

**AMENDMENT NO. 4
TO PROFESSIONAL SERVICES AGREEMENT
BETWEEN COUNTY OF MONTEREY AND
TRC ENGINEERS, INC.**

THIS AMENDMENT NO. 4 to Professional Services Agreement No. A-12658 between the County of Monterey, a political subdivision of the State of California (hereinafter, “County”) and TRC Engineers, Inc. (hereinafter, “CONTRACTOR”) is hereby entered into between the County and the CONTRACTOR (collectively, the “Parties”) and effective as of the last date opposite the respective signatures below.

WHEREAS, CONTRACTOR entered into Professional Services Agreement No. A-12658 with County on March 11, 2015 (hereinafter, “Agreement”) to provide bridge design services (hereinafter, “Services”) for the Robinson Road Bridge Scour Repair, County Bridge No. 503 (hereinafter, “Project”) through March 10, 2018 with the option to extend the Agreement for two (2) additional one (1) year periods for an amount not to exceed \$496,669; and

WHEREAS, Agreement was amended by the Parties on August 17, 2015 (hereinafter, “Amendment No. 1”, including Exhibit A-1, Revised Rate Schedule”) to update the Rate Schedule, effective March 10, 2015 with no extension to the term and with no increase in the not to exceed amount; and

WHEREAS, Agreement was amended by the Parties on March 8, 2018 (hereinafter, “Amendment No. 2”) to extend the term for one (1) additional year through March 10, 2019 with no increase in the not to exceed amount; and

WHEREAS, Agreement was amended by the Parties on January 11, 2019 (hereinafter, “Amendment No. 3”, including Exhibit A-2, Scope of Services/Payment Provisions) to extend the term for approximately thirty-four (34) additional months through December 31, 2021, to increase the amount by \$199,711.94 which resulted in a total not to exceed amount of \$696,380.94, and to update the Rate Schedule, effective January 1, 2019; and

WHEREAS, County has a need for additional services required to satisfy the permitting requirements of the California Department of Fish and Wildlife (CDFW), the Central Coast Regional Water Quality Control Board (RWQCB), and the National Marine Fisheries Service (NMFS); and

WHEREAS, CONTRACTOR’s Rate Schedule requires an update effective January 1, 2022; and

WHEREAS, additional time and funding are necessary to allow CONTRACTOR to complete new tasks to address these requirements, as well as to accommodate the current oversubscribed Federal Highway Bridge Program (HBP) which may delay the Project; and

WHEREAS, the Parties wish to further amend the Agreement to extend the term for two (2) additional years to December 31, 2023, to increase the amount by \$49,593.97 for a total amount not to exceed \$745,974.91, and to update the Rate Schedule, effective January 1, 2022, as indicated

Amendment No. 4 to Professional Services Agreement No. A-12658
TRC Engineers, Inc.
Robinson Road Bridge Scour Repair (RFQ #10490)
Department of Public Works, Facilities, & Parks
Term: March 10, 2015 – December 31, 2023
Not to Exceed: \$745,974.91

in “Exhibit A-3 – Scope of Services/Payment Provisions” and incorporated by this reference to allow CONTRACTOR to continue to provide services identified in the Agreement and as amended by this Amendment No. 4.

NOW, THEREFORE, the Parties agree to amend the Agreement as follows:

1. Amend the first sentence of Paragraph 1, “Services to be Provided”, to read as follows:

The County hereby engages CONTRACTOR to perform, and CONTRACTOR hereby agrees to perform, the services described in **Exhibits A, A-2, and A-3** in conformity with the terms of this Agreement.

2. Amend Paragraph 2, “Payment by County”, to read as follows:

County shall pay the CONTRACTOR in accordance with the payment provisions set forth in **Exhibits A, A-2, and A-3**, subject to the limitations set forth in this Agreement. The total amount payable by County to CONTRACTOR under this Agreement shall not exceed the sum of \$745,974.91.

3. Amend the first sentence of Paragraph 3, “Term of Agreement”, to read as follows:

The term of this Agreement is from March 10, 2015 to December 31, 2023, unless sooner terminated pursuant to the terms of this Agreement.

4. Amend Paragraph 4, “Additional Provisions/Exhibits”, to add “Exhibit A-3 – Scope of Services/Payment Provisions”.

5. In all places within the Agreement, any reference to the Revised Rate Schedule in “Exhibit A-2, Scope of Services/Payment Provisions” is hereby replaced with the Revised Rate Schedule in “Exhibit A-3, Scope of Services/Payment Provisions”, effective January 1, 2022.

6. The “Project Schedule” referenced in the Agreement, Exhibit A - Scope of Services/Payment Provisions, is hereby amended to extend through December 31, 2023, to conform to the amended term of the Agreement.

7. In all places within the Agreement, any reference to Resource Management Agency is hereby replaced with Department of Public Works, Facilities, & Parks.

8. Invoices under this Agreement shall be submitted monthly and promptly, and in accordance with Paragraph 6, “Payment Conditions”, of the Agreement. All invoices shall reference the Multi-Year Agreement (MYA) number (*MYA 3200*1584*), project name (*Robinson Road Bridge Scour Repair*) and associated Delivery Order (DO) number, and an original hardcopy shall be sent to the following address or via email to PWFP-Finance-AP@co.monterey.ca.us:

Amendment No. 4 to Professional Services Agreement No. A-12658
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County of Monterey
Department of Public Works, Facilities, & Parks (PWFP) – Finance Division
1441 Schilling Place, South 2nd Floor
Salinas, California 93901-4527

Any questions pertaining to invoices under this Agreement should be directed to the RMA Finance Division at (831) 755-4800 or via email to: PWFP-Finance-AP@co.monterey.ca.us.

9. All other terms and conditions of the Agreement, including all Exhibits thereto, remain unchanged and in full force.
10. This Amendment No. 4 and all previous amendments shall be attached to the Agreement and incorporated therein as if fully set forth in the Agreement.
11. The recitals to this Amendment No. 4 are incorporated into the Agreement and this Amendment No. 4.

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IN WITNESS WHEREOF, the Parties hereto have executed this Amendment No. 4 to the Agreement which shall be effective as of the last date opposite the respective signatures below.

COUNTY OF MONTEREY

CONTRACTOR*

By: _____
Contracts/Purchasing Officer

TRC Engineers, Inc.

Contractor's Business Name

Date: _____

By: Mark Imbriani
E897A2E4879D3FE...
(Signature of Chair, President or Vice President)

Approved as to Form
Office of the County Counsel
Leslie J. Girard, County Counsel

Its: Mark A. Imbriani, P.E., Vice President
(Print Name and Title)

By: Mary Grace Perry
A1933B26E717447...
Mary Grace Perry
Deputy County Counsel

Date: 8/30/2021 | 6:26 PM PDT

Date: 8/31/2021 | 1:50 PM PDT

By: Grant Ratkovic
0FC241EA8EED4E8...
(Signature of Secretary, Asst. Secretary, CFO,
Treasurer or Asst. Treasurer)

Its: Grant J. Ratkovic, Assistant Secretary
(Print Name and Title)

Approved as to Fiscal Provisions

By: Gary Giboney
D3834BFEC1D8449...
Auditor/Controller

Date: 8/31/2021 | 11:50 AM PDT

Date: _____

Approved as to Indemnity and Insurance Provisions
Office of the County Counsel
Leslie J. Girard, County Counsel

By: _____
Danielle P. Mancuso
Risk Manager

Date: _____

*INSTRUCTIONS: If CONTRACTOR is a corporation, including non-profit corporations, the full legal name of the corporation shall be set forth above together with the signatures of two (2) specified officers per California Corporations Code Section 313. If CONTRACTOR is a Limited Liability Corporation (LLC), the full legal name of the LLC shall be set forth above together with the signatures of two (2) managers. If CONTRACTOR is a partnership, the full legal name of the partnership shall be set forth above together with the signature of a partner who has authority to execute this Agreement on behalf of the partnership. If CONTRACTOR is contracting in an individual capacity, the individual shall set forth the name of the business, if any, and shall personally sign the Agreement or Amendment to said Agreement.

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Not to Exceed: \$745,974.91

EXHIBIT A-3 – SCOPE OF SERVICES/PAYMENT PROVISIONS

**To Agreement by and between
County of Monterey, hereinafter referred to as “County”
and**

TRC Engineers, Inc., hereinafter referred to as “CONTRACTOR”

SCOPE OF SERVICES:

Based on the results of the consultation with the National Marine Fisheries Service (NMFS), California Department of Fish and Wildlife (CDFW), and the Central Coast Regional Water Quality Control Board (RWQCB), it was determined that the Robinson Road Bridge Scour Repair, County Bridge No. 503 (Project) as originally scoped has a detrimental impact on the South-Central California Coast Steelhead. This scope addresses the requirements placed on the Project by these agencies, namely the preparation of a Habitat Monitoring and Mitigation Program (HMMP) and a RWQCB newly required Alternatives Analysis (AA). Other work will include associated changes to the design, additional specifications, and quantity calculations. This Amendment No. 4 addresses the requirements placed on the Project and will result in Plans, Specifications & Estimate (PS&E) and right of way certifications. Full Federal Highway Bridge Program (HBP) funding was secured to cover the costs incurred hereunder.

CONTRACTOR shall provide the following additional tasks in the implementation of scour countermeasures to protect the substructure of the Project and will consist of the following Phases:

- Phase 0: Project Management
- Phase I: Preliminary Engineering and Reports
- Phase II: Final Design
- Phase III: Construction
- Phase IV: Supplemental Services

PHASE 0: PROJECT MANAGEMENT

0.1 PROJECT MANAGEMENT

0.1.2 Additional Project Management Services

CONTRACTOR shall provide additional Project Management services, as described in Task 0.1 of the original Agreement.

Total Amount Increase: \$2,080.10

0.3 COORDINATION MEETINGS

0.3.2 Additional Coordination Meetings

CONTRACTOR shall attend additional coordination meetings as follows: one (1) with County and two (2) with the various agencies. Meetings are assumed to be via teleconference although one (1) such meeting may be held at County offices in Salinas, California. Effort includes preparation of agendas and meeting minutes for three (3) meetings.

EXHIBIT A-3 – SCOPE OF SERVICES/PAYMENT PROVISIONS

Total Amount Increase: \$2,080.10

0.4 DESIGN REVIEW MEETINGS

0.4.2 Additional Design Review Meetings

CONTRACTOR shall attend one (1) additional design review meeting. This meeting is assumed to be held via conference call with County. Effort includes preparation of an agenda and meeting notes.

Total Amount Increase: \$1,040.05

0.5 CALTRANS LOCAL ASSISTANCE COORDINATION

0.5.2 Additional Caltrans Local Assistance Coordination

CONTRACTOR shall provide additional coordination with Caltrans Local Assistance. Work shall include preparation of an Exhibit 6D package and coordination efforts to attempt to secure the additional HBP funding to cover the costs of the extra construction work required by the HMMP and AA.

Total Amount Increase: \$1,040.05

DELIVERABLES

- *Agency Coordination Meeting Agendas and Meeting Minutes [three (3) meetings]*
- *Agency Design Review Meeting Agenda and Meeting Notes [one (1) meeting]*
- *Additional Exhibit 6D cost determination for the HMMP and AA*

PHASE I: PRELIMINARY ENGINEERING AND REPORTS

1.2.4 HYDRAULIC ANALYSIS

1.2.4.2 Additional Hydraulic Analysis Work

CONTRACTOR shall modify the hydraulic analysis to account for the proposed planting. It is assumed that improvements will be chosen and will not be located in excess of one hundred feet (100') upstream or downstream of the edges of the existing bridge such that additional topographic survey is not required.

DELIVERABLES

- *Revised Hydraulic Analysis*

Total Amount Increase: \$910.00

1.2.7.2 Design Hydraulic Study Report

The Design Hydraulic Study shall be modified to reflect the results of the analysis including the planting construction in the river.

EXHIBIT A-3 – SCOPE OF SERVICES/PAYMENT PROVISIONS

DELIVERABLES

- *Revised Design Hydraulic Study with Planting*

Total Amount Increase: \$1,070.03

1.7 ENVIRONMENTAL DOCUMENTS

1.7.1.2 Coordination with Responsible/Cooperating Agencies and Other Stakeholders

1.7.1.2.2 Additional Coordination with Responsible /Cooperating Agencies and Other Stakeholders

Ongoing Coordination

During the course of work, CONTRACTOR will conduct a conference call meeting with responsible/cooperating agencies and other stakeholders, the design team, and County to discuss project-related impacts and avoidance measures, including project design modifications and/or additional mitigation. These agencies are expected to include Caltrans Environmental, CDFW, NMFS, United States Fish and Wildlife (USFW), RWQCB, and the United States Army Corps of Engineers (USACE), in addition to County. Much of this coordination has already occurred and so the scope of this task is not expected to be significant.

HMMP Preparation

CONTRACTOR will also coordinate with responsible/cooperating agencies and other stakeholders, the design team, and County, such as through emails and phone calls, during the development of the HMMP. This task includes participation in one (1) meeting with responsible/cooperating agencies and other stakeholders, to review any comments on the Draft HMMP. Since a planting palette has been developed, only minor comments are expected. This task also includes time for internal team calls to discuss agency and stakeholder information requests and time to research, review, describe and share requested information.

Total Amount Increase: \$3,584.13

1.7.1.3 Project Description

1.7.1.3.2 Additional Project Description Work

CONTRACTOR shall modify the Project Description to reflect the added mitigation features.

Total Amount Increase: \$1,117.05

1.7.2.8 Floodplain Evaluation Report

1.7.2.8.2 Additional Floodplain Evaluation Report

CONTRACTOR shall modify the Floodplain Evaluation Report and Location

EXHIBIT A-3 – SCOPE OF SERVICES/PAYMENT PROVISIONS

Hydraulic Study to account for the required mitigation features to be placed in the river.

Total Amount Increase: \$630.00

PHASE II: FINAL DESIGN

2.2 CHECKED DESIGN SUBMITTAL (95% PS&E)

2.2.1.1 Additional 95% Complete Plans

CONTRACTOR shall provide additional engineering effort to provide 95% complete Plans for the additional work performed in Exhibit A-3.

Total Amount Increase: \$880.03

2.2.2.1 Additional 95% Complete Specifications

CONTRACTOR shall provide additional engineering effort to provide 95% complete Specifications for the additional work performed in Exhibit A-3.

Total Amount Increase: \$700.00

2.2.3.1 Additional 95% Construction Cost Estimate

CONTRACTOR shall provide additional engineering effort to provide a 95% Construction Cost Estimate for the additional work performed in Exhibit A-3.

Total Amount Increase: \$440.01

2.2.4.1 Additional Quality Assurance (QA) Review

CONTRACTOR shall provide additional engineering effort to provide a QA Review for the additional work performed in Exhibit A-3.

Total Amount Increase: \$520.03

2.2.5.1 Additional Memorandum Response to Comments

CONTRACTOR shall similarly respond to agency submittal comments for the additional work performed in Exhibit A-3.

Total Amount Increase: \$1,224.03

PHASE III: CONSTRUCTION

3.1 CONSTRUCTION SUPPORT

3.1.1 Additional Construction Support

CONTRACTOR shall provide additional Construction Support in Phase III of the Project for the additional work performed in Exhibit A-3. However, this excludes the monitoring work unless added as part of construction phase services. Note a separate construction contract will not be issued for the mitigation planting, rather the planting will be included in the main construction contract.

EXHIBIT A-3 – SCOPE OF SERVICES/PAYMENT PROVISIONS

Total Amount Increase: \$340.00

OTHER DIRECT COSTS FOR PHASE 0, I, II, AND III: \$ 406.65

TOTAL AMOUNT INCREASE FOR PHASE 0, I, II, AND III: \$17,655.61

GRAND TOTAL FOR PHASE 0, I, II AND III: \$18,062.26

PHASE IV: SUPPLEMENTAL SERVICES

4.2 BIOLOGY TASKS

4.2.4 HMMP Preparation

CONTRACTOR shall prepare an HMMP for the site. The HMMP will be prepared per Caltrans standard template for such. It is assumed that the HMMP will recommend the current planting plan and palette.

Total Amount Increase: \$18,195.04

4.2.5 Alternatives Analysis (AA) Preparation

CONTRACTOR shall prepare an alternatives analysis describing considerations in selecting the project configuration. This report will rely on previous type selection studies as well as hydraulic analyses already performed. It is anticipated that the current project configuration will not change as a result of this analysis, as the project configuration was approved in the environmental document and structure type selection processes. Any change in the configuration requiring redesign would be considered extra services.

Total Amount Increase: \$13,336.67

DELIVERABLES

- *HMMP*
- *Alternatives Analysis*

TOTAL AMOUNT INCREASE FOR PHASE IV: \$31,531.71

GRAND TOTAL INCREASE FOR PHASE IV: \$31,531.71

GRAND TOTAL INCREASE TO THE AGREEMENT: \$49,593.97

ANY ADDITIONAL SERVICES REFERENCED IN EXHIBIT A-3 OF THIS

EXHIBIT A-3 – SCOPE OF SERVICES/PAYMENT PROVISIONS

AGREEMENT WHICH DO NOT INCLUDE A COST SHALL NOT BE PROVIDED BY THE CONTRACTOR UNLESS PRESENTED TO AND AUTHORIZED BY THE COUNTY IN WRITING VIA AN EXECUTED AMENDMENT TO THIS AGREEMENT.

EXHIBIT A-3 – SCOPE OF SERVICES/PAYMENT PROVISIONS

PAYMENT PROVISIONS

PHASE 0, I, II, AND III - BASIC SERVICES:

1. CONTRACTOR shall be reimbursed for hours worked at the hourly rates specified in CONTRACTOR's current Rate Schedule from Exhibit A-2 for hours worked in year 2021. For hours worked in year 2022, CONTRACTOR shall be reimbursed for hours worked at the hourly rates specified in CONTRACTOR's revised Rate Schedule, effective January 1, 2022, attached hereto. The specified hourly rates include direct salary costs, employee benefits, overhead, and fee.
2. In addition, CONTRACTOR will be reimbursed for incurred (actual) direct costs other than salary and subconsultant costs. CONTRACTOR will be reimbursed for subconsultant costs at actual cost.
3. Reimbursement for transportation and subsistence costs shall not exceed the rates as specified by County. CONTRACTOR shall receive compensation for travel expenses per the "Monterey County Travel and Business Expense Reimbursement Policy". A copy of the policy is available online at:
http://www.co.monterey.ca.us/auditor/pdfs/County_Travel_Business_Expense_Policy_12-5-12.pdf.
To receive reimbursement, CONTRACTOR must provide a detailed breakdown of authorized expenses, identifying what was expended and when.
4. CONTRACTOR will invoice monthly for payment of services provided and costs incurred, including actual hours worked by task, staff member and associated cost which was incurred during the previous month.

PHASE IV - SUPPLEMENTAL SERVICES:

The basis of payment for the supplemental services provided under this Agreement shall be similar to that for Basic Services as described above, depending on the year worked. The specified hourly rates include direct salary costs, employee benefits, overhead, and fee.

CONTRACTOR shall be reimbursed for travel expenses incurred in accordance with Paragraph 3 above, under Basic Services.

TOTAL COMPENSATION

The specific rates of compensation specified in CONTRACTOR's Revised Rate Schedule are effective on January 1, 2022 and are valid through the amended term of this Agreement. A further rate increase may be negotiated according to Section 13.0, Agreement Terms and Conditions, of RFQ #10490 – On-Call Bridge Design Services for Monterey County Bridge Projects. If approved by County the revised hourly rates must be amended into this Agreement.

For billing purposes work shall be segregated between Basic Services and Supplemental Services.

The total amount payable by County for work under this Agreement for Basic Services (Phase 0, I, II and III) in the amount of \$591,446 shall be increased by \$18,062.26 for a total not to exceed amount of \$609,508.26. Any further increase to the amount must be authorized by

EXHIBIT A-3 – SCOPE OF SERVICES/PAYMENT PROVISIONS

County through an amendment to this Agreement.

The total amount payable by County for work under this Agreement for Supplemental Services (Phase IV) in the amount of \$104,935 shall be increased by \$31,531.71 for a total not to exceed amount of sum of \$136,466.71. Any further increase to the amount must be authorized by County through an amendment to this Agreement.

The total amount payable by County for work under this Agreement for Basic Services and Supplemental Services is increased by \$49,593.97 for a total Agreement amount not to exceed \$745,974.97. Any further increase to the amount must be authorized by County through an amendment to this Agreement.

EXHIBIT A-3 – SCOPE OF SERVICES/PAYMENT PROVISIONS**TRC ENGINEERS, INC.
REVISED RATE SCHEDULE**

Effective January 1, 2022

LABOR RATES

Personnel Classification	2022 Hourly Rates	2023 Hourly Rates
Project Manager	\$ 280.00	\$ 290.00
Project Engineer/Coordinator	\$ 195.00	\$ 205.00
Environmental Manager	\$ 190.00	\$ 195.00
Environmental Planner	\$ 135.00	\$ 140.00
Certified Industrial Hygienist	\$ 190.00	\$ 195.00
Senior Engineer	\$ 165.00	\$ 170.00
ISA Scientist	\$ 150.00	\$ 155.00
Engineer II	\$ 140.00	\$ 145.00
Engineer I	\$ 110.00	\$ 115.00
CADD Supervisor	\$ 155.00	\$ 160.00
CADD Technician	\$ 105.00	\$ 110.00
GIS Specialist	\$ 100.00	\$ 105.00
Desktop Publisher	\$ 85.00	\$ 85.00
Administrative Assistant	\$ 85.00	\$ 85.00
Intern	\$ 60.00	\$ 65.00

Rates are effective from January 1, 2022 through December 31, 2023. Should work be required beyond December 31, 2023, an amendment to this Agreement will be required to establish hourly rates and provide the necessary additional fee to complete the work accordingly.

Similarly titled staff will be billed at equivalent rates (i.e. Senior Scientist, Senior Geologist, Senior Environmental Planner, etc. will be billed at the hourly rate for a Senior Engineer).

DIRECT EXPENSE UNIT RATES

Mileage: Current IRS allowed Mileage Rate.

Other direct costs including telephone, fax, reproduction, and postage will be billed at actual cost.

For travel, lodging and meal reimbursement, CONTRACTOR shall receive compensation for travel expenses as per "Monterey County Travel and Business Expense Reimbursement Policy." A copy of the policy is available online at: http://www.co.monterey.ca.us/auditor/pdfs/County_Travel_Business_Expense_Policy_12-5-12.pdf
To receive reimbursement, CONTRACTOR must provide a detailed breakdown of authorized expenses, identifying what was expended and when.

Subconsultants will be billed at actual cost.

EXHIBIT A-3 – SCOPE OF SERVICES/PAYMENT PROVISIONS

**TRC ENGINEERS, INC.
COST FOR BASIC AND SUPPLEMENTAL SERVICES**

**PROJECT County of Monterey
Robinson Road Bridge Scour Repair
Amendment No. 4, HMMP, AA, and Permit Agency Coordination & Design**

FIRM	BASIC		SUPPLEMENTAL		TOTAL		GRAND TOTAL
	LABOR	ODCS	LABOR	ODCS	LABOR	ODCS	
TRC	\$ 14,555.61	\$ 406.65	\$ 28,331.71	\$ -	\$ 42,887.32	\$ 406.65	\$ 43,293.97
LSA	\$ -	\$ -	\$ 3,200.00	\$ -	\$ 3,200.00	\$ -	\$ 3,200.00
WRECO	\$ 3,100.00	\$ -	\$ -	\$ -	\$ 3,100.00	\$ -	\$ 3,100.00
TOTALS	\$ 17,655.61	\$ 406.65	\$ 31,531.71	\$ -	\$ 49,187.32	\$ 406.65	\$ 49,593.97
		\$ 18,062.26		\$ 31,531.71		\$ 49,593.97	

ODCS - Other Direct Costs

EXHIBIT A-3 – SCOPE OF SERVICES/PAYMENT PROVISIONS**TRC ENGINEERS, INC.
COST PROPOSAL - BASIC TASKS**

PROJECT **County of Monterey**
Robinson Road Bridge Scour Repair
Amendment No. 4, HMMP, AA, and Permit Agency Coordination & Design

DIRECT LABOR

<u>Employee</u>	<u>Function</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
M. Christensen	QC/QA Manager		@ <u>\$80.00</u>	
M. Imbriani	Project Manager	64.0	@ <u>\$94.55</u>	<u>\$6,051</u>
A. Napiatek	Environmental Manager	24.0	@ <u>\$67.27</u>	<u>\$1,614</u>
J. Conklin	Project Engineer	9.0	@ <u>\$67.27</u>	<u>\$605</u>
A. Bedal	Sr. Roadway Engineer	2.0	@ <u>\$56.36</u>	<u>\$113</u>
D. Lockett	Roadway Engineer II		@ <u>\$47.27</u>	
R. Dansby	Sr. Bridge Engineer	25.0	@ <u>\$56.36</u>	<u>\$1,409</u>
T. Hartwig	Environmental Planner	96.0	@ <u>\$56.36</u>	<u>\$5,411</u>
K. Negro	Sr. Bridge Engineer		@ <u>\$56.36</u>	
G. Angel	Bridge Engineer II		@ <u>\$47.27</u>	
C. Pinkerton	Project Engineer		@ <u>\$67.27</u>	
TBD	Environmental Engineer		@ <u>\$65.45</u>	
TBD	Environmental Specialist		@ <u>\$65.45</u>	
TBD	Environmental Scientist		@ <u>\$50.91</u>	
G. Imbsen	CADD Supervisor		@ <u>\$52.73</u>	
A. Cardoza	CADD Technician		@ <u>\$34.55</u>	
T. Maechler	Admin/Publishing	14.0	@ <u>\$28.00</u>	<u>\$392</u>
		<u>234</u>		
<hr/>				
	Escalation Factor			
<hr/>				
	Total Direct Labor Costs	hrs <u>234</u>		<u>\$15,595</u>
<hr/>				
INDIRECT COSTS				
Overhead			Rate <u>150.00%</u>	Total <u>\$23,393.09</u>
	Total Indirect Costs			<u>\$23,393</u>
<hr/>				
		Quantity	Per Unit	Total
Airfare (round trips)				
Mileage		<u>360</u>	<u>\$0.545</u>	<u>\$196.20</u>
Lodging				
Per Diem		<u>1</u>	<u>\$47.00</u>	<u>\$47.00</u>
Car rental		<u>1</u>	<u>\$38.00</u>	<u>\$38.00</u>
Miscellaneous Travel				
Mail		<u>5</u>	<u>\$0.49</u>	<u>\$2.45</u>
Overnight mail		<u>2</u>	<u>\$11.50</u>	<u>\$23.00</u>
Copies (8.5x11)			<u>\$0.08</u>	
Copies (11x17)			<u>\$0.12</u>	
Prints (22x34)			<u>\$2.50</u>	
Mylars (22x34)			<u>\$15.00</u>	
Envir. Permits				
Miscellaneous		<u>1.0</u>	<u>\$100.00</u>	<u>\$100.00</u>
	Total Other Costs			<u>\$407</u>
<hr/>				
FEE (Profit)			10.00%	<u>\$3,899</u>
<hr/>				
SUBCONTRACTOR COSTS (detailed cost estimate attached)				
	LSA			<u>\$3,200</u>
	Wreco			<u>\$3,100</u>
				<u>\$6,300</u>
<hr/>				
TOTAL COST				<u>\$49,594</u>

EXHIBIT A-3 – SCOPE OF SERVICES/PAYMENT PROVISIONS

County of Monterey
 Robinson Road Bridge Scour Repair
 Amendment No. 4, HMMP, AA, and Permit Agen

TRC ENGINEERS, INC.
 BASIC SERVICES DESIGN FEE ESTIMATE WORKSHEET

Proposal Date: 06/11/21

Project: 226649.00
 Increase: 0.0%
 Sub administration: 0.0%
 Current Date: 24-Jun-21
 Current Time: 05:51:19 PM

Expenses	
Description	Amount
Travel	
Airfare (round trips)	\$0
Mileage	\$196
Lodging	\$0
Per Diem	\$47
Car rental	\$38
Miscellaneous Travel	\$0
Travel Subtotal	\$281
Other Direct Costs	\$125
Subconsultants Admin. Costs	\$0
ODC Subtotal	\$125
Total	\$407

Subconsultants (Labor + ODC)	
Name	Amount
Quincy Engineering	
LSA	\$3,200.00
Parikh	
Taber	
Wreco	\$3,100.00
Whitson	
Total	\$6,300

Total Fee Estimate (w/escalation)	
Labor	\$42,887.32
Subconsultants	\$6,300.00
Expenses	\$406.65
Total	\$49,593.97

EXHIBIT A-3 – SCOPE OF SERVICES/PAYMENT PROVISIONS

County of Monterey		LSA ASSOCIATES, INC														
Robinson Road Bridge Scour Repair		HOURS & DESIGN FEE WORKSHEET														
Amendment No. 4, HMMP, AA, and Permit Agency Coordination & Design																
LABOR																
Task Description	Project Manager	Associate Environmental Planner	Assistant Environmental Planner	Biology Principal	Senior Biologist	Water Quality Specialist	GIS Specialist	Document Management	Word Processing	Total Hours	Total \$	Phase Subtotals	% of			
	P. Reading	L. Frakes	C. Sanders	T. Lacy	E. Lichtwardt	N. West	T. Flahive	J. Starr	A. Long			Hrs	\$	Total		
Phase 0 PROJECT MANAGEMENT																
0.1.2 PROJECT MANAGEMENT																
0.2.2 PROJECT INITIATION																
0.3.2 COORDINATION MEETINGS																
0.4.2 DESIGN REVIEW MEETINGS																
0.5.2 CALTRANS LOCAL ASSISTANCE COORDINATION																
Phase I PRELIMINARY ENGINEERING AND REPORTS																
1.1 TOPOGRAPHIC SURVEYING																
1.1.1 HYDRAULIC HEC-RAS CROSS-SECTIONS																
1.1.2 TOPOGRAPHICAL PLAN																
1.2 HYDROLOGIC AND HYDRAULIC ANALYSIS																
1.2.1 PRELIMINARY ASSESSMENT																
1.2.2 FIELD RECONNAISSANCE																
1.2.3 HYDROLOGIC DATA																
1.2.4.2 HYDRAULIC ANALYSIS																
1.2.5 SCOUR ANALYSIS																
1.2.6 COUNTERMEASURES DESIGN																
1.2.7.2 DESIGN HYDRAULIC STUDY REPORT																
1.3 GEOTECHNICAL INVESTIGATION																
1.4 UTILITY COORDINATION																
1.5 RIGHT-OF-WAY ENGINEERING																
1.6 RIGHT-OF-WAY ACQUISITION (BY COUNTY)																
1.7 ENVIRONMENTAL DOCUMENTS																
1.7.1 PROJECT INITIATION AND PROJECT DESCRIPTION																
1.7.1.1 KICK-OFF MEETING WITH PROJECT TEAM/FIELD REVIEW																
1.7.1.2.2 COORDINATION WITH RESPONSIBLE/COOPERATING AGENCIES AND OTHER STAKEHOLDERS																
Pre-design																
NMFS Design Phase																
1.7.1.3.2 PROJECT DESCRIPTION																
1.7.2 PREPARATION OF DRAFT TECHNICAL STUDIES																
1.7.2.1 NATURAL ENVIRONMENT STUDY (NES)																
1.7.2.2 JURISDICTIONAL DELINEATION (JD)																
1.7.2.3 BIOLOGICAL ASSESSMENT (BA)																
1.7.2.4 CULTURAL RESOURCES																
1.7.2.5 GEOLOGY																
1.7.2.6 HAZARDOUS MATERIALS																
1.7.2.7 HYDROLOGY AND WATER QUALITY																
1.7.2.8.2 FLOODPLAIN EVALUATION REPORT																
1.7.2.9 NOISE																
1.7.3 REVISE DRAFT DOCUMENTS BASED ON COUNTY AND CALTRANS COMMENTS																
1.7.4 FINAL TECHNICAL STUDIES																
1.7.5 PREPARATION OF ADMINISTRATIVE DRAFT AND PUBLIC REVIEW DRAFT ENVIRONMENTAL DOCUMENTS																
1.7.5.1 CIRCULATE DRAFT ED FOR PUBLIC REVIEW																
1.7.5.2 RESPONSE TO COMMENTS BASED ON PUBLIC COMMENT																
1.7.6 FINAL ED																
1.7.7 PERMITTING																
1.7.8 MEETING/HEARING ATTENDANCE																
1.8 35% SUBMITTAL; PRELIMINARY DESIGN AND TYPE SELECTION:																
1.8.1 PRELIMINARY STRATEGY REPORT																
1.8.2 35% PRELIMINARY PLANS																
Phase II FINAL DESIGN																
2.1 UNCHECKED DESIGN SUBMITTALS (65% PS&E)																
2.1.1 65% COMPLETE PLANS																
2.1.2 65% COMPLETE SPECIFICATIONS																
2.1.3 65% CONSTRUCTION COST ESTIMATE																
2.1.4 MEMORANDUM RESPONSE TO COMMENTS																
2.1.5 75% PLANS AND ESTIMATE **NEW AMEND NO. 3 TASK																
2.2 CHECKED DESIGN SUBMITTAL (95% PS&E)																
2.2.1.1 95% COMPLETE PLANS																
2.2.2.1 95% COMPLETE SPECIFICATIONS																
2.2.3.1 95% CONSTRUCTION COST ESTIMATE																
2.2.4.1 QA REVIEW																
2.2.5.1 MEMORANDUM RESPONSE TO COMMENTS																
2.3 FINAL DESIGN SUBMITTAL (100% PS&E)																
2.3.1 100% FINAL PLANS																
2.3.2 MEMORANDUM RESPONSE TO COMMENTS																
2.3.3 BID DOCUMENTS																
2.4 BIDDING PERIOD SERVICES																
Phase III CONSTRUCTION																
3.1.1 CONSTRUCTION SUPPORT																
3.2 AS-BUILT PLANS																
Phase IV SUPPLEMENTAL TASKS																
4.1 PUBLIC OUTREACH MEETING																
4.2 BIOLOGY TASKS																
Pre-Permit Application Costs																
4.2.1 SPECIAL-STATUS PLANT SURVEYS																
4.2.2 CRLF SITE ASSESSMENT AND FIELD SURVEYS SITE ASSESSMENT																
4.2.3 BAT DETECTION SURVEYS																
4.2.4 HMMP																
4.2.5 ALTERNATIVES ANALYSIS																
Total Hours										16	3200					
Loaded Billing Rate	200.00	150.00	100.00	190.00	145.00	180.00	160.00	60.00	95.00							
Cost																
% of Total Hours by Classification										100%						
Notes:											Task 4.1 ODCs					
											Task 4.2 ODCs					
											Task 4.3 ODCs					
											Total ODCs					
											Grand Total					

EXHIBIT A-3 – SCOPE OF SERVICES/PAYMENT PROVISIONS

Task Description		LABOR							Total Hours	Total \$
		Principal Engineer	Supervising Engineer	Senior Engineer	Associate Engineer	Staff Engineer	Technician	Clerical/Tech Editor		
		H. Liang	TBD	C. Sewell	TBD	TBD	TBD	TBD		
County of Monterey		WRECO								
Robinson Road Bridge Scour Repair		HOURS & DESIGN FEE WORKSHEET								
Amendment No. 4, HMMP, AA, and Permit Agency Coordination & Design										
Phase 0	PROJECT MANAGEMENT									
0.1.2	PROJECT MANAGEMENT									
0.2.2	PROJECT INITIATION									
0.3.2	COORDINATION MEETINGS									
0.4.2	DESIGN REVIEW MEETINGS									
0.5.2	CALTRANS LOCAL ASSISTANCE COORDINATION									
Phase I	PRELIMINARY ENGINEERING AND REPORTS									
1.1	TOPOGRAPHIC SURVEYING									
1.1.1	HYDRAULIC HEC-RAS CROSS-SECTIONS									
1.1.2	TOPOGRAPHICAL PLAN									
1.2	HYDROLOGIC AND HYDRAULIC ANALYSIS									
1.2.1	PRELIMINARY ASSESSMENT									
1.2.2	FIELD RECONNAISSANCE									
1.2.3	HYDROLOGIC DATA									
1.2.4.2	HYDRAULIC ANALYSIS		2			6			8	\$910
1.2.5	SCOUR ANALYSIS									
1.2.6	COUNTERMEASURES DESIGN									
1.2.7.2	DESIGN HYDRAULIC STUDY REPORT		2			2			4	\$550
1.3	GEOTECHNICAL INVESTIGATION									
1.4	UTILITY COORDINATION									
1.5	RIGHT-OF-WAY ENGINEERING									
1.6	RIGHT-OF-WAY ACQUISITION (BY COUNTY)									
1.7	ENVIRONMENTAL DOCUMENTS									
1.7.1	PROJECT INITIATION AND PROJECT DESCRIPTION									
1.7.1.1	KICK-OFF MEETING WITH PROJECT TEAM/FIELD REVIEW									
1.7.1.2.2	COORDINATION WITH RESPONSIBLE/COOPERATING AGENCIES AND OTHER STAKEHOLDERS									
1.7.1.3.2	PROJECT DESCRIPTION									
1.7.2	PREPARATION OF DRAFT TECHNICAL STUDIES									
1.7.2.1	NATURAL ENVIRONMENT STUDY (NES)									
1.7.2.2	JURISDICTIONAL DELINEATION (JD)									
1.7.2.3	BIOLOGICAL ASSESSMENT (BA)									
1.7.2.4	CULTURAL RESOURCES									
1.7.2.5	GEOLOGY									
1.7.2.6	HAZARDOUS MATERIALS									
1.7.2.7	HYDROLOGY AND WATER QUALITY									
1.7.2.8.2	FLOODPLAIN EVALUATION REPORT		2						2	\$370
1.7.2.9	NOISE									
1.7.3	REVISE DRAFT DOCUMENTS BASED ON COUNTY AND CALTRANS COMMENTS									
1.7.4	FINAL TECHNICAL STUDIES									
1.7.5	PREPARATION OF ADMINISTRATIVE DRAFT AND PUBLIC REVIEW DRAFT ENVIRONMENTAL DOCUMENTS									
1.7.5.1	CIRCULATE DRAFT ED FOR PUBLIC REVIEW									
1.7.5.2	RESPONSE TO COMMENTS BASED ON PUBLIC COMMENT									
1.7.6	FINAL ED									
1.7.7	PERMITTING									
1.7.8	MEETING/HEARING ATTENDANCE									
1.8	35% SUBMITTAL; PRELIMINARY DESIGN AND TYPE SELECTION:									
1.8.1	PRELIMINARY STRATEGY REPORT									
1.8.2	35% PRELIMINARY PLANS									
Phase II	FINAL DESIGN									
2.1	UNCHECKED DESIGN SUBMITTALS (65% PS&E)									
2.1.1	65% COMPLETE PLANS									
2.1.2	65% COMPLETE SPECIFICATIONS									
2.1.3	65% CONSTRUCTION COST ESTIMATE									
2.1.4	MEMORANDUM RESPONSE TO COMMENTS									
2.1.5	75% PLANS AND ESTIMATE **NEW AMEND NO. 3 TASK									
2.2	CHECKED DESIGN SUBMITTAL (95% PS&E)									
2.2.1.1	95% COMPLETE PLANS					4			4	\$360
2.2.2.1	95% COMPLETE SPECIFICATIONS					2			2	\$180
2.2.3.1	95% CONSTRUCTION COST ESTIMATE					2			2	\$180
2.2.4.1	QA REVIEW									
2.2.5.1	MEMORANDUM RESPONSE TO COMMENTS		2			2			4	\$550
2.3	FINAL DESIGN SUBMITTAL (100% PS&E)									
2.3.1	100% FINAL PLANS									
2.3.2	MEMORANDUM RESPONSE TO COMMENTS									
2.3.3	BID DOCUMENTS									
2.4	BIDDING PERIOD SERVICES									
Phase III	CONSTRUCTION									
3.1.1	CONSTRUCTION SUPPORT									
3.2	AS-BUILT PLANS									
Phase IV	SUPPLEMENTAL TASKS									
4.1	PUBLIC OUTREACH MEETING									
4.2	BIOLOGY TASKS									
	Pre-design									
	NMFS Design Phase									
	Pre-Permit Application Costs									
4.2.1	SPECIAL-STATUS PLANT SURVEYS									
4.2.2	CRLF SITE ASSESSMENT AND FIELD SURVEYS SITE ASSESSMENT									
4.2.3	BAT DETECTION SURVEYS									
4.2.4	HMMP									
4.2.5	ALTERNATIVES ANALYSIS									
Total Hours			8			18			26	\$3,100
Loaded Billing Rate		260.00	185.00	175.00	115.00	90.00	85.00	75.00		
Cost		-	1,480	-	-	1,620	-	-	26	\$3,100
% of Total Hours by Classification			31%			69%			100%	
Notes:									ODCs Travel /Per Diem Office Misc/Repro Total ODCs Grand Total \$3,100	

EXHIBIT A-3 – SCOPE OF SERVICES/PAYMENT PROVISIONS

TRC ENGINEERS, INC.
EXPENSES ESTIMATE WORKSHEET
County of Monterey
Robinson Road Bridge Scour Repair
Amendment No. 4, HMMP, AA, and Permit

Travel

From	Rancho Cordova							
To	Salinas							
# of people	1							
# of days	1	# of nights		0				
# of trips	1							
	Rate		#			#		
Airfare (round trips)		x		trips	x		people	= \$0.00
Mileage	\$0.545	x	360	miles (RT)	x	1	trips	= \$196.20
Lodging		x		nights	x		people	= \$0.00
Per Diem	\$47.00	x	1	days	x	1	people	= \$47.00
Car rental	\$38.00	x	1	days	x		people	= \$38.00
Miscellaneous Travel		x		units	x		units	= \$0.00
Total Travel								\$281.20

ODC's

	Rate		#					
Mail	\$0.49	x	5	pieces				= \$2.45
Overnight mail	\$11.50	x	2	pieces				= \$23.00
Copies (8.5x11)	\$0.08	x		copies				= \$0.00
Copies (11x17)	\$0.12	x		prints				= \$0.00
Prints (22x34)	\$2.50	x		prints				= \$0.00
Mylars (22x34)	\$15.00	x		prints				= \$0.00
Envir. Permits		x						= \$0.00
Miscellaneous	\$100.00	x	1	units				= \$100.00
Total ODC's								\$125.45

Total Travel and ODC's \$406.65