

## TASK ORDER NO. 5

### (ON-CALL CONSTRUCTION MANAGEMENT FOR HBP FUNDED BRIDGE PROJECTS)

THIS TASK ORDER is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_ 2024, by and between the COUNTY OF LAKE, hereinafter referred to as COUNTY, and MGE ENGINEERING, INC., On-Call Construction Management Firm for HBP Funded Bridge Projects, hereinafter referred to as CONSULTANT:

#### WITNESSETH:

WHEREAS, COUNTY has entered into a Master Agreement dated July 14 2020, with CONSULTANT to perform construction management and inspection services for HBP funded bridge projects, including project management and coordination, environmental compliance, right of way coordination, construction engineering, materials validation, labor compliance, and construction inspection; and,

WHEREAS, COUNTY desires CONSULTANT to perform specific services under the said Master Agreement,

NOW, THEREFORE, IN CONSIDERATION OF the covenants and agreements herein set forth, it is hereby agreed:

1. This Task Order supplements said Master Agreement, and the terms of said Master Agreement apply hereto.

#### 2. **Project**

The project covered by this Task Order:

- **Chalk Mountain Road over Cache Creek Bridge Replacement  
Federal Project No. BRLO-5914(094)**

#### 3. **Scope of Work**

The scope of work covered by this Task Order is described in Exhibit "A" and includes the following tasks:

- a. Project management and coordination.
- b. Environment compliance.

- c. Materials validation.
- d. Labor compliance.
- e. Construction inspection.
- f. Project closeout.

**4. Compensation**

As full compensation for all work or services to be provided by CONSULTANT hereunder, COUNTY shall make payments to CONSULTANT at the times and in accordance with the procedures set forth in the Master Agreement. The total fee for the project will be a lump sum amount of **Six Hundred Seventy-One Thousand Nine Hundred Fifty-Two Dollars and Four Cents (\$671,952.04)**, not to be exceeded without prior approval of COUNTY. Payments shall be made on a percent completed basis based upon satisfactory documentation of work completed. Documentation shall be submitted to COUNTY along with each invoice summarizing the work performed and justifying the percentage completion. Any additional services will be paid on a time and expense basis according to the fee schedule provided in Exhibit "A".

**5. Time of beginning and Completion of Services**

Work shall begin no later than five (5) calendar days after CONSULTANT's receipt of a COUNTY issued Notice to Proceed for the assigned Task Order. CONSULTANT shall perform services within the times or by the dates provided in Exhibit "A", except that, if applicable, the schedule may be adjusted to reflect any delay in issuance of the Notice to Proceed, or other delay factors not subject to CONSULTANT control.

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

COUNTY OF LAKE:

CONSULTANT:

\_\_\_\_\_  
Chair, Board of Supervisors



H. Fred Huang, President

ATTEST:

Susan Parker  
Clerk of the Board of Supervisors

APPROVED AS TO FORM:

LLOYD GUINTIVANO  
County Counsel

By: \_\_\_\_\_

By:  \_\_\_\_\_

Lake County

Bartlett Springs Road over Bartlett Creek Bridge Replacement Project (Br.  
No. 14C0311) HBP No. BR10-5914 (111) Construction Management  
Services - MGE Engineering - Estimated Hours March 8, 2024

Lake County										Bartlett Springs Road over Bartlett Creek Bridge Replacement Project (Br. No. 14C0131) HBP No. 88-0-5914 (111) Construction Management Services - MGE Engineering - Estimated Hours		March 8, 2024																		
										Joe Seimert, P.E. - MGE Construction Manager/RE/Structure Rep./MGE		Manuch Mahmoudpour, P.E. RE/Structure Rep. - MGE		Mohammad Rezaei, Inspector - MGE		Peter Yang, Inspector - MGE		Steve Matrangola - Office Engineer - MGE		MGE Task Total Hours		SHN Material Testing		DCM (Labor Compliance)		Abco Construction Services - Gamma Logging				
Task 1 - PRECONSTRUCTION SERVICES										Hourly Rate	251.59	214.33	214.33	214.33	204.78															
270 .25 Construction Contract Administration Work										65					16	81														
270 .99 Other Construction Engineering and General Contract Administration										10						10														
SUBTOTAL HOURS										75		0			16	91														
COST										\$18,869.25		\$0.00		\$0.00	\$3,276.48	\$22,145.73														
Task 2 - CONSTRUCTION SERVICES																														
270 Construction Engineering and General Contract Administration														10																
270 .20 Perform Construction Engineering Work														176	256															
270 .25 Construction Contract Administration Work														344	344															
270 .30 Contract Item Work Inspection										4				20	24	\$41,242.00														
270 .35 Construction Material Sampling and Testing										4				4	8															
270 .40 Perform Safety and Maintenance Reviews										4					4															
270 .45 Relief from Maintenance Process										4				12	16															
270 .55 Perform Final Inspection and Recommend Acceptance										4					4															
270 .96 Employment Compliance										4					4															
270 .65 TMP Implementation During Construction										4					4															
270 .70 Environmental Mitigation/Mitigation Monitoring during Construction Contract										8				2	10															
270 .99 Other Construction Engineering and General Contract Administration										4					4															
SUBTOTAL HOURS										36		0	568	80	694															
COST										\$9,057.24		\$0.00	\$121,739.44	\$16,382.40	\$147,179.08															
285 Prepare and Administer Contract Change Orders																														
285.05 Contract Change Order Process										16				16	32															
285.10 Functional Support															0															
290 Resolve Contract Claims										0					0															
290 .05 Review and Analyze Notices of Potential Claims										0				0	0															
290 .10 Supporting Documentation & Responses to NOPCs										16		0	16	32																
SUBTOTAL HOURS										16		0	16		32															
COST										\$4,025.44		\$0.00	\$3,429.28		\$7,454.72															
Task 3 - POST CONSTRUCTION SERVICES																														
295 Accept Contract, Prepare Final Construction Estimate, and Prepare Final Report																														
295 .05 Process Estimate After Acceptance										4				8	12															
295 .10 Prepare Proposed Final Contract Estimate										4				5	4															
295 .15 As-Built Plans										4					4															
295 .20 Prepare Project History File										40				20	60															
295 .25 Prepare Final Report										4					4															
295 .30 Process Final Estimate										4					4															
295 .99 Other Accept Contract/Prepare Final Construction Estimate and Final Report										8					8															
SUBTOTAL HOURS										68		0	0	33	96															
COST										\$17,108.12		\$0.00	\$0.00	\$6,757.74	\$23,865.86															
TOTAL HOURS										195		0	584	129	908															
TOTAL LABOR COST										\$49,060.05		\$0.00	\$125,168.72	\$26,416.62	\$200,645.39	\$41,242.00	\$25,000.00													
Per Diem (120 days short term)															\$24,592.00															
Mileage: Estimated 140 miles per trip x 30 trips at \$0.67/mile (RE/Struc Rep/Inspector)															\$2,814.00															
Mileage: Estimated 40 miles per trip x 20 trips at \$0.67/mile (RE/Struc Rep/Inspector)															\$536.00															
Mileage: Estimated 140 mi x 52 trips at \$0.67/mile (Assist. RE/Struc Rep/Inspector)															\$4,877.60															
Mileage: Estimated 40 mi x 88 trips at \$0.67/mile (Assist. RE/Struc Rep/Inspector)															\$2,358.40															

The cost of our services includes: furnishing of all materials, equipment and computers, labor and insurance for all services as outlined in the County's Request for Proposal. Part-time working hours are included for our RE/Structure Rep/Inspector for 120 Working Days with exception of working hours not allowed to be performed on Saturdays, Sundays or Holidays as stated in the construction contract special provisions.

WBS codes for MGE internal purposes

Manouch Mahmoudadeh is proposed as a substitute RE/Struc Rep/Inspector

\$305,675.39

	Start Location	End Location	miles	trips	Total
Resident Engineer/Structure Rep/Inspector					
	MGE Office	Bartlett 99	140	30	4,200
	Bartlett 99	East Lakeshore	40	20	800
					<b>5,000</b>
Assist. Resident Engineer/Structure Rep/Inspector					
	MGE Office	Bartlett 99	140	52	7,280
	Bartlett 99	East Lakeshore	40	88	3,520
					<b>10,800</b>
Total =					15,800
Total Cost =			15800 * 0.67		= \$10,586.00

NOTE: Actual daily mileage may vary

Location	longitude	latitude
MGE office	39.489145	-121.517157
Bartlett 99	39.181895	-122.718799
Rte 20/ Co 303	39.112343	-122.820099
Robinson Rancheria	39.141	-122.881932
Chalk Mountain	39.069926	-122.584119
Rte 20/ Co 221	39.017705	-122.571793

Short Term (30 days)

Hotel	\$107/night +\$20 taxes and fees	
Breakfast	\$13	
Lunch	\$15	
Dinner	\$26	
Incidentals	\$5	
total/day =	<u>\$186</u>	(No receipts required)

Assume work is between June 18, 2024 to December 12, 2024 (120 working days)

RE/Structure Rep 44\*\$186 = \$8,184.00  
Inspector

Assist. RE/ 88\*\$186 = \$16,368.00  
Struc Rep/Insp. \$24,552.00

Note: Caltrans Travel Guide ate change January 1, 2024

Grand Total = \$24,552.00

## **Bartlet Springs Bridge Estimate**

### **Compaction QC (Willits Office)**

Prep and Travel- 110\$ per hour x 5 hours= 550\$

Mileage- 80 cents per mile x 130 miles= 104\$

Pw Group 3 Technician- 185\$ per hour x 2 hours= 370\$

Gauge Fee- 35\$ per hour x 2 hours= 70\$

Compaction curve=325\$

Data Entry= 110\$ per hour X ½ hour= 55\$

Total= 1,474\$ x 8 Site visits= **11,792\$**

### **Hot Mix Asphalt QC (Willits Office)**

Prep and Travel- 110\$ per hour x 5 hours= 550\$

Mileage- 80 cents per mile x 130 miles= 104\$

Pw Group 3 Technician- 185\$ per hour x 4 hours= 740\$

Gauge Fee- 35\$ per hour x 4 hours= 140\$

Data Entry= 110\$ per hour X ½ hour= 55\$

Total= 1,589\$ x 2 site visits= **3,178\$**

### **Rebar Inspection (Willits Office)**

Prep and Travel- 110\$ per hour x 5 hours= 550\$

Mileage- 80 cents per mile x 130 miles= 104\$

Pw Group 3 Technician- 185\$ per hour x 2 hours= 370\$

Data Entry= 110\$ per hour X ½ hour= 55\$

Total=1,079\$ x 6 Site Visits= **6,474\$**

**Concrete QC (Willits Office)**

Prep and Travel- 110\$ per hour x 5 hours= 550\$

Mileage- 80 cents per mile x 130 miles= 104\$

Pw Group 3 Technician- 185\$ per hour x 4 hours= 740\$

Compressive Strength Cylinders- 30\$ per unit x 10 units = 300\$

Data Entry= 110\$ per hour X ½ hour= 55\$

Total=1,749\$ x 6 site visits= 10,494\$

**Concrete Sample Pick Up (Willits Office)**

Prep and Travel- 110\$ per hour x 5 hours= 550\$

Mileage- 80 cents per mile x 130 miles= 104\$

Total=654\$ x 6 site visits= 3,924\$

Logistics and Project Management- 5,380\$

**Special Inspection Total Cost= 41,242\$**

## EXHIBIT 10-H1 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  
Consultant **DCM Group**

Prime Consultant

X Subconsultant

2nd Tier Subconsultant

Project No. Lake County Bartlett 99 Bridge Replacement

Contract No. \_\_\_\_\_

Date 11/10/23**DIRECT LABOR**

Classification/Title	Name	hours	Actual Hourly R	Total
Project Manager	Victoria Castaneda	12	\$98.00	\$1,176.00
Labor Compliance Coordinator	Lindsey Kerfeld	30	\$52.00	\$1,560.00
Labor Compliance Administrator	Bryanna Contreras	75	\$25.87	\$1,940.25

**LABOR COSTS**

a) Subtotal Direct Labor Costs

\$4,676.25

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

\$0.00

c) **TOTAL DIRECT LABOR COSTS [(a) + (b)]** \$4,676.25**INDIRECT COSTS**

d) Fringe Benefits

(Rate: 30.00%)e) Total Fringe Benefits [(c) x (d)] \$1,402.88

f) Overhead

(Rate: 55.00%)g) Overhead [(c) x (f)] \$2,571.94

h) General and Administrative

(Rate: 0.00%)i) Gen & Admin [(c) x (h)] \$0.00j) **TOTAL INDIRECT COSTS [(e) + (g) + (i)]** \$3,974.81FIXED FEE 10.00%k) **TOTAL FIXED FEE [(c) + (i)] x (q)]** \$865.11**l) CONSULTANT'S OTHER DIRECT COSTS (ODC) - ITEMIZE (Add additional pages if necessary)**

Description of Item	Quantity	Unit	Unit Cost	Total
			\$	\$
			\$	\$
			\$	\$

l) **TOTAL OTHER DIRECT COSTS** \$0.00**m) SUBCONSULTANTS' COSTS (Add additional pages if necessary)**

	\$
	\$
	\$
	\$
	\$
<b>m) TOTAL SUBCONSULTANTS' COSTS</b>	\$ -

n) **TOTAL OTHER DIRECT COSTS INCLUDING SUBCONSULTANTS [(l)+(m)]** \$0.00**TOTAL COST [(c) + (j) + (k) + (n)]** \$9,516.17**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  
**ACTUAL COST-PLUS-FIXED FEE OR LUMP SUM (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	Year 1 Avg Hourly Rate
\$4,676.25	117	=	\$39.97	

**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	\$39.97	+	3.0%	=	\$41.17	Year 1 Avg Hourly Rate
Year 2	\$41.17	+	3.0%	=	\$42.40	Year 2 Avg Hourly Rate
		+		=	\$0.00	
		+		=	\$0.00	
		+		=	\$0.00	
		+		=	\$0.00	

**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%	*	117.0	=	117.0	Estimated Hours Year 1
Year 2	0.00%	*	117.0	=	0.0	Estimated Hours Year 2
Year 3	0.00%	*	117.0	=	0.0	Estimated Hours Year 3
Year 4	0.00%	*	117.0	=	0.0	Estimated Hours Year 4
Year 5	0.00%	*	117.0	=	0.0	Estimated Hours Year 5
Year 6	0.00%	*	117.0	=	0.0	Estimated Hours Year 6
Total	100%		Total	=	117.0	

**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	\$39.97	*	117.0	=	\$4,676.25	Estimated Hours Year 1
Year 2	\$41.17	*	0.0	=	\$0.00	Estimated Hours Year 2
Year 3	\$0.00	*	0.0	=	\$0.00	Estimated Hours Year 3
Year 4	\$0.00	*	0.0	=	\$0.00	Estimated Hours Year 4
Year 5	\$0.00	*	0.0	=	\$0.00	Estimated Hours Year 5
Year 6	\$0.00	*	0.0	=	\$0.00	Estimated Hours Year 6
	Total Direct Labor Cost with Escalation			=	\$4,676.25	
	Direct Labor Subtotal before Escalation			=	\$4,676.25	
	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.

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: Victoria Castaneda Title \*: President  
Signature: *Victoria Castaneda* Date of Certification (mm/dd/yyyy): 24-Feb-23  
Email: victoria@dcmgrp.com Phone Number: (916) 837-8111  
Address: 333 University Avenue Suite 200, Sacramento, CA 95825

\*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:

Labor Compliance Services

# Abe Construction Services, Inc.

5111 Doolan Rd, Livermore, CA 94551 Phone: 925-944-6363 Fax: 925-476-1588 Email: SA.ACS@ATT.net

March 7, 2024

## Estimate for CIDH Pile Testing Services Bartlett Creek Bridge- Lake County, CA

Attn: MGE  
Joe Siemers

**Scope:** Perform GGL on 6 CIDH piles @ 30" D x -35' w/ 2 Tubes/pile.  
Assume 1 trip and 1 reports w/ all 6 piles same trip.

QTY.	DESCRIPTION	RATE / UNIT	COST
<b>GGL FIELD TESTING</b>			
6	GGL Equipment/Logging Charge	\$155.00 /pile	NA- Min Day Charge
1	Minimum daily field charge (Regardless of Piles/day)	\$1,500.00 /day	\$1,500.00
0	Weekend/ holiday/ Special Shift Charge	\$400.00 /day	\$0.00
<b>REPORT / ANALYSIS/ ENGINEERING CHARGES</b>			
1	GGL Test Report submittals	\$700.00 / each	\$700.00
0	Caltrans PDDF Forms (If Required )	\$100.00 / each	\$0.00
?	Engineer for meetings,standby at site, Training, or Mitigation	\$200.00 /hr	?
0	Certified Payroll Reports (if required)	\$150.00 / each	\$0.00
<b>TRAVEL / MOB EXPENSES</b>			
1	Equipment Mobilization/vehicle/ travel costs	\$1,450.00 / each	\$1,450.00
0	Overnight charge for consecutive field days out of town	\$150.00 /day	\$0.00
<b>Total Estimate</b>			<b>\$3,650.00</b>

### Notes & Terms:

- At least 7 days notice; the job may then be postponed with 24 hrs notice if necessary without charges.  
If we receive less than 7 days notice, additional mobilization expenses may be negotiated.
- Standby charge of \$200/ hr will be charged if engineer must wait for access to piles for testing
- Working conditions for our engineer which conform with OSHA requirements AND SAFE ACCESS TO PILES  
This quote is valid for 90 days.
- All PVC inspection tubes must be BLOWN DRY PRIOR TO TESTING AND SOUNDED WITH A DUMMY PROBE TO ENSURE THE TUBES ARE CLEAR AND STRAIGHT. THE DUMMY PROBE MUST BE A 60-INCH LONG BY 1.25-INCH PIECE OF STEEL PIPE AND PASS FREELY FROM TOP TO BOTTOM OF EACH TUBE.
- Quote assumes ACS insurance per attached certificate is acceptable as-is and that client will list ACS as a direct cost vendor rather than a sub-c consultant/ sub contractor and that FAR Title 48 & 49 requirements do not apply to ACS.

**Please sign below indicating you accept the above rates and terms and agree to pay in full within 30 days of receipt of invoice. Please return signed quote by fax.**

This quote is valid for 90 days.

Company	MGE ENGINEERING, INC.	Date	3/8/24
Print name & title	JOE SIEMERS, CONST. MANAGER	Signature	Joe Siemers

# Chalk Mountain Road over North Fork of Cache Creek Bridge Replacement Project

## Scope of Services

This Scope of Services below is based on MGE's understanding of the specific process to be used in providing Construction Management services for the Chalk Mountain Road over North Fork of Cache Creek Bridge Replacement Project. Tasks are described in detail below.

### TASK 1 Project Management and Coordination

#### Task 1.1 Project Initiation

MGE will prepare and conduct a pre-construction conference. Topics of discussion will be: outline of project specifics, project administration procedures, labor compliance, equal employment opportunity, record keeping, State and Federal safety laws, DBE involvement, use of local businesses and subcontractors, environmental requirements including Storm Water Pollution Prevention, utility issues, traffic control issues, safety problems, etc. This meeting will establish a cooperative (partnering) attitude between MGE, field staff, the County, and the Contractor.

*Deliverables: Meeting agendas, materials (graphics, visual aids and other presentation items), and minutes*

#### Task 1.2 Coordination

1.2.1 Point of Contact – MGE will develop a list of individuals as points of contact for maintaining liaison and coordination throughout the project.

1.2.2 Project Data and Forms – MGE will utilize the Caltrans Field Office File Category System, with any modifications the County may find necessary. Should the files need to be changed for any reason MGE will obtain previous acceptance from the County.

1.2.3 Project Title and Descriptions – In reference to the project in any forms or formal written materials, MGE will use the project title of: Chalk Mountain Road over North Fork of Cache Creek Bridge Replacement Project. In e-mails and on forms with restricted space, MGE will use the short project description of: Chalk Mountain Bridge Replacement.

1.2.4 Project Coordination with County – MGE will coordinate with the County through phone conversations, emails, written memoranda, fax, meetings, etc.

1.2.5 Project Work Plan – MGE will develop, maintain, and implement a detailed work plan that includes project goals and objectives, roles and responsibilities, a communication plan, project controls, scope and deliverables, schedule and budget, and our Quality Control Plan. The Project Work Plan will include project authority, communications, and project documentation including:

<ul style="list-style-type: none"><li>• Project organization</li><li>• Meetings</li><li>• Communications management</li><li>• Preparation of management reports</li><li>• Clarifications and contract interpretations of specifications (RFLs)</li><li>• Submittals and shop drawings</li><li>• Design modifications</li><li>• Change orders</li><li>• Schedule management</li><li>• Claims management</li><li>• Testing and testing documentation</li></ul>	<ul style="list-style-type: none"><li>• Progress pay estimate preparation</li><li>• Inspection and inspection reporting</li><li>• Defective work correction</li><li>• Record drawings</li><li>• Complaint and community relations procedures</li><li>• Safety</li><li>• Photo and video documentation</li><li>• Certified payroll review, DBE compliance, and labor compliance</li><li>• Preparation of documents as needed for Federal, State, and local funds</li><li>• Special inspections</li></ul>
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1.2.6 Project Schedule and Budget Management – MGE will provide the following:

- Project Schedule – MGE will obtain a project schedule from the Contractor. The Project Schedule will include the Contractor's internal Quality Control process and designated County reviews of submitted documents. MGE will update the Project Schedule as necessary, review, monitor, and document changes to the Contractor's schedule.
- Budget Management, Cost Control, and Progress Payments - MGE will maintain and manage our team's schedule, budget and subconsultant contracts. MGE will monitor project funding, financing, and budgets.



## Chalk Mountain Road over North Fork of Cache Creek Bridge Replacement Project

MGE will review the Engineer's estimates, contract item payments, material quantities, and change order payments. MGE will review the Contractor's payment requests, verify pay items, and prepare payment documentation for execution by the County.

*Deliverables: cash flow reports, budget reports, cost estimate reviews*

1.2.7 Weekly paperwork – MGE will prepare all weekly paperwork required under Caltrans requirements and submit weekly. MGE will develop a system for organizing, tracking, filing, and managing paper/electronic correspondence including letters, information requests, submittals, contracts, reports, progress payments, and change orders. All project files will be maintained per procedures established by the County and will include:

- Observation of construction work and job site safety on an as needed basis at key times during construction. For example, SWPPP/WPCP installation, construction staking, start of excavation/backfill, forms/rebar installation, concrete pours, railing installation, paving and signing, and other key inspection times. MGE will notify the County in advance of any significant activities to permit their participation. (Note: Contractor will be responsible for all construction staking).
- A photo record for the project site and adjacent properties to document preconstruction conditions including a photo log of the work being recorded, date and time.

*Deliverables: paper files, electronic files, correspondence logs, suspense lists*

1.2.8 Records Filing System - MGE will develop a project records filing system based on the Caltrans Construction Manual. Project records will include Contractor budget control measures (including itemized accounting of each contract item) and a Contractor payment schedule. Project files will be kept up-to-date and will be monitored by the Construction Manager. Files will contain records for materials testing, schedule reviews, and permit monitoring.

1.2.9 Records Maintenance - MGE will:

- Receive and process Contractor-developed material, plan, and Requests for Information (RFI) submittals
- Develop and maintain a log of Contractor-developed submittals
- Review for approval any Contractor-developed submittals for staging, traffic handling, shoring and falsework plans, shop plans, and other Contractor-developed plans
- Maintain records so that the County can successfully refute Contractor claims for extra work
- DCM group as a subconsultant to MGE will monitor and audit certified payrolls of the Contractor and their Subcontractor's personnel to verify compliance with all State and Federal laws. MGE will conduct required labor compliance interviews in the field.
- Review potential contract change orders (CCO) for contractual and technical merit. Prepare independent cost estimate and schedule analysis of work as necessary. Prepare CCO's covering extra work authorized by the County. Negotiate CCO's for County-approved extra work keeping the County fully informed of status. Maintain daily extra work bills, quantity measurements, or such other information as necessary to document payment to the Contractor for the extra work. Maintain change order summary reports.
- Determine pay quantities and prepare monthly progress estimates for County.

1.2.10 Weekly Status Reports - MGE will submit weekly status reports on an as needed basis that include all paperwork required by Caltrans. Reports will be sufficiently detailed so the County can determine that MGE is performing to expectations and is on schedule. Reports will communicate interim findings and sufficiently address any difficulties or special problems encountered so remedies can be developed. Submittals will be reviewed by the County's In-charge Inspector. Status reports will include status of services by: task breakdown, problems encountered, percent of services complete as of the date of the progress report and discussion of schedule changes, work products, issues currently being addressed and other items of interest as applicable.

*Deliverables: Inspection Diaries, Weekly Statements of Working Days*

1.2.11 Invoices – MGE will prepare periodic invoices providing a summary of work, including covered dates of service, and copies of invoices from any subconsultants. Invoices will include the County's project number and consultant agreement number and will be consistent with the Local Assistance Procedures Manual, Chapter 10, Section

## **Chalk Mountain Road over North Fork of Cache Creek Bridge Replacement Project**

10.8 under "Invoicing (or Progress Payments)". MGE will follow Caltrans and County guidelines for submitting invoices.

1.2.12 Issue/Action Item/Decision Log – MGE will develop and maintain a project Issue/Action Item/Decision log.

1.2.13 Site Safety – MGE will review and monitor the Contractor's safety program for compliance with Cal/OSHA and notify the Contractor if unsafe condition is being observed. If the Contractor refuses to rectify unsafe condition, MGE will notify the applicable authority(s). MGE will investigate accidents and make accident reports.

*Deliverables to be placed in the Project Records:*

- All reports delivered to the In-charge Inspector.
- Draft and Final Project Work Plan
- Contractor-developed Project schedule with updates as provided for in County's Contract Documents
- Project LAPM/LAPG Exhibits, as needed.
- Monthly invoices and progress reports
- Communication documents (emails, memos, etc.)

### **Task 1.3 Management Quality Plan**

MGE will implement the County's Quality Assurance and Quality Control Plan for the Project which will include Quality Control procedures to be used on all deliverables.

*Deliverables:*

- County's Quality Assurance Program.
- Quality Review Documentation and certification for all deliverables.

### **Task 1.4 Project Team Meetings**

Weekly Meetings - MGE will schedule, prepare for, and conduct Project Team Meetings with the County and the Contractor weekly or as necessary to discuss schedule, task progress, and issues to be addressed. Key team members will be present at each team meeting depending on items to be discussed in person or by remote means such as zoom, google meet, or other remote capable media.

*Deliverables:*

- Meeting agendas
- Meeting materials (graphics, visual aids and other presentation items).
- Updated Issue/Action Item/Decision Log
- Updated Project Schedule
- Meeting minutes

## **TASK 2 Environmental Compliance**

### **Task 2.1 Permit/Environmental Compliance**

MGE will review and enforce requirements stipulated in permits issued by regulatory and environmental agencies per the Construction Contract Documents.

### **Task 2.2 Storm Water Pollution Prevention Plan (SWPPP)/(WPCP)**

MGE will ensure that the Contractor stays in compliance with the SWPPP/WPCP by reviewing for approval Contractor-developed SWPPP/WPCP submittal and by monitoring the approved SWPPP/WPCP for compliance.

## **TASK 3 Materials Validation**

### **Task 3.1 Materials Testing**

SHN (a subcontractor to MGE) will perform all materials testing in accordance with the Construction Contract Documents and Caltrans standards.

*Deliverables to be placed in the Project Records:*

- Copies of all test results
- Source Inspection Quality Management Plan (SIQMP)

# Chalk Mountain Road over North Fork of Cache Creek Bridge Replacement Project

## TASK 4 Project Construction Closeout

MGE will:

- Perform final observation of the project upon completion and provide written certification of substantial conformity with PS&E. Collect all written warranties provided by vendors, manufacturers, and CONTRACTOR.
- Compute the final quantities and prepare the final estimate.
- Determine over-runs and under-runs and prepare a report of same with explanation of each. □ Prepare the Final Invoice, Final Detail Estimate, Change Order Summary, Liquidated Damages/Contractors' Claims Report, Materials Certification, Report of Completion, and such other forms and reports as may be required.
- Provide the original set of the project records, including inspections reports, summaries, testing documentation, meeting minutes, RFIs, schedules, correspondence, maps, plans, photo record, shop drawings, submittals, and manufacturers literature. An electronic copy of the project computer files will also be provided.
- Assist the County with post-completion dispute resolution.

### Task 4.1 – Project Punch List

MGE will prepare a list of items to be addressed to complete the project, or "punch list". The punch list will be typed, dated, and show the preparer's name and contact telephone number. Each item will reference the plan sheet number on which the item is drawn, the specifications reference and the exact shortcoming. In addition, MGE will schedule and conduct a project walk-through with the County and Contractor personnel to establish a "punch list" of items of work that are not satisfactory. MGE will assist the County in getting "punch list" items resolved.

*Deliverables: Three copies of each punch list*

### Task 4.2 – As-Built Plans

MGE will coordinate with the Contractor to prepare a set of "as-built" plans. The as-built plans will be provided on the 11"x17" white paper copy provided by the County. All as-built information will be legibly hand-written in indelible red ink. Language will be developed for agreement by the Contractor, MGE and the County for completeness and accuracy. In addition, MGE will obtain from the County a set of full-size plans to be used as a working set of "as-built" drawings to note all changes as they occur.

*Deliverables: Original as-built plans*

## County Responsibilities

MGE's understanding is that the following will be provided by the County:

- Provide copies of construction contract documents.
- Processing of Progress Pay Estimates, and Final Estimate.
- Appropriate staff available for meetings, site visits, and training.
- Discuss with the Resident Engineer, recommendations made by the Resident Engineer.
- Review Construction Change Orders prior to authorization.
- Process authorized Construction Change Orders, if estimated contract cost increase, for approval by the Board of Supervisors.
- Any communication, forwarding RFIs and necessary submittals to the design engineer, and coordinate subsequent discussions amongst the project team, if necessary.
- Assist with Biological and Archeological Monitoring and Surveys if permitting agencies become involved.
- Review notifications or letters prepared by the Resident Engineer prior to transmittal.
- Communicate with State and Federal agencies and communicate with and provide information to the public.

## EXHIBIT 10-H2 COST PROPOSAL Page 1 of 3

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)  
(NON- PREVAILING WAGE CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Note: Mark-ups are Not Allowed

Consultant MGE Engineering, Inc.

☒ Prime Consultant

☐ Subconsultant

☐ 2nd Tier Subconsultant

Project No. BRLO-5914 (094)

Contract No. Bid No. 23-34

Participation Amount \$ 574,949.04 Date 3/15/2024

For Combined Rate	Fringe Benefit % + General & Administrative %	=	Combined ICR %
	OR		
For Home Office Rate	Fringe Benefit 51.47% + General & Administrative 114.48%	=	Home Office ICR 165.95%
For Field Office Rate	Fringe Benefit 48.62% + General & Administrative 98.02%	=	Field Office ICR 146.64%
	Fee	=	10%

## BILLING INFORMATION

Name/Job Title/Classification <sup>1</sup>	Hourly Billing Rates <sup>2</sup>		Effective date of hourly rate		Actual or Avg. hourly rate <sup>4</sup>	% or \$ increase	Hourly range – for Classification only
	Straight <sup>3</sup>	To(1.5x)	From	To			
Joe Siemers, P.E., QSD * Construction Manager RE/Struc Rep/Inspector	\$ 251.59	NA	1/1/2024	12/31/2024	\$ 86.00	0%	Not Applicable
	\$ 264.17	NA	1/1/2025	12/31/2025	\$ 90.30	5%	
	\$ 277.38	NA	1/1/2026	12/31/2026	\$ 94.82	5%	
	\$ 291.25	NA	1/1/2027	12/31/2027	\$ 99.56	5%	
	\$ 305.81	NA	1/1/2028	12/31/2028	\$ 104.53	5%	
Manouch Mahmoudzadeh, PE ** RE/Struc Rep/Inspector	\$ 214.33	NA	1/1/2024	12/31/2024	\$ 79.00	0%	Not Applicable
	\$ 225.05	NA	1/1/2025	12/31/2025	\$ 82.95	5%	
	\$ 236.30	NA	1/1/2026	12/31/2026	\$ 87.10	5%	
	\$ 248.11	NA	1/1/2027	12/31/2027	\$ 91.45	5%	
	\$ 260.52	NA	1/1/2028	12/31/2028	\$ 96.02	5%	
Mohammad Rezaian** Inspector	\$ 214.33	\$ 321.50	1/1/2024	12/31/2024	\$ 79.00	0%	Not Applicable
	\$ 225.05	\$ 337.57	1/1/2025	12/31/2025	\$ 82.95	5%	
	\$ 236.30	\$ 354.45	1/1/2026	12/31/2026	\$ 87.10	5%	
	\$ 248.11	\$ 372.17	1/1/2027	12/31/2027	\$ 91.45	5%	
	\$ 260.52	\$ 390.78	1/1/2028	12/31/2028	\$ 96.02	5%	

## CALCULATION INFORMATION



Peter Yang** Inspector	\$ 231.11	\$ 346.67	\$ 462.22	1/1/2024	12/31/2024	\$ 79.00	0%	Not Applicable
	\$ 225.05	\$ 337.57	\$ 450.09	1/1/2025	12/31/2025	\$ 82.95	5%	
	\$ 236.30	\$ 354.45	\$ 472.60	1/1/2026	12/31/2026	\$ 87.10	5%	
	\$ 248.11	\$ 372.17	\$ 496.23	1/1/2027	12/31/2027	\$ 91.45	5%	
	\$ 260.52	\$ 390.78	\$ 521.04	1/1/2028	12/31/2028	\$ 96.02	5%	
	\$ 204.78	\$ 307.17	\$ 409.56	1/1/2024	12/31/2024	\$ 70.00	0%	
Steve Matranga** Office Engineer	\$ 215.02	\$ 322.53	\$ 430.04	1/1/2025	12/31/2025	\$ 73.50	5%	Not Applicable
	\$ 225.77	\$ 338.66	\$ 451.54	1/1/2026	12/31/2026	\$ 77.18	5%	
	\$ 237.06	\$ 355.59	\$ 474.12	1/1/2027	12/31/2027	\$ 81.03	5%	
	\$ 248.91	\$ 373.37	\$ 497.83	1/1/2028	12/31/2028	\$ 85.09	5%	
	\$ -	\$ -	\$ -	1/1/2024	12/31/2024	\$ -	0%	
	\$ -	\$ -	\$ -	1/1/2025	12/31/2025	\$ -	5%	
	\$ -	\$ -	\$ -	1/1/2026	12/31/2026	\$ -	5%	0.00 - 0.00
	\$ -	\$ -	\$ -	1/1/2027	12/31/2027	\$ -	5%	
	\$ -	\$ -	\$ -	1/1/2028	12/31/2028	\$ -	5%	
	\$ -	\$ -	\$ -	1/1/2024	12/31/2024	\$ -	0%	
	\$ -	\$ -	\$ -	1/1/2025	12/31/2025	\$ -	5%	
	\$ -	\$ -	\$ -	1/1/2026	12/31/2026	\$ -	5%	
	\$ -	\$ -	\$ -	1/1/2027	12/31/2027	\$ -	5%	0.00 - 0.00
	\$ -	\$ -	\$ -	1/1/2028	12/31/2028	\$ -	5%	
	\$ -	\$ -	\$ -	1/1/2024	12/31/2024	\$ -	0%	
	\$ -	\$ -	\$ -	1/1/2025	12/31/2025	\$ -	5%	
	\$ -	\$ -	\$ -	1/1/2026	12/31/2026	\$ -	5%	
	\$ -	\$ -	\$ -	1/1/2027	12/31/2027	\$ -	5%	
	\$ -	\$ -	\$ -	1/1/2028	12/31/2028	\$ -	5%	0.00 - 0.00
	\$ -	\$ -	\$ -	1/1/2024	12/31/2024	\$ -	0%	
	\$ -	\$ -	\$ -	1/1/2025	12/31/2025	\$ -	5%	
	\$ -	\$ -	\$ -	1/1/2026	12/31/2026	\$ -	5%	
	\$ -	\$ -	\$ -	1/1/2027	12/31/2027	\$ -	5%	
	\$ -	\$ -	\$ -	1/1/2028	12/31/2028	\$ -	5%	

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.
3. Billing rate = actual hourly rate \* (1 + ICR) \* (1 + Fee). 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. All costs must comply with the Federal cost principles for reimbursement.
4. For named employees and key personnel enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

## EXHIBIT 10-H2 COST PROPOSAL Page 2 of 3

SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)  
(CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)

Consultant MGE Engineering, Inc. ☒ Prime Consultant ☐ Subconsultant

Project No. BRLO-5914 (094) Contract No.          Bid No. 23-24 Date 3/15/2024

SCHEDULE OF OTHER DIRECT COST ITEMS (Add additional pages as necessary)				
Description of Item	Quantity	Unit	Unit Cost	Total
Mileage Costs	37,264	Mile	0.67	\$24,966.88
Per Diem	164	Day	CT Travel Guide	\$30,504.00
Subconsultant 1: SHN Material Testing Services				
Subconsultant 2: DCM Group Labor Compliance services				
Subconsultant 3: Abe Construction Services -Gamma-Gamma Logging				
Subconsultant 4:				
Subconsultant 5:				
				\$55,803.00
				\$30,000.00
				\$11,200.00

Note: Add additional pages if necessary.

## NOTES:

1. List other direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentation.
2. Proposed ODC items should be consistently billed regardless of client and contract type.
3. Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
4. Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
5. Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
6. Travel related costs should be pre-approved by the contracting agency and shall not exceed current State Department of Personnel Administration rules.
7. If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported by mileage logs.
8. If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is its standard procedure for all of their contracts and that they do not own any vehicles that could be used for the same purpose.
9. The cost proposal format shall not be amended. All costs must comply with the Federal cost principles.
10. Add additional pages if necessary.
11. Subconsultants must provide their own cost proposals.

## EXHIBIT 10-H2 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:

7. Generally Accepted Accounting Principles (GAAP)
8. Terms and conditions of the contract
9. [Title 23 United States Code Section 112](#) - Letting of Contracts
10. [48 Code of Federal Regulations Part 31](#) - Contract Cost Principles and Procedures
11. [23 Code of Federal Regulations Part 172](#) - Procurement, Management, and Administration of Engineering and Design Related Service
12. [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.

Prime Consultant or Subconsultant Certifying:

Name: H. Fred Huang Title \*: President

Signature :  Date of Certification (mm/dd/yyyy): 3/15/2024

Email: fhuang@mgeeng.com Phone Number: 916-421-1000

Address: 7415 Greenhaven Drive, Suite 100, Sacramento, CA 95831

- \* 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:

Construction Management Services for Chalk Mountain Road over North Fork Cache Creek Bridge Replacement Project.

Joe Simers, P.E. - MGE Construction Manager/RE/Struct ural Rofit/Inspector	Marouh Mahmoudzadeh P.E. RE/Structure Rep - MGE -	Mohammad Rezaian, Inspector - MGE	Peter Yang, Inspector - MGE	Steve Matrangola - Office Engineer - MGE	MGE Task Total Hours	SHN Material Testing	DCM (Labor Compliance)	Abe Construction Services - Gamma Gamma CIOH Logging
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[illegible]

labor and insurance  
ers are included for our  
allowed to be performed on

	Start Location	End Location	miles	trips	Total
Resident					
Engineer/Structure					
Rep/Inspector	MGE Office	Chalk Mountain	105	40	4,200
	Chalk Mountain	Bartlett 99	46	80	3,680
	Chalk Mountain	Clearlake	26	40	1,040
					<b>8,920</b>
Assist. Resident					
Engineer/Structure					
Rep/Inspector	MGE Office	Chalk Mountain	105	96	10,080
	Chalk Mountain	Bartlett 99	46	180	8,280
	Charlk Mountain	Clearlake	26	384	9,984
					<b>28,344</b>
Total =					37,264
Total Cost = 37264 * 0.67					= \$24,966.88

NOTE: Actual daily mileage may vary

Location	longitude	latitude
MGE office	39.489145	-121.517157
Bartlett 99	39.181895	-122.718799
Rte 20/ Co 303	39.112343	-122.820099
Robinson Rancheria	39.141586	-122.882961
Chalk Mountain	39.069926	-122.584119
Rte 20/ Co 221	39.017705	-122.571793
Rte 20/Walker Ridge	39.023060	-122.453536
Rte 20/Leesville Rd	39.120504	-122.291449
Walker Ridge/Co 303	39.158093	-122.479568
Clearlake	38.965649	-122.652307
Clearlake Oaks	39.025026	-122.658776

Short Term (30 days)

Hotel	\$107/night +\$20 taxes and fees	
Breakfast	\$13	
Lunch	\$15	
Dinner	\$26	
Incidentals	\$5	
total/day =	<u>\$186</u>	(No receipts required)

Assume work is between May 6, 2024 to October 28, 2024 (120 working days)

RE/Structure Rep 44\*\$186 = \$8,184.00  
Inspector

Assist. RE/ 120\*\$186 = \$22,320.00  
Struc Rep/Insp.  
\$30,504.00

Note: Caltrans Travel Guide ate change January 1, 2024

Grand Total = \$30,504.00



Phone: (707) 459-4518 Email: [info@shn-engr.com](mailto:info@shn-engr.com) Web: [shn-engr.com](http://shn-engr.com)  
335 S. Main Street, Willits, CA 95490-3977

## Chalk Mountain Testing and Inspection Estimate

### Compaction

Prep- \$115/Hr x ½ Hr = \$57.50  
Drive- \$115/Hr x 3 Hr = \$345  
Mileage- \$0.90/Mile x 140 Miles = \$126  
PW Group 3 Tech- \$195/Hr x 2 Hr = \$390  
Gauge Fee- \$35/Hr x 2 Hr = \$70  
Data Entry- \$115/Hr x 1 Hr = \$115  
Total- \$1,103.50/Visit x 8 Visits = \$8,828

### Compaction Curves

\$325/Curve x 4 Curves = \$1,300

### Asphalt

Prep- \$115/Hr x ½ Hr = \$57.50  
Drive- \$115/Hr x 3 Hr = \$345  
Mileage- \$0.90/Mile x 140 Miles = \$126  
PW Group 3 Tech- \$195/Hr x 8 Hr = \$1,560  
Gauge Fee- \$35/Hr x 8 Hr = \$280  
Data Entry- \$115/Hr x 1 Hr = \$115  
Total- \$2,483.50/Visit x 2 Visits = \$4,967

### Rebar

Prep- \$115/Hr x 1 Hr = \$115  
Drive- \$115/Hr x 3 Hr = \$345  
Mileage- \$0.90/Mile x 140 Miles = \$126  
PW Group 4 Tech- \$195/Hr x 2 Hr = \$390  
Data Entry- \$115/Hr x 1 Hr = \$115  
Total- \$1,091/Visit x 10 Visits = \$10,910

### Concrete

Prep- \$115/Hr x ½ Hr = \$57.50  
Drive- \$115/Hr x 3 Hr = \$345  
Mileage- \$0.90/Mile x 140 Miles = \$126  
PW Group 4 Tech- \$195/Hr x 4 Hr = \$780  
Samples- \$30/Unit x 10 Units = \$300  
Data Entry- \$115/Hr x 1 Hr = \$115  
Next Day Pick Up- \$528.50  
Total- \$2,252/Visit x 10 Visits = \$22,520

Total Cost of Inspection- \$48,525  
15% Project Management Fee- \$7,278  
Final Project Cost- \$55,803



# Abe Construction Services, Inc.

5111 Doolan Rd, Livermore, CA 94551 Phone: 925-944-6363 Fax: 925-476-1588 Email: SA.ACS@ATT.net

March 7, 2024

## Estimate for CIDH Pile Testing Services Chalk Mountain Road/Cache Creek- Lake County, CA

Attn: MGE  
Joe Siemens

**Scope:** Perform GGL on 20 CIDH piles @ 30" D x ~41'L w/ 2 Tubes/pile & 1 Pier Pile @ 72" D x 40'L w/ 7 tubes.  
Assume 3 trips and 3 reports.

QTY.	DESCRIPTION	RATE / UNIT	COST
<b>GGL FIELD TESTING</b>			
20	GGL Equipment/Logging Charge (30" Piles)	\$200.00 /pile	\$4,000.00
1	GGL Equipment/Logging Charge (72" Piles)	\$650.00 /pile	NA- Min Day Charge
1	<b>Minimum daily field charge (Regardless of Piles/day)</b>	\$1,500.00 /day	\$1,500.00
0	Weekend/ holiday/ Special Shift Charge	\$400.00 /day	\$0.00
<b>REPORT / ANALYSIS/ ENGINEERING CHARGES</b>			
3	GGL Test Report submittals	\$700.00 / each	\$2,100.00
0	Caltrans PDDF Forms (If Required )	\$100.00 / each	\$0.00
?	Engineer for meetings, standby at site, Training, or Mitigation	\$200.00 /hr	?
0	Certified Payroll Reports (if required)	\$150.00 / each	\$0.00
<b>TRAVEL / MOB EXPENSES</b>			
3	Equipment Mobilization/vehicle/ travel costs	\$1,200.00 / each	\$3,600.00
0	Overnight charge for consecutive field days out of town	\$150.00 /day	\$0.00
<b>Total Estimate</b>			<b>\$11,200.00</b>

### Notes & Terms:

- At least 7 days notice; the job may then be postponed with 24 hrs notice if necessary without charges.  
If we receive less than 7 days notice, additional mobilization expenses may be negotiated.
- Standby charge of \$200/ hr will be charged if engineer must wait for access to piles for testing
- Working conditions for our engineer which conform with OSHA requirements AND SAFE ACCESS TO PILES  
This quote is valid for 90 days.
- All PVC inspection tubes **must** be BLOWN DRY PRIOR TO TESTING AND SOUNDED WITH A DUMMY PROBE TO ENSURE THE TUBES ARE CLEAR AND STRAIGHT. THE DUMMY PROBE MUST BE A 60-INCH LONG BY 1.25-INCH PIECE OF STEEL PIPE AND PASS FREELY FROM TOP TO BOTTOM OF EACH TUBE.
- Quote assumes ACS insurance per attached certificate is acceptable as-is and that client will list ACS as a direct cost vendor rather than a sub-cunsultant/ sub contractor and that FAR Title 48 & 49 requirements do not apply to ACS.

**Please sign below indicating you accept the above rates and terms and agree to pay in full within 30 days of receipt of invoice. Please return signed quote by fax.**

This quote is valid for 90 days.

Company	<u>MGE ENGINEERING, INC.</u>	Date	<u>3/8/24</u>
Print name & title	<u>JOE SIEMERS, CONST. MANAGER</u>	Signature	<u>Joe Siemens</u>