

BOS AGREEMENT NO. _____
DOT AGREEMENT NO. 220019

AMENDMENT 1

Original Agreement No.	23-179
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**FIRST AMENDMENT TO COUNTY OF MENDOCINO AGREEMENT NO. 23-179 /
DEPARTMENT OF TRANSPORTATION AGREEMENT NO. 220019
FOR PROFESSIONAL ENGINEERING DESIGN SERVICES
FOR THE HILL ROAD BRIDGE REPLACEMENT PROJECT OVER MILL CREEK,
COUNTY ROAD 327B, MILE POST 2.05**

This first Amendment to Board of Supervisors (BOS) Agreement No. 23-179 / Department of Transportation (DOT) Agreement No. 220019 is entered into by and between the **COUNTY OF MENDOCINO**, a political subdivision of the State of California, hereinafter referred to as "COUNTY," and **GHD**, hereinafter referred to as "CONSULTANT," the date this Amendment is fully executed by all parties.

WHEREAS, BOS Agreement No. 23-179/ DOT Agreement No. 220019 was entered into on October 17, 2023 (the "Initial Agreement"); and

WHEREAS, upon execution of this document by COUNTY and CONSULTANT, this first Amendment will become part of the Agreement and shall be incorporated therein; and

WHEREAS County has determined that additional services are necessary to complete the project, including Caltrans required updates to the final foundation report necessary to bring those reports up to date with current seismic standards, and NEPA revalidation necessary for construction authorization; and

WHEREAS, CONSULTANT has agreed to provide these services for the amount of \$40,149, and has provided a detailed "Scope of Work", attached hereto as Exhibit A and incorporated herein by this reference; and

WHEREAS, it is the desire of COUNTY and CONSULTANT to increase the total amount payable by \$40,149 from \$205,851 to \$246,000.

NOW, THEREFORE, we agree as follows:

1. The total contracted amount set out in the Agreement is hereby increased by \$40,149 from \$205,851 to \$246,000.
2. The Exhibit A, Definition of Services, set out in the Agreement is hereby amended by the Exhibit A attached herein.

3. The Exhibit B, Payment Terms, set out in the Agreement is hereby altered and a new Exhibit B is attached herein.

All other terms and conditions of the Agreement shall remain in full force and effect.

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IN WITNESS WHEREOF

DEPARTMENT FISCAL REVIEW:

By: 
HOWARD N. DASHIELL, Director
TRANSPORTATION

Date: October 21, 2025

Budgeted: ☒ Yes ☐ No

Budget Unit: 3041

Line Item: 2184

Org/Object Code:

Grant: ☒ Yes ☐ No

Grant No. : BRLO-5910(084)

COUNTY OF MENDOCINO

By: _____
JOHN HASCHAK, Chair
BOARD OF SUPERVISORS

Date: _____

ATTEST:

DARCIE ANTLE, Clerk of said Board

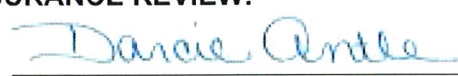
By: _____
Deputy

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

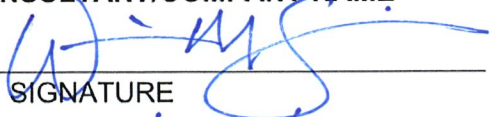
By: _____
Deputy

INSURANCE REVIEW:

By: 
Risk Management

Date: 10/29/2025

CONSULTANT/COMPANY NAME

By: 
SIGNATURE

Date: 10/30/25

NAME AND ADDRESS OF CONSULTANT:

GHD

2235 Mercury Way, Suite 150

Santa Rosa, CA 95407

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: 
COUNTY COUNSEL

Date: 10/29/2025

EXECUTIVE OFFICE/FISCAL REVIEW:

By: 
Deputy CEO or Designee

Date: 10/29/2025

Signatory Authority: \$0-25,000 Department; \$25,001- 50,000 Purchasing Agent; \$50,001+ Board of Supervisors

Exception to Bid Process Required/Completed ☐

Mendocino County Business License: Valid ☐

Exempt Pursuant to MCC Section: _____



Your ref: BOS Agreement No. 23-179 / DOT Agreement No. 220019
Our ref: 12591400

25 August 2025

Rygg Larson, Senior Engineering Technician – Highway Bridge Program
Mendocino County Dept. of Transportation
501 Low Gap Road
Ukiah, CA 95482

Mill Creek Bridge Replacement on Hill Road - Amendment 1 Request

Dear Rygg,

GHD thanks you for the opportunity to present our Amendment Request on the Mill Creek Bridge Replacement on Hill Road Project ("Project"). As discussed during our project team meetings there are items that were not included in the original scope of work that are now necessary due to recent Caltrans coordination and comments. This amendment letter provides additional information regarding the additional out of scope work and the effort required to complete them. The additional work falls into two major categories:

- **Geotech and Structural:** Based on Caltrans review and comment of the most recent structural plans, the project must update the analysis to comply with Caltrans Seismic Design Criteria 2.0, AASHTO LRFD 8th Edition, and Caltrans "Foundation Reports for Bridges", 2024.
- **Environmental:** In coordination with Caltrans on revalidation pursuant to the National Environmental Policy Act (NEPA), the County has been advised that it must update a previously approved Natural Environment Study and Biological Assessment to reflect changes in the status of listed special-status species.

The fee proposal has been prepared using the values from the 10-H originally approved with the contract. Brief summaries of additional work, and the associated costs, are provided below and the fee breakdown is attached:

SCOPE OF WORK

TASK 2 ENVIRONMENTAL PROJECT MANAGEMENT AND COORDINATION

NEPA revalidation was not included in GHD's scope of work for the project. However, as part of environmental permitting efforts completed to date, GHD has coordinated with both the County and Caltrans regarding NEPA revalidation, and based on the initial feedback from Caltrans, GHD submitted a draft NEPA Revalidation Form to the County on July 16, 2024. The NEPA Revalidation Form summarized the proposed listing status change for the Northwestern Pond Turtle, how it was evaluated and mitigated for in the prior NEPA and CEQA documentation, and how additional conservation measures for the species would be incorporated into the project's Environmental Commitment Record.

It is GHD's understanding that the County did not submit the NEPA Revalidation Form to Caltrans, however, the County initiated coordination with Caltrans on the matter in March 2025. Based on the coordination, Caltrans advised that the County should update the previously approved Natural Environment Study to reflect the proposed listing status changes for the Northwestern Pond Turtle and Monarch Butterfly, and to incorporate the latest minimization measures for the Northwestern Pond Turtle into the

report. Caltrans advised that no edits to the Biological Assessment would be necessary for these species, and that no additional Section 7 consultation would be required.

Based on the coordination, Caltrans also advised that the County should update the Biological Assessment to acknowledge the Steelhead summer/winter run split for consistency determination purposes. Caltrans confirmed that Section 7 consultation does not need to be reinitiated since the National Marine Fisheries Service does not recognize the population distinction.

As part of this amendment, GHD will update both the Natural Environment Study and the Biological Assessment, as requested by Caltrans. GHD will then update the previously prepared NEPA Revalidation Form, and will coordinate with the County and Caltrans on the review and submittal of the form through to approval.

The additional cost for the environmental documentation is \$14,510.

TASK 3 GEOTECHNICAL ENGINEERING

Subtask 3.1 Final Foundation Report

During Caltrans review of the structural plans and foundation report, there was a comment regarding the version of the Seismic Design Criteria and the version of the AASHTO Load and Resistance Factor Design Specifications. Caltrans is requiring the project to comply with the most recent version, which requires an update to the analysis.

Along with the previously scoped minor edits to the document, the following geotechnical services are required to complete the Final Foundation Report for the project:

- Review updated foundation data and loading for the bridge abutments and retaining walls as provided by GHD.
- Update the design ARS curve per Caltrans Seismic Design Criteria 2.0 using the ARS online (Version 4) tool.
- Update liquefaction evaluations and lateral spreading evaluation (as necessary) for the borings using updated data from ARS online (Version 4)
- Update pile axial capacity/settlement analyses based on updated foundation data/loading, and potentially for a new pile type at Abutment 1.
- Update the log of test borings using the updated foundation layout plan.
- Prepare and submit a 2nd Revision of Blackburn's Draft Foundation Report (Revision 1, dated January 25, 2018) in general accordance with Caltrans "Foundation Reports for Bridges", 2024.
- Review and respond to comments regarding the Draft Foundation Report (Revision 2).
- Prepare and submit the Final Foundation Report incorporating the draft foundation report comments.

The additional cost for the updates to the Final Foundation Report is \$14,510.

TASK 5 CIVIL ENGINEERING

Subtask 5.3 Bridge Design

There is a likelihood that the bridge foundation and abutment design will need to be updated following the new analysis utilizing the updated ARS curve and Caltrans guidance. Updates due specifically to the updated criteria will be captured in the additional budget requested for this phase in the amendment.

The additional cost for the updates to the Final Foundation Report is \$10,066.

FEE

The total fee requested as part of this amendment is \$38,230 as shown in the attached fee breakdown.

We appreciate your consideration of our request, and we look forward to working as partners with the County for the successful completion of the project. If you have any questions or need additional information please contact either Jeremy or Bill.

Regards

Jeremy Schmal, PE
Project Manager

707-540-9612
Jeremy.Schmal@ghd.com

Bill Silva, PE
Project Director

707-540-9014
Bill.Silva@ghd.com

Copy to: Alicia Winokur, Deputy Director, Engineering
Mendocino County Department of Transportation

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EXHIBIT 10-H COST PROPOSAL Page 1 of 3

BASE BID

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

Consultant GHDProject No. County of Mendocino - Hill Road over Mill Creek B Contract No. _____Date 02/19/21

DIRECT LABOR

Classification/Title	Name	Hours	Actual Hourly Rate	Total
Project Principal*	Bill Silva	0	\$120.19	\$ 0.00
Project Manager*	Jeremy Schmal	16	\$71.15	\$ 1,138.40
Senior Structural Engr*	Steve Burns	18	\$59.10	\$ 1,063.80
Project Engineer	GHD Staff	18	\$48.07	\$ 865.26
Design Engineer	GHD Staff	0	\$43.27	\$ 0.00
CAD/Designer	GHD Staff	22	\$50.01	\$ 1,100.22
Environmental Lead	GHD Staff	40	\$56.41	\$ 2,256.40
Enviro Support/Biologist	GHD Staff	32	\$37.50	\$ 1,200.00
Hydraulics/Hydrology	GHD Staff	0	\$79.34	\$ 0.00
Landscape Architect	GHD Staff	0	\$57.74	\$ 0.00
Surveyor	Richard Maddock	0	\$49.49	\$ 0.00
Project Coordinator	GHD Staff	0	\$38.53	\$ 0.00

146

LABOR COSTS

a) Subtotal Direct Labor Costs

\$7,624.08

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

\$709.60

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

\$8,333.68

INDIRECT COSTS

d) Fringe Benefits (Rate: 34.49 %)

e) Total Fringe Benefits [(c) x (d)]

\$2,874.28

f) Overhead (Rate: 149.47 %)

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

\$11,413.80

h) General and Administrative (Rate: 0.00 %)

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

\$0.00

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

\$14,288.09

FIXED FEE

k) TOTAL FIXED FEE [(c)+(j)] x fixed fee 10.0%

\$2,262.18

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

Description of Item	Quantity	Unit	Unit Cost	Total
Travel Costs	0	LS	1	\$0.00
Per Diem (Meals & Lodging)	0	LS	1	\$0.00
				\$0.00
				\$0.00
				\$0.00

l) TOTAL OTHER DIRECT COSTS

\$0.00

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

Blackburn		\$13,346.00

m) TOTAL SUBCONSULTANTS' COSTS

\$13,346.00

n) TOTAL OTHER DIRECT COSTS INCLUDING SUBCONSULTANTS [(l)+(m)]

\$13,346.00

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

\$38,229.94

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 Subtotal per Cost Proposal	Total Hours per Cost Proposal		Avg Hourly Rate	5 Year Contract Duration Year 1 Avg Hourly Rate
\$7,624.08	146	=	\$52.22	

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	\$52.22	+	2%	=	\$53.26	Year 2 Avg Hourly Rate
Year 2	\$53.26	+	2%	=	\$54.33	Year 3 Avg Hourly Rate
Year 3	\$54.33	+	2%	=	\$55.42	Year 4 Avg Hourly Rate
Year 4	\$55.42	+	2%	=	\$56.52	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 Proposal		Total Hours Year	
Year 1	25.00%	*	146	=	36.5	Estimated Hours Year 1
Year 2	25.00%	*	146	=	36.5	Estimated Hours Year 2
Year 3	25.00%	*	146	=	36.5	Estimated Hours Year 3
Year 4	25.00%	*	146	=	36.5	Estimated Hours Year 4
Year 5	0.00%	*	146	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	146.0	

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	\$52.22	*	37	=	\$1,906.02	Estimated Hours Year 1
Year 2	\$53.26	*	37	=	\$1,944.14	Estimated Hours Year 2
Year 3	\$54.33	*	37	=	\$1,983.02	Estimated Hours Year 3
Year 4	\$55.42	*	37	=	\$2,022.68	Estimated Hours Year 4
Year 5	\$56.52	*	0	=	\$0.00	Estimated Hours Year 5
Total Direct Labor Cost with Escalation				=	\$7,855.87	
Direct Labor Subtotal before Escalation				=	\$7,624.08	
Estimated Total of Direct Labor Salary					\$231.79	Transfer to Page 1
Increase				=	\$709.60	

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: Bill Silva Title *: Project Principal

Signature: _____ Date of Certification (mm/dd/yyyy): 09/15/2022

Email: Bill.Silva@ghd.com Phone Number: 707-484-8236

Address: 2235 Mercury Way Suite 150 | Santa Rosa, California 95407

* 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:

Project Management
Engineering Design
Surveys & Mapping
Utility Coordination
Right of Way
Coordination with Adjacent Properties
Construction Phase Authorization