# 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 <u>March 10, 2015</u> to <u>December 31, 2023</u>, 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 <a href="PWFP-Finance-AP@co.monterey.ca.us">PWFP-Finance-AP@co.monterey.ca.us</a>:

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## County of Monterey Department of Public Works, Facilities, & Parks (PWFP) – Finance Division 1441 Schilling Place, South 2<sup>nd</sup> 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: <a href="PWFP-Finance-AP@co.monterey.ca.us">PWFP-Finance-AP@co.monterey.ca.us</a>.

- 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.

**COUNTY OF MONTEREY** 

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.

**CONTRACTOR\*** 

By:	TRC Engineers, Inc.
Contracts/Purchasing Officer	Contractor's Business Name
Date:	By: Mark Imbriani  (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)
Leslie J. Girard, County Counsel  Many Grace Perry	Date: 8/30/2021   6:26 PM PDT
Deputy County Counsel	By: Grant Ratheric  OFCIATEASE EDAES  OFCIATEASE EDAES  (Signature of Secretary, Asst. Secretary, CFO,  Treasurer or Asst. Treasurer)
Date: 8/31/2021   1.30 PM PD1	Its: Grant J. Ratkovic, Assistant Secretary (Print Name and Title)
Approved as to Fiscal Provisions  DocuSigned by:	Date: 8/31/2021   11:50 AM PDT
By: Gary Giboney Auditor/Controller	
Date: 8/31/2021   2:03 PM PDT	
Approved as to Indemnity and Insurance Provi Office of the County Counsel Leslie J. Girard, County Counsel	isions
By:	<u>_</u>
Danielle P. Mancuso Risk Manager	
Date:	<u> </u>

\*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.

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

## 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.

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.

#### **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 alreadyoccurred 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

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.

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

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

#### **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 copyof 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

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.

#### TRC ENGINEERS, INC. REVISED RATE SCHEDULE

Effective January 1, 2022

#### LABOR RATES

	2022	2023
Personnel Classification	Hourly Rates	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: <a href="http://www.co.monterey.ca.us/auditor/pdfs/County Travel Business Expense Policy 12-5-12.pdf">http://www.co.monterey.ca.us/auditor/pdfs/County Travel Business Expense Policy 12-5-12.pdf</a>
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.

## 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

		BAS	SIC			SUPPLEM	/IEN	TAL		GR	AND TOTAL			
FIRM		LABOR		ODCS		LABOR	C	DCS		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										

**ODCS - Other Direct Costs** 

	cos	TRC ENGINEERS T PROPOSAL - BA			
PROJECT	County of Monterey Robinson Road Bridge Sco Amendment No. 4, HMMP,	-	ency Coordina	tion & Design	
DIRECT LABOR					
Emanda va a	Franctica.	Harrina	Hourly	Tatal	
<u>Employee</u>	<u>Function</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>	
M. Christensen	QC/QA Manager	@_	\$80.00		
M. Imbriani	Project Manager	64.0 @_	\$94.55	<u>\$6,051</u>	
A. Napiatek	Environmental Manager	24.0 @_		\$1,614 \$605	
J. Conklin A. Bedal	Project Engineer Sr. Roadway Engineer	9.0 @_ 2.0 @_	\$67.27 \$56.36	<u>\$605</u> \$113	
D. Lockett	Roadway Engineer II	2.0 @_ @	\$47.27	<u> </u>	
R. Dansby	Sr. Bridge Engineer	25.0 @	\$56.36	\$1,409	
T. Hartwig	Environmental Planner	96.0 @_	\$56.36	\$5,411	
K. Negoro	Sr. Bridge Engineer	@_	\$56.36		
G. Angel	Bridge Engineer II	@_	\$47.27		
C. Pinkerton	Project Engineer	@_	\$67.27		
TBD	Environmental Engineer	@_	\$65.45		
TBD	Environmental Specialist	@_	\$65.45		
TBD	Environmental Scientist	@_	\$50.91		
G. Imbsen A. Cardoza	CADD Supervisor	@_	\$52.73	<del></del>	
A. Cardoza T. Maechler	CADD Technician Admin/Publishing	@_ 14.0	\$34.55 \$28.00	\$392	
i. Maecillei	Admin/Fublishing	234	\$20.00	Ψ392	
	Escalation Factor				
	Total Direct Labor Costs	hrs <u>234_</u>			\$15,59
INDIRECT COSTS		<del>_</del>			
			Rate	Total	
Overhead			<u> 150.00%</u>	<u>\$23,393.09</u>	
	Total Indirect Costs				\$23,393
		Quantity	Per Unit	Total	
Airfare (round trips)		Quartity	rei Oliit	Total	
Mileage		360	\$0.545	\$196.20	
Lodging			<u> </u>	<u> </u>	
Per Diem		1	\$47.00	\$47.00	
Car rental		1	\$38.00	\$38.00	
Miscellaneous Travel					
Mail		5	\$0.49	<u>\$2.45</u>	
Overnight mail		2	\$11.50	<u>\$23.00</u>	
Copies (8.5x11)			\$0.08		
Copies (11x17)			\$0.12 \$2.50		
			\$2.50 \$15.00		
•					
Mylars (22x34)			Ψ10.00		
Mylars (22x34) Envir. Permits		1.0		\$100.00	
Mylars (22x34) Envir. Permits	Total Other Costs	1.0	\$100.00	\$100.00	\$407
Mylars (22x34) Envir. Permits Miscellaneous	Total Other Costs	1.0		\$100.00 10.00%	
Mylars (22x34) Envir. Permits Miscellaneous FEE (Profit)	Total Other Costs  COSTS (detailed cost estimate				\$407 \$3,899
Prints (22x34) Mylars (22x34) Envir. Permits Miscellaneous  FEE (Profit)  SUBCONTRACTOR C	COSTS (detailed cost estimat			10.00%	
Mylars (22x34) Envir. Permits Miscellaneous FEE (Profit)	COSTS (detailed cost estimate			\$3,200	·
Mylars (22x34) Envir. Permits Miscellaneous FEE (Profit)	COSTS (detailed cost estimat			10.00%	\$3,899
Mylars (22x34) Envir. Permits Miscellaneous FEE (Profit)	COSTS (detailed cost estimate			\$3,200	

TRC ENGINEERS, INC. **County of Monterey** Robinson Road Bridge Scour Repair

BASIC SERVICES DESIGN FEE ESTIMATE WORKSHEET

Amendment No. 4, HMMP, AA, and Permit Agen

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

F roposal Date: 06/11/21

Project: 226649.00 0.0% Increase: 0.0% Sub administration: 24-Jun-21 **Current Date:** 

05:51:19 PM

**Current Time:** 

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

County	f Monterey		TRC	; EI	NGIN	IEE	RS,	INC	<b>)</b> .				Prop	oosal Date:	06	06/11/21	Project:							
Robinson	•	НО	URS &											t Date: Date:	06	2/31/21	226649							
LABOR  Project Environmental Project Sr. Roadway Roadway Sr. Bridge Environmental Sr. Bridge Bridge Project CADD CADD Admin / Total Total Total Manager Manager Engineer Engineer Engineer II Engineer Engineer Engineer II Engineer Engineer II Engineer Supervisor Technician Publishing Hours \$														Phase % Subtotals of										
		M.	Imbriani Hours		apiatek Hours	J. (	Conklin	Α	. Bedal Hours	D. Loci	kett	R. Dansby Hour	T.	Hartwig I	K. Negoro	o G. Angel	C. Pinkerton Hours	G. Imbsen	A. Cardoza Hours	T. M	aechler Hours			Hrs \$ Tota
0.1.2	PROJECT MANAGEMENT PROJECT MANAGEMENT		8								000					000000		000000	000000			8	\$2,080	24 \$6,240
0.3.2	PROJECT INITIATION  COORDINATION MEETINGS		8								200				0000 0000 0000 0000 0000	000000		000000	000000	0.000000		8	\$2,080	
	DESIGN REVIEW MEETINGS CALTRANS LOCAL ASSISTANCE COORDINATION		4								000 000 000 000	00000 00000 00000			0000 0000 0000	000000		000000				4	\$1,040 \$1,040	<b>0</b> - 101
1.1	PRELIMINARY ENGINEERING AND REPORTS  TOPOGRAPHIC SURVEYING										900	****	00000	2 2000 2000 2000	200	000000								24 \$5,481
1.1.2	HYDRAULIC HEC-RAS CROSS-SECTIONS TOPOGRAPHICAL PLAN										000					000000		000000		000000				
	HYDROLOGIC AND HYDRAULIC ANALYSIS PRELIMINARY ASSESSMENT										200	2000				000000		000000		000000				
1.2.3	FIELD RECONNAISSANCE  HYDROLOGIC DATA  LYDRALI I CANALYCIC										(3) (3)	0000 0000 0000		000	000 000 000	000000		000000	0000000	000000				
1.2.5	HYDRAULIC ANALYSIS SCOUR ANALYSIS COUNTERMEASURES DESIGN										000 000	8863 8863 8863		000	000 000 000 000 000	000000		000000	0000000	0000000				
1.2.7.2	COUNTERMEASURES DESIGN  DESIGN HYDRAULIC STUDY REPORT  CENTER IN INC. A LINE OF THE ACTION IN INC. A LI		2								200 200 200	2222 2222 2222		000	000 000 000 000	000000		000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000		2	\$520	
1.4	GEOTECHNICAL INVESTIGATION UTILITY COORDINATION																							
1.6	RIGHT-OF-WAY ENGINEERING RIGHT-OF-WAY ACQUISITION (BY COUNTY)										-													
1.7.1	ENVIRONMENTAL DOCUMENTS PROJECT INITIATION AND PROJECT DESCRIPTION										000 000 000	0000			555 555 555 555	000000		000000	000000					
	KICK-OFF MEETING WITH PROJECT TEAM/FIELD REVIEW  COORDINATION WITH RESPONSIBLE/COOPERATING AGENCIES AND OTHER		12						2		000 000 000 000	0000 0000 0000 0000	0.000	0000	000 000 000 000 000 000	0000000 0000000 0000000 0000000 0000000	**************************************	000000 000000 000000	00000000 0000000 0000000	000000	2	16	\$3,584	
	STAKEHOLDERS  Predesign										633 633 633	0000 0000 0000 0000			0000 0000 0000 0000	000000		000000	0000000 0000000 0000000		_		70,004	
	NMFS Design Phase PROJECT DESCRIPTION		4								000 000 000				666 666 666 666	000000		000000			1	5	\$1,117	
1.7.2.1	PREPARATION OF DRAFT TECHNICAL STUDIES  NATURAL ENVIRONMENT STUDY (NES)										000 000 000	30000 30000 30000 30000				0000000 0000000 0000000		000000	0000000	0000000				
1.7.2.3	JURISDICTIONAL DELINEATION (JD) BIOLOGICAL ASSESSMENT (BA)										333			2 2000	0000 0000 0000 0000	000000		000000						
1.7.2.5	CULTURAL RESOURCES GEOLOGY										000 000 000 000				0000 0000 0000 0000	0000000		000000	0.000000 0.000000 0.000000 0.000000					
1.7.2.7	HAZARDOUS MATERIALS HYDROLOGY AND WATER QUALITY										200 200 200 200	0000 0000 0000 0000			000 000 000 000 000 000 000	0000000		000000 000000 000000 000000	0000000 0000000 0000000 0000000 0000000	0000000				
1.7.2.9			1							******	000 000 000	0000 0000 0000			000 000 000 000	000000		000000 000000 000000	0.000000 0.000000 0.000000	000000 000000 000000		1	\$260	
	REVISE DRAFT DOCUMENTS BASED ON COUNTY AND CALTRANS FINAL TECHNICAL STUDIES												1000000											
1.7.5	PREPARATION OF ADMINISTRATIVE DRAFT AND PUBLIC REVIEW DRAFT ENVIRONMENTAL DOCUMENTS																							
	CIRCULATE DRAFT ED FOR PUBLIC REVIEW RESPONSE TO COMMENTS BASED ON PUBLIC COMMENT																							
1.7.6	FINAL ED PERMITTING																							
	MEETING/HEARING ATTENDANCE																							
1.8	35% SUBMITTAL; PRELIMINARY DESIGN AND TYPE SELECTION:																							
	PRELIMINARY STRATEGY REPORT 35% PRELIMINARY PLANS																							
Phase II	FINAL DESIGN UNCHECKED DESIGN SUBMITTALS (65% PS&E)										888	3333	2000			000000		000000	0000000	000000				11 \$2,494
2.1.1	65% COMPLETE PLANS 65% COMPLETE SPECIFICATIONS										90	0000 0000 0000			000 000 000	000000		000000		000000				
2.1.3	65% CONSTRUCTION COST ESTIMATE MEMORANDUM RESPONSE TO COMMENTS										666 666 666	3000 3000 3000 3000			000 000 000	000000	**************************************	000000 000000 000000	0000000	000000				
2.1.5	75% PLANS AND ESTIMATE **NEW AMEND NO. 3 TASK CHECKED DESIGN SUBMITTAL (95% PS&E)										- 23	3000 3000 3000			000 000 000 000	0000000	.0000000000	000000 000000 000000 000000	0000000 0000000 0000000	000000				
2.2.1.1	95% COMPLETE PLANS 95% COMPLETE SPECIFICATIONS		2								600 600 600 600 600	00000 0000 0000 0000 0000	000000	5 (555) 5 (555) 5 (555)	0000 0000 0000 0000	0000000 0000000 0000000 0000000 0000000		0000000 0000000 0000000 0000000	0000000	000000		2 2	\$520 \$520	
2.2.3.1	95% CONSTRUCTION COST ESTIMATE  QA REVIEW	99999	1 2	9999						********	000	0909	000000	0 0000 0000	000	000000		0000000	0000000	0000000		1	\$260 \$520	
2.2.5.1	MEMORANDUM RESPONSE TO COMMENTS		2								600 600 600	0000	00000	5 (500 1	0000 0000 0000 0000	000000		0.0000	0000000	000000	2	4	\$520 \$674	
2.3.1	FINAL DESIGN SUBMITTAL (100% PS&E)  100% FINAL PLANS  MEMORANDUM RESPONSE TO COMMENTS									$\perp$														
2.3.3	BID DOCUMENTS											+												
Phase III	BIDDING PERIOD SERVICES  CONSTRUCTION  CONSTRUCTION SUPPORT										000	0000	33333	8 000	000 000	000000		000000	0000000	000000			<b>60.40</b>	2 \$340
3.2	CONSTRUCTION SUPPORT AS-BUILT PLANS						1				000 000 000	2000 1		333		000000		000000	0000000	000000		2	\$340	400.000
4.1	SUPPLEMENTAL TASKS PUBLIC OUTREACH MEETING													**	0.000	0000000 0000000 0000000		0000000 0000000 0000000	0000000 0000000 0000000	0000000				173 \$28,332
4.2	BIOLOGY TASKS  Pre-Permit Application Costs										000 000 000 000			N +555	555	000000		000000						
4.2.2	SPECIAL-STATUS PLANT SURVEYS CRLF SITE ASSESSMENT AND FIELD SURVEYS SITE ASSESSMENT										83					0000000 0000000 0000000 0000000	000000000000000000000000000000000000000	0000000 0000000 0000000						
4.2.4	BAT DETECTION SURVEYS HMMP				16						600 000 000 000 000	0000		84	000	000000 000000 000000 000000		0.00000	0000000	000000		108	\$16,595	
4.2.5	ALTERNATIVES ANALYSIS		12		8		8									000000		000000 000000 000000	0000000	0000000		65	\$11,737	
			260.0	Rate		Rate	185.0		155.0	Hrs Rate 1	30.0 R	ate 155.		155.0 Ra	ate 155	Hrs 5.0 Rate 130.0	Hrs Rate 185.0	Hrs Rate 145.0	Hrs   95.0	Hrs Rate	77.0			234 \$42,887
Rate 260.0 Rate 185.0 Rate 185.0 Rate 155.0																								
Notes:  Travel 281.2																								
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Copies (8.5x1 Copies (11x17																								
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Total ODCs 406.65 Grand Total 43293.9725																								

County of	Monterey		LSA A	ASSO	CIATES, II	NC													
Robinson	Road Bridge Scour Repair nt No. 4, HMMP, AA, and Permit Agency Coordination & Design	_			FEE WORKS		Т												
Amenamer	nt No. 4, HIMMP, AA, and Permit Agency Coordination & Design	_																	
LABOR																			
	Tools Description		Associa Environm		Assistant Environmental				l w	ater Quality			ocument			Total	Total	Phase	%
	Task Description	-,-	ect Manager Planne	er	Planner C. Sanders	Biol	logy Principal T.Lacy	Senior Biologist E.Lichtwardt		Specialist N.West	GIS Specialist T.Flahive	1		rd Processing	:	Hours	\$	Subtotals	of
	PROJECT MANAGEMENT		•	ours 🚻	Hours	11111111	<i>.</i>	Hours	111111		Hours		Hours					Hrs \$	Total
0.1.2	PROJECT MANAGEMENT	*******	0111111	 	***** ***** ****			******		-	******								
	PROJECT INITIATION  COORDINATION MEETINGS	333333 333333 333333 333333 333333	0000000 0000000 0000000 0000000 0000000		10000 10000 10000 10000 10000	1000000		**************************************	**************************************			******** ******* ******* ******		9		-			
0.4.2	DESIGN REVIEW MEETINGS	******	0000000	200	**** ***** *****			******											
	CALTRANS LOCAL ASSISTANCE COORDINATION PRELIMINARY ENGINEERING AND REPORTS		***************************************	150 010 010	****			**************************************					10000						
1.1 1.1.1	TOPOGRAPHIC SURVEYING HYDRAULIC HEC-RAS CROSS-SECTIONS	******	0000000 0000000 0000000 0000000		**************************************			000000 000000 000000 000000 000000			*******				*****				
1.1.2	TOPOGRAPHICAL PLAN	******	000000	- 10	***** **** **** ****			******* ****** *****				******	10000						
	HYDROLOGIC AND HYDRAULIC ANALYSIS PRELIMINARY ASSESSMENT	11111111	0000000 0000000 0000000 0000000 0000000	- 8	11111111111111111111111111111111111111	1000000				-	100 100 100 100 100 100 100 100 100 100	*******							
	FIELD RECONNAISSANCE  HYDROLOGIC DATA	******	0000000 0000000 0000000 0000000					**************************************	200000	-		******	10000						
1.2.4.2	HYDRAULIC ANALYSIS	11111111	000000		**************************************			******		23	**************************************								
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1.2.7.2	DESIGN HYDRAULIC STUDY REPORT	******	*******	33 33 33	10000 10000 10000 10000														
1.4	GEOTECHNICAL INVESTIGATION UTILITY COORDINATION	******	000000	200 200 200 200	*****	1000000						******	10000						
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1.7	ENVIRONMENTAL DOCUMENTS	*******	000000	600 600 600 600 600		1000000		******* ******* *******			100000 100000 1000000 1000000	1111111	10000 10000 10000		******				
1.7.1.1	PROJECT INITIATION AND PROJECT DESCRIPTION KICK-OFF MEETING WITH PROJECT TEAM/FIELD REVIEW	******		33		1000000						******	100000 100000 100000 100000 100000	3					
	COORDINATION WITH RESPONSIBLE/COOPERATING AGENCIES AND OTHER STAKEHOLDERS	77 77 77 77 77 77 77 77 77 77 77 77 77	000000 000000 0000000 0000000000000000	91 91 91 91 91	****** ****** *****	10000000 10000000 10000000 10000000 1000000		**************************************	******		100000 100000 100000 100000 100000	******	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
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1.7.2	PREPARATION OF DRAFT TECHNICAL STUDIES	222222	0000000		***** ***** ***** ****			******				******			*****				
	NATURAL ENVIRONMENT STUDY (NES) JURISDICTIONAL DELINEATION (JD)	******	0000000 0000000 0000000 0000000	- 1	**************************************							*******							
	BIOLOGICAL ASSESSMENT (BA) CULTURAL RESOURCES	1111111 11111111 111111111 11111111111	000000	100 100 100 100 100	1111 1111 1111 1111 1111 1111 1111	11111111		******	******	8	1000000 1000000 10000000	******	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		*****				
1.7.2.5	GEOLOGY	333333 555555 555555 555555	000000 0000000 0000000 0000000 0000000	100 100 100 100 100 100	10000 10000 10000 10000 10000	100000					11111111111111111111111111111111111111	*******			*****				
	HAZARDOUS MATERIALS HYDROLOGY AND WATER QUALITY	******		100 100 100 100 100 100				**************************************	******			******	100000 100000 100000 100000 100000						
1.7.2.8.2 1.7.2.9	FLOODPLAIN EVALUATION REPORT	*******		200	0000 0000 0000 0000					3		*******	00000		*****				
172	REVISE DRAFT DOCUMENTS BASED ON COUNTY AND CALTRANS	*******	0000000			1000000		**************************************	******		1000000 1000000 10000000	*******	100000 100000 100000 100000 100000		*****				
	COMMENTS FINAL TECHNICAL STUDIES	333333	0000000 00000000 00000000 0000000 000000	000 000 000 000	******* ****** ******* ******			******			*******	******	00000			-			
175	PREPARATION OF ADMINISTRATIVE DRAFT AND PUBLIC REVIEW DRAFT ENVIRONMENTAL DOCUMENTS	******	0000000 0000000 0000000 0000000 0000000									******							
1.7.5.1	CIRCULATE DRAFT ED FOR PUBLIC REVIEW	******	0000000 0000000 0000000 0000000 0000000	100 100 100 100 100	****** ***** *****	1000000		******	******		1000000 1000000 1000000000000000000000	******							
	RESPONSE TO COMMENTS BASED ON PUBLIC COMMENT FINAL ED	1111111	0000000 0000000 0000000 0000000 0000000		00000 00000 00000 00000 00000							*******	00000			-			
1.7.7	PERMITTING	*******	0000000 0000000 0000000 0000000	33 33	**************************************							******							
1.8	MEETING/HEARING ATTENDANCE 35% SUBMITTAL; PRELIMINARY DESIGN AND TYPE SELECTION:	******	0000000 0000000 0000000 0000000 0000000	200 200 200 200 200	***** ***** ***** ****	1000000		******	******			******	100000 100000 100000 100000						
	PRELIMINARY STRATEGY REPORT 35% PRELIMINARY PLANS	222222	0000000 0000000 00000000 00000000	20 20 20	0000 0000 0000 0000 0000 0000			******	2222	8		******	00000 00000 00000		*****				
Phase II	FINAL DESIGN																		
	UNCHECKED DESIGN SUBMITTALS (65% PS&E) 65% COMPLETE PLANS	******	0000000 0000000 00000000 00000000 000000		1000 1000 1000 1000 1000 1000 1000	*******		******	******		*******	******							
	65% COMPLETE SPECIFICATIONS 65% CONSTRUCTION COST ESTIMATE	******	0000000 0000000 0000000 0000000 0000000		0000 0000 0000 0000	1000000						******							
2.1.4	MEMORANDUM RESPONSE TO COMMENTS	******	000000		**************************************														
	75% PLANS AND ESTIMATE **NEW AMEND NO. 3 TASK CHECKED DESIGN SUBMITTAL (95% PS&E)	774444 774444 774444 774444	000000 000000 000000 000000	20 20 20 20 20 20 20		1000000		199909 199909 199909 199009 199009	******		*******	******** ******** *******	100000						
2.2.1.1	95% COMPLETE PLANS	******	000000	(C)	11111111111111111111111111111111111111			******* ******* ******				******	100000 100000 100000 100000 100000						
2.2.3.1	95% COMPLETE SPECIFICATIONS 95% CONSTRUCTION COST ESTIMATE	*******	0000000 0000000 0000000000000000000000	66 66 66 66 66	****** ****** *****	*******						******			******				
	QA REVIEW MEMORANDUM RESPONSE TO COMMENTS	******		000 000 000 000				**************************************					1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
2.3	FINAL DESIGN SUBMITTAL (100% PS&E)		******	000 000 000 000	**************************************	1222222			122222			******	2222		******				
_	100% FINAL PLANS MEMORANDUM RESPONSE TO COMMENTS	*******		33	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					11		******	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1					
2.3.3	BID DOCUMENTS BIDDING PERIOD SERVICES	3333333	0111010 0111010 0111010 0111010 0111010	633 633 633 633 633	1000 1000 1000 1000 1000 1000			******	22222		******	******							
Phase III	CONSTRUCTION	1111111	******		****						*******								
	CONSTRUCTION SUPPORT AS-BUILT PLANS	*******	000000 000000 000000 000000 000000	000 000 000 000 000	10000000000000000000000000000000000000	11111111		00000 00000 00000 00000	******	**	*******	*******	**************************************						
Phase IV	SUPPLEMENTAL TASKS	******																\$3,200	100%
4.2	PUBLIC OUTREACH MEETING BIOLOGY TASKS	*******	1000000 100000000000000000000000000000	200 200 200 200 200 200	*****	10000000		000000 000000 000000 000000 000000 00000	******	34		********* ******** *******	100000 100000 100000 100000 100000						
	Pre-Permit Application Costs SPECIAL-STATUS PLANT SURVEYS	******	0011000 0011000 0011000 0011000	23 23 23 23 23 23	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1111111		000000 000000 000000 000000 000000 00000	000000		1000000 1000000 1000000	******	10000000000000000000000000000000000000						
4.2.2	CRLF SITE ASSESSMENT AND FIELD SURVEYS SITE ASSESSMENT	******	0000000 0000000 0000000 0000000 0000000	200 200 200 200 200 200 200	00000 00000 00000 00000 00000	1111111		**************************************	22222		10010101 10010101 10010101 10010101	*******	10000 10000 10000 10000		******				
	BAT DETECTION SURVEYS HMMP	******	8	663 603 603 603 603	10000 10000 10000 10000 10000 10000 10000			******		**		*******	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			8	\$1,600		
	ALTERNATIVES ANALYSIS	1111111	8	000 000 000 000 000	1000	333333		000000				*******	10000 10000 10000 10000		*****	8	\$1,600	<u></u>	4000
	Total Hours Loaded Billing Rate	е	200.00 15	0.00	100.00		190.00	145.00	000000	180.00	160.00		60.00	95.00		16	3200		100%
	Cos	t	-	- 655 635 635 635 635	-		-	- 111111 111111 111111 111111 111111		-	-		-					check hours	
Notos	% of Total Hours by Classification	n iiiiiiii	******	100		10000			22022						miii	100%	,	check\$\$	
Notes: Task 4.1 ODCs																			
Task 4.2 ODCs Task 4.3 ODCs																			
Total ODCs  Grand Total																			
																	_		

	Monterey Road Bridge Scour Repair nt No. 4, HMMP, AA, and Permit Agency Coordination & Design		WRECO HOURS & DESIGN FEE WORKSHEET												
Amendine	TENO. 7, FIMINIT, AA, AND FEITHE AGENCY COORDINATION & DESIGN			_						LABOR				<del></del>	
	Task Description		Principal Engineer H. Liang		Supervising Engineer TBD		Senior Engineer C. Sewell	Associate Engineer TBD		Staff Engineer TBD	Technician TBD	7	Clerical/ Fech Editor TBD	Total Hours	Total \$
	PROJECT MANAGEMENT		Hours		Hours		Hours	Hours		Hours	Hours		Hours		
<b>0.1.2</b> 0.2.2	PROJECT MANAGEMENT PROJECT INITIATION							100 100 100 100 100 100 100 100 100 100		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(10 to 10 to				
0.3.2	COORDINATION MEETINGS									5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
0.4.2 0.5.2	DESIGN REVIEW MEETINGS CALTRANS LOCAL ASSISTANCE COORDINATION									0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	The Street Control Con				
	PRELIMINARY ENGINEERING AND REPORTS														
1.1 1.1.1	TOPOGRAPHIC SURVEYING HYDRAULIC HEC-RAS CROSS-SECTIONS														
1.1.2	TOPOGRAPHICAL PLAN										0.0 kg				
	HYDROLOGIC AND HYDRAULIC ANALYSIS PRELIMINARY ASSESSMENT										10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
1.2.2	FIELD RECONNAISSANCE							10020000000000000000000000000000000000			19 19 19 19 19 19 19 19 19 19 19 19 19 1				
1.2.3 1.2.4.2	HYDROLOGIC DATA HYDRAULIC ANALYSIS				2			100 100 100 100 100 100 100 100 100 100 100		6	0000 0000 0000 0000 0000 0000 0000 0000			8	\$910
	SCOUR ANALYSIS							100 100 100 100 100 100 100 100 100 100		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	19 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0				·
	COUNTERMEASURES DESIGN  DESIGN HYDRAULIC STUDY REPORT				2			100 100 100 100 100 100 100 100 100 100		2	10 to			4	\$550
	GEOTECHNICAL INVESTIGATION							**************************************		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 to 10				
	UTILITY COORDINATION RIGHT-OF-WAY ENGINEERING									1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 1 10 10 10 10 10 10 10 10 10 10 10 10				
1.6	RIGHT-OF-WAY ACQUISITION (BY COUNTY)									1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
	ENVIRONMENTAL DOCUMENTS PROJECT INITIATION AND PROJECT DESCRIPTION	**************************************								10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
1.7.1.1	KICK-OFF MEETING WITH PROJECT TEAM/FIELD REVIEW										10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
1.7.1.2.2	COORDINATION WITH RESPONSIBLE/COOPERATING AGENCIES AND OTHER STAKEHOLDERS														
								200000000 200000000 2000000000 200000000			10.000 10.000 10.000 10.000 10.000 10.000 10.000				
1.7.1.3.2	PROJECT DESCRIPTION										10 h m				
	PREPARATION OF DRAFT TECHNICAL STUDIES  NATURAL ENVIRONMENT STUDY (NES)							100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
	JURISDICTIONAL DELINEATION (JD)							100 100 100 100 100 100 100 100 100 100		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1				
	BIOLOGICAL ASSESSMENT (BA) CULTURAL RESOURCES														
1.7.2.5	GEOLOGY										0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
	HAZARDOUS MATERIALS HYDROLOGY AND WATER QUALITY							**************************************		1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
1.7.2.8.2	FLOODPLAIN EVALUATION REPORT				2					1	5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1			2	\$370
1.7.2.9	NOISE REVISE DRAFT DOCUMENTS BASED ON COUNTY AND CALTRANS										0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
1.7.3	COMMENTS										0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
	FINAL TECHNICAL STUDIES  PREPARATION OF ADMINISTRATIVE DRAFT AND PUBLIC REVIEW										1				
1.7.5	DRAFT ENVIRONMENTAL DOCUMENTS									1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 0 10 10 10 10 10 10 10 10 10 10 10 10				
	CIRCULATE DRAFT ED FOR PUBLIC REVIEW RESPONSE TO COMMENTS BASED ON PUBLIC COMMENT										1				
1.7.6	FINAL ED							**************************************		111111	1				
	PERMITTING MEETING/HEARING ATTENDANCE										10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
1.8	35% SUBMITTAL; PRELIMINARY DESIGN AND TYPE SELECTION:										1				
	PRELIMINARY STRATEGY REPORT 35% PRELIMINARY PLANS							100 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
Phase II	FINAL DESIGN														
	UNCHECKED DESIGN SUBMITTALS (65% PS&E) 65% COMPLETE PLANS										10 10 10 10 10 10 10 10 10 10 10 10 10 1				
2.1.2	65% COMPLETE SPECIFICATIONS										1				
	65% CONSTRUCTION COST ESTIMATE MEMORANDUM RESPONSE TO COMMENTS									1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
	75% PLANS AND ESTIMATE **NEW AMEND NO. 3 TASK									1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
2.2 <b>2.2.1.1</b>	CHECKED DESIGN SUBMITTAL (95% PS&E)  95% COMPLETE PLANS									4				4	\$360
2.2.2.1	95% COMPLETE SPECIFICATIONS									2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			2	\$180
<b>2.2.3.1</b> 2.2.4.1	95% CONSTRUCTION COST ESTIMATE  QA REVIEW	**************************************								2	10 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			2	\$180
2.2.5.1	MEMORANDUM RESPONSE TO COMMENTS				2			00000000000000000000000000000000000000		2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0			4	\$550
2.3 <b>2.3.1</b>	FINAL DESIGN SUBMITTAL (100% PS&E)  100% FINAL PLANS									100	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
2.3.2	MEMORANDUM RESPONSE TO COMMENTS	*********						**************************************		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1				
	BID DOCUMENTS BIDDING PERIOD SERVICES							100 100 100 100 100 100 100 100 100 100		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2				
Phase III	CONSTRUCTION														
	CONSTRUCTION SUPPORT AS-BUILT PLANS														
	SUPPLEMENTAL TASKS														
4.1 4.2	PUBLIC OUTREACH MEETING  BIOLOGY TASKS														
	Predesign										1				
	NMFS Design Phase Pre-Permit Application Costs									100000000000000000000000000000000000000	The state of the s				
	SPECIAL-STATUS PLANT SURVEYS									1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7				
4.2.2 4.2.3	CRLF SITE ASSESSMENT AND FIELD SURVEYS SITE ASSESSMENT BAT DETECTION SURVEYS							**************************************			10 d				
4.2.4	HMMP	*********						**************************************		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
4.2.5	ALTERNATIVES ANALYSIS									1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
	Total Hours				8					18	# # # # # # # # # # # # # # # # # # #			26	\$3,100
	Loaded Billing Rate Cos		260.00		185.00 1,480		175.00	115.00		90.00	85.00		75.00	26	\$3,100
	% of Total Hours by Classification	********			31%					69%	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8			100%	
Notes:													ODCs Travel/Pe		
													Office Misc	c/Repro	)
													Total ODC	)s	
													Grand To	otal	\$3,1
				_			_			_					

TRC ENGINEER	RS, INC.								
<b>EXPENSES ESTIMA</b>	TE WORKSHEET								
<b>County of Monterey</b>									
Robinson Road Brid	lge Scour Repair								
Amendment No. 4, F	IMMP, AA, and Permit								
Travel									
From	Rancho Cordova								
То	Salinas								
# of people	1	# . f . ! . l . t	_						
# of days	1	# of nights	3	0					
# of trips	1								
	Rate		#			#			
Airfare (round trips)	rate	X		trips	Х	#	people	= [	\$0.00
Mileage	\$0.545	X	360	miles (RT)	X	1	trips	_	\$196.20
Lodging	+	Х		nights	X		people	=	\$0.00
Per Diem	\$47.00	Х	1	days	X	1	people	= [	\$47.00
Car rental	\$38.00	Х	1	days	X		people	= [	\$38.00
Miscellaneous Travel		Χ		units	X		units	= _	\$0.00
								_	
Total Travel									\$281.20
ODCIa									
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
Table								_	<b>0.405.45</b>
Total ODC's									\$125.45
Total Travel and OD	C's								\$406.65
Total Haver and OD									ψ-100.00