge supports including.
 - Observe driving activities.
 - Record hammer type, size, number of blows, and stroke lengths for each pile driven.
 - Evaluate pile capacity at the last foot of driving.
 - Record total embedment of completed piles; and
 - Provide professional opinion on the conformance of the pile driving to foundation report recommendations.

- Prepare daily field reports with our pile construction observations; and
- Provide geotechnical consulting services/recommendations as needed.

Field observation will be supplemented by senior level engineering consultation and supervision of the field representative. Services also include senior project manager consultation throughout pipe pile installation.

Upon completion of pile installation, a letter will be submitted summarizing our observations and supplemental recommendations (if/as applicable). The summary letter will also provide a professional opinion regarding conformance of pile installation observed by personnel from this office with respect to the project plans, specifications and recommendations contained within our foundation report.

These services are advisory and should not in any way be construed as job-site supervision; we expect to request certain information from the contractor and the resident engineer during construction and to communicate the results of our observations directly to Consor/County.

Material/pile testing and construction observation/testing other than that described above is understood to be performed by the County's CM team.

Task 36 – Prepare and Submit As-Builts

Consor will take redline as-built drawings from the Construction Management 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.

Cost Proposal

Project Number: Mendocino County		Project Name: Ackerman Creek																	
Task No.	TASKS	Principal Engineer	Principal Engineer	Professional Engineer	Professional Engineer	Engineering Designer	Engineering Designer	Principal Engineer	Professional Engineer	Senior CAD Designer	CAD Technician	Conсор Total Hours	Conсор NLF Budget	NLF + Escalation	Task Cost	Task Hours	Blackburn Consultants	Subconsultant Subtotal	
		JPJ	MK	KNP	AKJ	CJC	HGA	CDD	AMH	BRM	PSK		Actual Labor Multiplier						
No.	Initial Hourly Rate	\$104.00	\$84.00	\$71.80	\$56.00	\$48.48	\$40.80	\$96.41	\$53.33	\$57.00	\$41.50								
Key Personnel		No	No	No	No	No	No	No	No	No	No								
Prevailing Wage		No	No	No	No	No	No	No	No	No	No								
													3.2666						
1.0	Project Management	80										80	\$27,178	\$28,553	\$ 28,553	80		\$0	
22.0	Detailing - Plan Revisions	8	16			40	40				60	164	\$26,908	\$28,269	\$ 28,269	164		\$0	
25.0	Special Provisions	2	2					24	60			88	\$19,239	\$20,213	\$ 20,213	88		\$0	
26.0	Construction Quantities & Estimate	2	2									4	\$1,228	\$1,290	\$ 1,290	4		\$0	
31.0	Creek Restoration Design	16	16	40		40						112	\$25,542	\$26,835	\$ 26,835	112		\$0	
34.0	Bidding Assistance	12	12		16	16						56	\$12,830	\$13,479	\$ 13,479	56		\$0	
35.0	Construction Engineering Support	16	16	32	32	60	60					216	\$40,683	\$42,742	\$ 145,320	656		\$0	
35.1	RFIs	8	16	24	24							72	\$17,127	\$17,994				\$0	
35.2	Submittals	8	40		60	80	40					228	\$42,670	\$44,829				\$0	
35.3	Field Reviews Four (2) hour meetings plus 3 hours travel time each way	32	32									64	\$19,652	\$20,646				\$0	
35.4	Geotechnical Support	4	40		32							76	\$18,188	\$19,109			\$16,699	\$16,699	
36.0	Prepare and Submit As-Builts	4	4							18	60	86	\$13,942	\$14,647	\$ 14,647	86		\$0	
	Subtotal - Hours	192	196	96	164	236	140	24	60	18	120	1246	\$265,187.56	\$278,607	\$ 278,607	1246		0	
	Anticipated Salary Increases												\$13,419.76						
	Other Direct Costs												\$693.52					0	
	Total Cost	\$19,968	\$16,464	\$6,893	\$9,184	\$11,441	\$5,712	\$2,314	\$3,200	\$1,026	\$4,980	\$81,182	\$279,301				\$16,699	\$16,699	

Ackerman Creek

Date: 8/31/2023

Conсор North America, Inc.

Direct Labor:	\$81,181.72
Estimated Salary Increases for Multi-Year Project	\$4,108.19
Subtotal	\$85,289.91
Overhead (1.917):	\$163,466.63
A. Labor Subtotal	\$248,756.54

Subconsultant Costs:

Blackburn Consultants	\$16,699.16
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
B. Subconsultant Subtotal	\$16,699.16

Other Direct Costs:

Travel (@ active IRS mileage rate)	1040 miles @	\$0.655	\$681.20
Pier Diem/ Hotel	0 days @	\$0.000	\$0.00
Equipment Rental and Supplies		\$0.000	\$0.00
Permit Fees	0 @	\$0.000	\$0.00
Vendor Reproduction			
	Vellum	0 @ \$	- \$0.00
	8 1/2 X 11 Reproduction	0 @ \$	- \$0.00
	11 X 17 Reproduction	0 @ \$	- \$0.00
	Mounting Boards for Presentations	0 @ \$	- \$0.00
	Newsletters (Translation and printing)	0 @ \$	- \$0.00
	<i>Subtotal Vendor Reproduction</i>		\$0.00
Title Report	0 @ \$	-	\$0.00
Miscellaneous	1 @ \$	12.32	\$12.32
C. Other Direct Cost Subtotal:			\$693.52

Labor Subtotal A. =	\$248,756.54
Fixed Fee (12.0%):	\$29,850.78
Subconsultant Subtotal B. =	\$16,699.16
Fixed Fee (0.0%):	\$0.00
Other Direct Cost Subtotal: C. =	\$693.52
Fixed Fee (0.0%):	\$0.00

TOTAL =

\$296,000.00

Note: Invoices will be based upon actual Consor hourly rates plus overhead at 191.66% plus prorated portion of fixed fee. Subconsultant and Direct Costs will be billed at actual cost. The overhead rate (ICR) shall remain fixed for the contract duration or until both parties to modify the rate in writing.

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: Ackerman Creek

Consultant: Consor North America, Inc.

Project No. Mendocino County

Contract No. Amendment #9 Proc

Date

8/31/2023

DIRECT LABOR

Classification/Title	Name	Initials	Hours	Actual Hourly Rate	Range	Total
Principal Engineer	Jurens, Jason	JPJ	192	\$ 104.00	\$80 - \$135	\$ 19,968.00
Principal Engineer	Katt, Maxwell	MK	196	\$ 84.00	\$80 - \$135	\$ 16,464.00
Professional Engineer	Panayotov, Krassimir	KNP	96	\$ 71.80	\$45 - \$100	\$ 6,892.80
Professional Engineer	Johnson, Anna	AKJ	164	\$ 56.00	\$45 - \$100	\$ 9,184.00
Engineering Designer	Cajegas, Cyam	CJC	236	\$ 48.48	\$35 - \$95	\$ 11,441.28
Engineering Designer	Gutierrez Angel, Hernan	HGA	140	\$ 40.80	\$35 - \$95	\$ 5,712.00
Principal Engineer	Davis, Carolyn	CDD	24	\$ 96.41	\$80 - \$135	\$ 2,313.84
Professional Engineer	Hanson, Ashley	AMH	60	\$ 53.33	\$45 - \$100	\$ 3,199.80
Senior CAD Designer	Maechler, Bob	BRM	18	\$ 57.00	\$39 - \$75	\$ 1,026.00
CAD Technician	Kenny, Patrick	PSK	120	\$ 41.50	\$30 - \$65	\$ 4,980.00
Subtotal:			1246			\$ 81,181.72

LABOR COSTS

a) Subtotal Direct Labor Costs

\$ 81,181.72

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

\$ 4,108.19

c) **Total Direct Labor Costs [(a) + (b)]** \$ 85,289.91**INDIRECT COSTS**

d) Fringe Benefits (Rate: 56.61%):

e) Total Fringe Benefits [(c) x (d)] \$ 48,282.62

f) Overhead (Rate: 135.05%):

g) Overhead [(c) x (f)] \$ 115,184.02

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

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

j) **Total Indirect Costs [(e) + (g) + (i)]** \$ 163,466.63**FIXED FEE**k) **TOTAL FIXED FEE [(c) + (j)] x fixed fee 12.00%** \$ 29,850.78

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

Description of Item	Quantity	Unit	Unit Cost	Total
Mileage Costs	1040	Miles	\$ 0.655	\$ 681.20
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		\$ 12.32	\$ 12.32

l) TOTAL OTHER DIRECT COSTS \$ 693.52

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

Blackburn Consultants \$ 16,699.16

m) TOTAL SUBCONSULTANTS' COSTS \$ 16,699.16

n) Total Other Direct Costs INCLUDING SUBCONSULTANTS [(l)+(m)] \$ 17,392.68

TOTAL COST [(c) + (j) + (k) + (n)] \$ 296,000.00

NOTES:

1. 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.
2. 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.
3. 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
\$ 81,181.72	1246	= \$65.15	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	\$65.15	+	5%	=	\$68.41	Year 2 Avg Hourly Rate
Year 2	\$68.41	+	5%	=	\$71.83	Year 3 Avg Hourly Rate
Year 3	\$71.83	+	5%	=	\$75.42	Year 4 Avg Hourly Rate
Year 4	\$75.42	+	5%	=	\$79.19	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	25.00%	*	1246	=	312	Estimated Hours Year 1
Year 2	50.00%	*	1246	=	623	Estimated Hours Year 2
Year 3	25.00%	*	1246	=	312	Estimated Hours Year 3
Year 4	0.00%	*	1246	=	0	Estimated Hours Year 4
Year 5	0.00%	*	1246	=	0	Estimated Hours Year 5
	Total		Total	=	1246	

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	\$65.15	*	312	=	\$20,295.43	Estimated Hours Year 1
Year 2	\$68.41	*	623	=	\$42,619.43	Estimated Hours Year 2
Year 3	\$71.83	*	312	=	\$22,375.05	Estimated Hours Year 3
Year 4	\$75.42	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$79.19	*	0	=	\$0.00	Estimated Hours Year 5
	Total Direct Labor Cost with Escalation			=	\$85,289.91	
	Direct Labor Subtotal before Escalation			=	\$ 81,181.72	
	Estimated total of Direct Labor Salary Increase			=	\$4,108.19	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): 8/31/2023

Email: jasonj@quincyeng.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:

Professional engineering and project delivery services

Exhibit 10-H1 Cost Proposal

Actual Cost-Plus-Fixed Fee Contracts

☐ Prime Consultant ☒ Subconsultant

Consultant **BLACKBURN CONSULTING**

Project Name ACKERMAN CREEK

Project No.	M10-300	Contract No.	N/A	Date	10/27/2023
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DIRECT LABOR

[illegible]

LABOR COSTS

- | | | |
|--|----------------|---------------------------------|
| a) Subtotal Direct Labor Costs | \$3,785.50 | |
| b) Estimated Salary Increases for Multi-Year Project | <u>\$28.50</u> | (see calculation page attached) |
| c) TOTAL DIRECT LABOR COSTS [(a) + (b)] | | \$3,814.00 |

INDIRECT COSTS

- | | | |
|--|--|--------------------|
| d) Fringe Benefits (Rate: 154.22%): | e) Total Fringe Benefits [(c) x (d)] | \$5,881.95 |
| f) Overhead (Rate: 0.0%): | g) Overhead [(c) x (f)] | \$0.00 |
| h) General Administration (Rate: 132.38%): | i) Gen & Admin [(c) x (h)] | \$5,048.97 |
| | j) TOTAL INDIRECT COSTS (e) + (g) + (i) | \$10,930.92 |

FIXED FEE

- | | | | |
|----|--------------------|--------------------------------------|------------|
| k) | Fixed Fee (10.0%): | l) TOTAL FIXED FEE [(c) + (j)] x (k) | \$1,474.49 |
|----|--------------------|--------------------------------------|------------|

CONSULTANT'S OTHER DIRECT COSTS (ODC)

CONSISTENT OTHER DIRECT COSTS (COC)			
Travel (@ active IRS mileage rate)	450 miles @	\$0.655	\$294.75
Pier Diem/ Hotel	1 days @	\$185.00	\$185.00
Delivery	@		\$0.00
Vendor Reproduction			
	Vellum @		\$0.00
	8 1/2 X 11 Reproduction @		\$0.00
	11 X 17 Reproduction @		\$0.00
	Mounting Boards for Presentations @		\$0.00
	Newsletters (Translation and printing) @		\$0.00
	Subtotal Vendor Reproduction		\$0.00
Title Report	0 @	\$0.00	\$0.00
Miscellaneous			\$0.00
	m) TOTAL OTHER DIRECT COSTS		\$479.75

- n) **SUBCONSULTANT COSTS** (attach detailed cost proposal for each subconsultant)

\$0.00

\$0.00

- | | | |
|--|--|--------------------|
| o) TOTAL COST [(c) + (j) + (l) + (m) + (n)] | | \$16,699.16 |
|--|--|--------------------|

NOTES:

1. Key personnel marked with an asterisk (*).
2. Employees subject to prevailing wage marked with two asterisks (**).
3. Anticipated salary increases calculation (Item "b") on attached page.

EXHIBIT 10-H1 COST PROPOSAL

PAGE 2 OF 2

ACTUAL COST-PLUS-FIXED FEE CONTRACTS
(CALCULATIONS FOR ANTICIPATED SALARY INCREASES)Consultant BLACKBURN CONSULTING

Contract No. _____

Date 10/27/2023**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
\$ 3,785.50	58	=	\$65.27	Year 1 Avg Hourly Rate

2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)

Proposed Escalation =		3.0%		
	Avg Hourly Rate		Proposed Escalation	
Year 1	\$65.27	+	1.5%	= \$66.25 Year 1 Avg Hourly Rate
Year 2	\$66.25	+	3.0%	= \$68.24 Year 2 Avg Hourly Rate
Year 3	\$68.24	+	3.0%	= \$70.29 Year 3 Avg Hourly Rate
Year 4	\$70.29	+	3.0%	= \$72.40 Year 4 Avg Hourly Rate
Year 5	\$72.40	+	3.0%	= \$74.57 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	50.00%	*	58.0	=	29.0	Estimated Hours Year 1
Year 2	50.00%	*	58.0	=	29.0	Estimated Hours Year 2
Year 3	0.00%	*	58.0	=	0.0	Estimated Hours Year 3
Year 4	0.00%	*	58.0	=	0.0	Estimated Hours Year 4
Year 5	0.00%	*	58.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	58.0	

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	\$65.27	*	29	=	\$1,892.75	Estimated Hours Year 1
Year 2	\$66.25	*	29	=	\$1,921.25	Estimated Hours Year 2
Year 3	\$68.24	*	0	=	\$0.00	Estimated Hours Year 3
Year 4	\$70.29	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$72.40	*	0	=	\$0.00	Estimated Hours Year 5
Total Direct Labor Cost with Escalation				=	\$3,814.00	
Direct Labor Subtotal before Escalation				=	\$3,785.50	
Estimated total of Direct Labor Salary Increase				=	\$28.50	Transfer to Page 1

NOTES:

- This assumes that an average of one half year will be worked at the rate on the cost proposal.

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: Wendy Supinger Title *: CFO

Signature :  Date of Certification (mm/dd/yyyy): 10/27/2023

Email: wendys@blackburnconsulting.com Phone Number: 530.886.2466

Address: 11521 Blocker Drive, Ste. 110, Auburn CA 95603

*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