

TASK ORDER NO. 3

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

THIS TASK ORDER is made and entered into this _____ day of _____, 2022, 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:

- **Cooper Creek at Witter Springs Road Bridge Replacement Project
Federal Project No. BRLO-5914(078)**

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. Project Construction 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 **Two Hundred Twenty Four Thousand Nine Hundred Six Dollars and Fifty Three Cents (\$224,906.53)**, 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:
ANITA L. GRANT
County Counsel

By: _____

By:  _____

Witter Springs Road over Cooper 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 Bartlett Springs Road over Cooper 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: Witter Springs Road over Cooper Creek Bridge Replacement Project. In e-mails and on forms with restricted space, MGE will use the short project description of: Cooper Creek 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">• Project organization• Meetings• Communications management• Preparation of management reports• Clarifications and contract interpretations of specifications (RFIs)• Submittals and shop drawings• Design modifications• Change orders• Schedule management• Claims management• Testing and testing documentation	<ul style="list-style-type: none">• Progress pay estimate preparation• Inspection and inspection reporting• Defective work correction• Record drawings• Complaint and community relations procedures• Safety• Photo and video documentation• Certified payroll review, DBE compliance, and labor compliance• Preparation of documents as needed for Federal, State, and local funds• Special inspections
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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. MGE will review the Engineer's estimates, contract item payments, material quantities, and change order

Witter Springs Road over Cooper Creek Bridge Replacement Project

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

Witter Springs Road over Cooper Creek Bridge Replacement Project

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 insure 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)

TASK 4 Project Construction Closeout

MGE will:

Witter Springs Road over Cooper Creek Bridge Replacement Project

- 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 24"x36" 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.
- Forward RFIs 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 (078)

Contract No. Bid No. 22-03

Participation Amount \$ 175,062.78 Date 6/24/2022

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

CALCULATION INFORMATION

Name/Job Title/Classification ¹	Straight ³	Hourly Billing Rates ² To(1.5x) To(2x)	Effective date of hourly rate From To	Actual or Avg. hourly rate ⁴	% or \$ increase	Hourly range – for Classification only
Joe Siemers, P.E., QSD * Construction Manager	\$ 204.78	NA	1/1/2020	\$ 70.00	0%	Not Applicable
	\$ 199.41	NA	1/1/2021	\$ 73.50	5%	
	\$ 209.38	NA	1/1/2022	\$ 77.18	5%	
	\$ 219.85	NA	1/1/2023	\$ 81.03	5%	
	\$ 230.84	NA	1/1/2024	\$ 85.09	5%	
Manouch Mahmoudzadeh, PE ** RE/Struc Rep/Inspector	\$ 184.49	\$ 276.73	1/1/2020	\$ 68.00	0%	Not Applicable
	\$ 193.71	\$ 290.57	1/1/2021	\$ 71.40	5%	
	\$ 203.40	\$ 305.09	1/1/2022	\$ 74.97	5%	
	\$ 213.57	\$ 320.35	1/1/2023	\$ 78.72	5%	
	\$ 224.24	\$ 336.37	1/1/2024	\$ 82.65	5%	
MGE Inspector** Inspector	\$ 176.35	\$ 264.52	1/1/2020	\$ 65.00	0%	Not Applicable
	\$ 185.16	\$ 277.75	1/1/2021	\$ 68.25	5%	
	\$ 194.42	\$ 291.63	1/1/2022	\$ 71.66	5%	
	\$ 204.14	\$ 306.22	1/1/2023	\$ 75.25	5%	
	\$ 214.35	\$ 321.53	1/1/2024	\$ 79.01	5%	
	\$ -	\$ -	1/1/2020		0%	Not Applicable

	\$	-	\$	-	1/1/2021	12/31/2021	\$	-	5%	
	\$	-	\$	-	1/1/2022	12/31/2022	\$	-	5%	
	\$	-	\$	-	1/1/2023	12/31/2023	\$	-	5%	
	\$	-	\$	-	1/1/2024	12/31/2024	\$	-	5%	
	\$	-	\$	-	1/1/2020	12/31/2020	\$	0.00	0%	0.00
	\$	-	\$	-	1/1/2021	12/31/2021	\$	0	5%	0.00
	\$	-	\$	-	1/1/2022	12/31/2022	\$	0.00	5%	0.00
	\$	-	\$	-	1/1/2023	12/31/2023	\$	0.00	5%	0.00
	\$	-	\$	-	1/1/2024	12/31/2024	\$	0.00	5%	0.00
	\$	-	\$	-	1/1/2020	12/31/2020	\$	0.00	0%	0.00
	\$	-	\$	-	1/1/2021	12/31/2021	\$	0	5%	0.00
	\$	-	\$	-	1/1/2022	12/31/2022	\$	0.00	5%	0.00
	\$	-	\$	-	1/1/2023	12/31/2023	\$	0.00	5%	0.00
	\$	-	\$	-	1/1/2024	12/31/2024	\$	0.00	5%	0.00
	\$	-	\$	-	1/1/2020	12/31/2020	\$	0.00	0%	0.00
	\$	-	\$	-	1/1/2021	12/31/2021	\$	0	5%	0.00
	\$	-	\$	-	1/1/2022	12/31/2022	\$	0.00	5%	0.00
	\$	-	\$	-	1/1/2023	12/31/2023	\$	0.00	5%	0.00
	\$	-	\$	-	1/1/2024	12/31/2024	\$	0.00	5%	0.00
	\$	-	\$	-	1/1/2020	12/31/2020	\$	0.00	0%	0.00
	\$	-	\$	-	1/1/2021	12/31/2021	\$	0	5%	0.00
	\$	-	\$	-	1/1/2022	12/31/2022	\$	0.00	5%	0.00
	\$	-	\$	-	1/1/2023	12/31/2023	\$	0.00	5%	0.00
	\$	-	\$	-	1/1/2024	12/31/2024	\$	0.00	5%	0.00
	\$	-	\$	-	1/1/2020	12/31/2020	\$	0.00	0%	0.00
	\$	-	\$	-	1/1/2021	12/31/2021	\$	0	5%	0.00
	\$	-	\$	-	1/1/2022	12/31/2022	\$	0.00	5%	0.00
	\$	-	\$	-	1/1/2023	12/31/2023	\$	0.00	5%	0.00
	\$	-	\$	-	1/1/2024	12/31/2024	\$	0.00	5%	0.00
	\$	-	\$	-	1/1/2020	12/31/2020	\$	0.00	0%	0.00
	\$	-	\$	-	1/1/2021	12/31/2021	\$	0	5%	0.00
	\$	-	\$	-	1/1/2022	12/31/2022	\$	0.00	5%	0.00
	\$	-	\$	-	1/1/2023	12/31/2023	\$	0.00	5%	0.00
	\$	-	\$	-	1/1/2024	12/31/2024	\$	0.00	5%	0.00

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.
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 (078) Contract No. Bid No. 22-03 Date 6/24/2022

SCHEDULE OF OTHER DIRECT COST ITEMS (Add additional pages as necessary)				
Description of Item	Quantity	Unit	Unit Cost	Total
Mileage Costs	10,920	Mile	0.585	\$6,279.00
Per Diem	90	Day	CT Travel Guide	\$14,040.00
Subconsultant 1: SHN Material Testing Services				
Subconsultant 2: DCM Group Labor Compliance services				
Subconsultant 3:				
Subconsultant 4:				
Subconsultant 5:				

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:

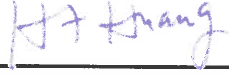
I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

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): 6/24/2022

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 Witter Springs Road over Cooper Creek Bridge Replacement Project.

	Start Location	End Location	miles	trips	Total
Resident Engineer/Structure Rep/Inspector					
	MGE Office	Cooper Creek	140	96	13,440
	Cooper Creek	Upper Lake	10	64	640
					14,080
Assist. Resident Engineer/Structure Rep/Inspector					
	MGE Office	Cooper Creek	140	32	4,480
	Cooper Creek	Upper Lake	10	128	1,280
					5,760
Total =					19,840
Total Cost =					19,840 * 0.585 = \$11,606.40

Short Term (30 days)

Hotel	\$90/night +\$20 taxes and fees	
Breakfast	\$8 *	
Lunch	\$12 *	
Dinner	\$20 *	
Incidentals	\$6 *	(* No Receipt required, per Caltrans Travel Guide)
total/day =	<u>\$156</u>	

Assume work is between June 20, 2020 to October 26, 2020 (90 working days)

RE/Structure Rep 32*\$156 = \$4,992.00
Inspector

Assist. RE/ 48*\$156 = \$7,488.00
Sruc Rep/Insp.

Grand Total = \$12,480.00

Cooper Creek Bridge Estimate

Compaction QC (Willits Office)

Prep and Travel- 95\$ per hour x 2.5 hours= 237.50\$

Mileage- 80 cents per mile x 80 miles= 64\$

Pw Group 3 Technician- 170\$ per hour x 3 hours= 510\$

Gauge Fee- 25\$ per hour x 3 hours= 75\$

Compaction curve=300\$

Data Entry= 95\$ per hour X ½ hour= 47.50\$

Total= 1234\$ x 7 Site visits= **8,638\$**

Hot Mix Asphalt QC (Willits Office)

Prep and Travel- 95\$ per hour x 2.5 hours= 237.50\$

Mileage- 80 cents per mile x 80 miles= 64\$

Pw Group 3 Technician- 170\$ per hour x 3 hours= 510\$

Gauge Fee- 25\$ per hour x 3 hours= 75\$

Compaction curve=300\$

Data Entry= 95\$ per hour X ½ hour= 47.50\$

Total= 1234\$ x 2 site visits= **2,468\$**

Driven Piles Inspection (Eureka Office)

Prep and Travel- 125\$ per hour x 6 hours= 750\$

Mileage- 80 cents per mile x 170 miles= 136\$

Pw Group 2 Technician- 180\$ per hour x 8 hours= 1440\$

Data Entry- 125 per hour x ½ hour= 62.50\$

Total=2388.50\$ x 2 site visits= **4,777\$**

Rebar Inspection (Willits Office)

Prep and Travel- 95\$ per hour x 3 hours= 285\$

Mileage- 80 cents per mile x 80 miles= 64\$

Pw Group 4 Technician- 170\$ per hour x 4 hours= 680\$

Data Entry= 95\$ per hour X ½ hour= 47.50\$

Total=1076.50\$ x 6 Site Visits= **6,459\$**

Concrete QC (Willits Office)

Prep and Travel- 95\$ per hour x 2.5 hours= 237.50\$

Mileage- 80 cents per mile x 80 miles= 64\$

Pw Group 4 Technician- 170\$ per hour x 4 hours= 680\$

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

Data Entry= 95\$ per hour X ½ hour= 47.50\$

Total=1329\$ x 6 site visits= **7974\$**

Concrete Sample Pick Up (Willits Office)

Travel- 95\$ per hour x 2 hours= 190\$

Mileage- 80 cents per mile x 80 miles= 64\$

Total=254\$ x 6 site visits= **1524\$**

Compliance tests**Imported Borrow**

Coarse gradation CT 202- 75\$ per test

Expansion Index ASTM D 4829- 175\$ per test

Sand Equivalent CT 217- 100\$ per test

Gravel Filter

Coarse Gradation CT 202- 75\$ per test

Durability Index CT 229- 75\$ per test

% Crushed Particles CT 205- 200\$ per test

Logistics and Project Management- 3000\$

Special Inspection Total Cost= 35,540\$



Labor Compliance Cost Proposal
Lake County Cooper Creek Bridge Replacement Project
April 14, 2022

Prime Consultant - DCM Group								
Scope of Services	Principal (Victoria Castaneda)	Lead Compliance Coordinator (Lindsay J. Jones)	Labor Compliance Officer (Regina Jones)	Administrative Services and Labor Compliance Technician	Total Labor Costs	Overhead Costs	Professional Fee	Total Costs and Fees
Items 1-12								
Hourly Rates	\$88.00	\$12.00	\$28.00	\$23.00		84.9%	10%	
#1- Project Initiation/Preconstruction Meeting, Labor Compliance Guidelines and Technical Assistance and DIR Project ID Number		1	2		\$88.00	\$95.23	\$12.02	\$195.25
#2- Monitor Certified Payroll Reports and Compliance Documents and DIR eOPR documents			4			\$0.00	\$0.00	\$0.00
#3- Audit contractor's payment of prevailing wages for California Davis Bacon Prevailing Wages and labor compliance documents			4		\$112.00	\$95.23	\$20.72	\$227.95
#4- Verify Employee Trust Fund Monthly Payments or CAD Payments			3		\$64.00	\$71.37	\$15.54	\$150.91
#5- Monitor Unlisted Subcontractors Against Daily Construction Reports and Site Visit Inspection as needed			2		\$58.00	\$47.58	\$10.36	\$115.94
#6- Verify Apprentice Ratio on a Craft by Craft Review and Applicant cert			3		\$64.00	\$71.37	\$15.54	\$150.91
#7- Certify Payroll Reports Issue Non-Compliance Citations and/or labor violations			4		\$112.00	\$95.23	\$20.72	\$227.95
#8- Project Management	5				\$440.00	\$392.63	\$75.78	\$908.41
#9- Provide Monthly Labor Compliance Activity Compliance Reports		2	4		\$176.00	\$168.54	\$36.29	\$380.83
#10- Document Management			2	8	\$184.00	\$168.54	\$14.03	\$366.57
#11- Labor Compliance Close-Out and Project Reports		1			\$88.00	\$84.97	\$18.03	\$190.00
Project Total 5 months	5	4	28	8	\$1,406.00	\$1,194.25	\$283.07	\$2,883.32
Grand total cost for labor compliance monitoring	35	20	142	40			Total	\$14,303.75

* Fees are based upon 5 months. Should the project completion date exceed the construction work, DCM Group will request a change order to complete labor compliance on the project.

Submitted by: Victoria Castaneda, Principal
 Date: April 14, 2022

Lake County Witter Springs Road over Cooper Creek Bridge Replacement Project (Br. No. 14C0135) HBP No. BRLO-5914 (078) Construction Management Services - MGE Engineering - Estimated Hours June 24, 2022						
Hourly Rate	Joe Siemers, P.E. - MGE RE/Structure Rep/Inspector	Manouch Mahmoudzadeh P.E. RE/Structure Rep - MGE	Inspector - MGE	MGE Task Total Hours	SHN Material Testing	DCM (Labor Compliance)
	209.38	203.40	194.42			
Task 1 - PRECONSTRUCTION SERVICES						
270 . 25 Construction Contract Administration Work	40			40		
270 . 99 Other Construction Engineering and General Contract Administration	10			10		
SUBTOTAL HOURS	50	0		50		
COST	\$10,469.00	\$0.00	\$0.00	\$ 10,469.00		
Task 2 - CONSTRUCTION SERVICES						
270 Construction Engineering and General Contract Administration						
270 . 20 Perform Construction Engineering Work	10			10		
270 . 25 Construction Contract Administration Work	176			176		
270 . 30 Contract Item Work Inspection	0		344	344		
270 . 35 Construction Material Sampling and Testing	20		4	24	\$35,540.00	
270 . 40 Perform Safety and Maintenance Reviews	4		4	8		
270 . 45 Relief from Maintenance Process	4			4		
270 . 55 Perform Final Inspection and Recommend Acceptance	4			4		
270 . 56 Employment Compliance	4		8	12		\$14,303.75
270 . 65 TMP Implementation During Construction	4			4		
270 . 70 Environmental Mitigation/Mitigation Monitoring during Construction Contract	8		3	11		
270 . 99 Other Construction Engineering and General Contract Administration	4			4		
SUBTOTAL HOURS	238	0	363	601		
COST	\$49,832.44	\$0.00	\$70,574.46	\$ 120,406.90		
285 Prepare and Administer Contract Change Orders						
285.05 Contract Change Order Process	16			16		
285.10 Functional Support				0		
290 Resolve Contract Claims						
290 . 05 Review and Analyze Notices of Potential Claims	0			0		
290 . 10 Supporting Documentation & Responses to NOPCs	0		0	0		
SUBTOTAL HOURS	16	0	0	16		
COST	\$3,350.08	\$0.00	\$0.00	\$ 3,350.08		
Task 3 - POST CONSTRUCTION SERVICES						
295 Accept Contract, Prepare Final Construction Estimate, and Prepare Final Report						
295 . 05 Process Estimate After Acceptance	4			4		
295 . 10 Prepare Proposed Final Contract Estimate	8			8		
295 . 15 As-Built Plans	8			8		
295 . 20 Prepare Project History File	40			40		
295 . 25 Prepare Final Report	8			8		
295 . 30 Process Final Estimate	8			8		
295 . 99 Other Accept Contract/Prepare Final Construction Estimate and Final Report	4			4		
SUBTOTAL HOURS	80	0	0	80		
COST	\$16,750.40	\$0.00	\$0.00	\$ 16,750.40		
TOTAL HOURS	384	0	363	747		
TOTAL LABOR COST	\$80,401.92	\$0.00	\$70,574.46	\$ 150,976.38	\$35,540.00	\$14,303.75
Per Diem (90 days short term)				\$ 12,480.00		
Mileage: Estimated 140 miles per trip x 96 trips at \$0.585/mile (RE/Struc Rep/Inspector)				\$ 7,862.40		
Mileage: Estimated 10 miles per trip x 64 trips at \$0.585/mile (RE/Struc Rep/Inspector)				\$ 374.40		
Mileage: Estimated 140 mi x 32 trips at \$0.585/mile (Assist. RE/Struc Rep/Inspector)				\$ 2,620.80		
Mileage: Estimated 10 mi x 128 trips at \$0.585/mile (Assist. RE/Struc Rep/Inspector)				\$ 748.80		

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 90 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 Mahmoudzadeh is proposed as a substitute RE/Struc Rep/Inspector

MGE: \$175,062.78
Proj. Total: \$224,906.53