

**COUNTY OF MONTEREY AGREEMENT FOR PROFESSIONAL SERVICES  
WITH SURVEYORS, ARCHITECTS, ENGINEERS & DESIGN PROFESSIONALS  
(MORE THAN \$100,000)\***

This Professional Services Agreement ("Agreement") is made by and between the County of Monterey, a political subdivision of the State of California (hereinafter "County") and:  
TRC Engineers, Inc.  
(hereinafter "CONTRACTOR").

In consideration of the mutual covenants and conditions set forth in this Agreement, the parties agree as follows:

1. **SERVICES TO BE PROVIDED.** The County hereby engages CONTRACTOR to perform, and CONTRACTOR hereby agrees to perform, the services described in **Exhibit A** in conformity with the terms of this Agreement. The services are generally described as follows:  
Provide bridge design services for the Hartnell Road Bridge Replacement, County Bridge No. 209

2. **PAYMENTS BY COUNTY.** County shall pay the CONTRACTOR in accordance with the payment provisions set forth in **Exhibit A**, 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 \$ 554,470.00.

3. **TERM OF AGREEMENT.** The term of this Agreement is from April 7, 2015 to April 7, 2018, unless sooner terminated pursuant to the terms of this Agreement. This Agreement is of no force or effect until signed by both CONTRACTOR and County and with County signing last, and CONTRACTOR may not commence work before County signs this Agreement.

4. **ADDITIONAL PROVISIONS/EXHIBITS.** The following attached exhibits are incorporated herein by reference and constitute a part of this Agreement:

- Exhibit A Scope of Services/Payment Provisions
- Exhibit B Federal Provisions
- Exhibit C Incorporation of Request for Qualifications (RFQ) #10490 and Statement of Qualifications Documents

5. **PERFORMANCE STANDARDS.**

5.01. CONTRACTOR warrants that CONTRACTOR and CONTRACTOR's agents, employees, and subcontractors performing services under this Agreement are specially trained, experienced, competent, and appropriately licensed to perform the work and deliver the services required under this Agreement and are not employees of the County, or immediate family of an employee of the County.

5.02. CONTRACTOR, its agents, employees, and subcontractors shall perform all work in a safe and skillful manner and in compliance with all applicable laws and regulations. All work performed under this Agreement that is required by law to be performed or supervised by licensed personnel shall be performed in accordance with such licensing requirements.

\*Approved by County Board of Supervisors on \_\_\_\_\_.

5.03. CONTRACTOR shall furnish, at its own expense, all materials, equipment, and personnel necessary to carry out the terms of this Agreement, except as otherwise specified in this Agreement. CONTRACTOR shall not use County premises, property (including equipment, instruments, or supplies) or personnel for any purpose other than in the performance of its obligations under this Agreement.

**6. PAYMENT CONDITIONS.**

6.01. CONTRACTOR shall submit to the Contract Administrator an invoice on a form acceptable to County. If not otherwise specified, the CONTRACTOR may submit such invoice periodically or at the completion of services, but in any event, not later than 30 days after completion of services. The invoice shall set forth the amounts claimed by CONTRACTOR for the previous period, together with an itemized basis for the amounts claimed, and such other information pertinent to the invoice as the County may require. The Contract Administrator or his or her designee shall certify the invoice; either in the requested amount or in such other amount as the County approves in conformity with this Agreement, and shall promptly submit such invoice to the County Auditor-Controller for payment. The County Auditor-Controller shall pay the amount certified within 30 days of receiving the certified invoice.

6.02. CONTRACTOR shall not receive reimbursement for travel expenses unless set forth in this Agreement.

**7. TERMINATION.**

7.01. During the term of this Agreement, the County may terminate the Agreement for any reason by giving written notice of termination to the CONTRACTOR at least thirty (30) days prior to the effective date of termination. Such notice shall set forth the effective date of termination. In the event of such termination, the amount payable under this Agreement shall be reduced in proportion to the services provided prior to the date of termination.

7.02. The County may cancel and terminate this Agreement for good cause effective immediately upon written notice to CONTRACTOR. "Good cause" includes the failure of CONTRACTOR to perform the required services at the time and in the manner provided under this Agreement. If County terminates this Agreement for good cause, the County may be relieved of the payment of any consideration to CONTRACTOR, and the County may proceed with the work in any manner, which County deems proper. The cost to the County shall be deducted from any sum due the CONTRACTOR under this Agreement.

**8. INDEMNIFICATION.**

8.01 For purposes of the following indemnification provisions ("Indemnification Agreement"), "design professional" has the same meaning as set forth in California Civil Code section 2782.8. If any term, provision or application of this Indemnification Agreement is found to be invalid, in violation of public policy or unenforceable to any extent, such finding shall not invalidate any other term or provision of this Indemnification Agreement and such other terms and provisions shall continue in full force and effect. If there is any conflict between the terms, provisions or application of this Indemnification Agreement and the provisions of California Civil Code Sections 2782 or 2782.8, the broadest indemnity protection for the COUNTY under this Indemnity Agreement that is permitted by law shall be provided by CONTRACTOR.

8.02 Indemnification for Design Professional Services Claims:

CONTRACTOR shall indemnify, defend and hold harmless COUNTY, its governing board, directors, officers, employees, and agents against any claims that arise out of, or pertain to, or relate to the negligence, recklessness, or willful misconduct of the CONTRACTOR, its employees, subcontractors, and agents in the performance of design professional services under this Agreement, excepting only liability arising from the sole negligence, active negligence or willful misconduct of the COUNTY, or defect in a design furnished by the COUNTY.

8.03 Indemnification for All Other Claims or Loss:

For any claim, loss, injury, damage, expense or liability other than claims arising out of the CONTRACTOR's performance of design professional services under this Agreement, CONTRACTOR shall indemnify, defend and hold harmless COUNTY, its governing board, directors, officers, employees, and agents against any claim for loss, injury, damage, expense or liability resulting from or alleging injury to or death of any person or loss of use of or damage to property, arising from or related to the performance of services under this Agreement by CONTRACTOR, its employees, subcontractors or agents, excepting only liability arising from the sole negligence, active negligence or willful misconduct of the COUNTY; or defect in a design furnished by the COUNTY.

9.0 INSURANCE.

9.01 Evidence of Coverage:

Prior to commencement of this Agreement, the Contractor shall provide a "Certificate of Insurance" certifying that coverage as required herein has been obtained. Individual endorsements executed by the insurance carrier shall accompany the certificate. In addition the Contractor upon request shall provide a certified copy of the policy or policies.

This verification of coverage shall be sent to the County's, Contracts/Purchasing Department, unless otherwise directed. The Contractor shall not receive a "Notice to Proceed" with the work under this Agreement until it has obtained all insurance required and such, insurance has been approved by the County. This approval of insurance shall neither relieve nor decrease the liability of the Contractor.

9.02 Qualifying Insurers:

All coverage's, except surety, shall be issued by companies which hold a current policy holder's alphabetic and financial size category rating of not less than A- VII, according to the current Best's Key Rating Guide or a company of equal financial stability that is approved by the County's Purchasing Manager.

9.03 Insurance Coverage Requirements: Without limiting CONTRACTOR's duty to indemnify, CONTRACTOR shall maintain in effect throughout the term of this Agreement a policy or policies of insurance with the following minimum limits of liability:

Commercial general liability insurance, including but not limited to premises and operations, including coverage for Bodily Injury and Property Damage, Personal Injury, Contractual Liability, Broadform Property Damage, Independent Contractors, Products and Completed Operations, with a combined single limit for Bodily Injury and Property Damage of not less than \$1,000,000 per occurrence.

Modification (Justification attached; subject to approval).

Business automobile liability insurance, covering all motor vehicles, including owned, leased, non-owned, and hired vehicles, used in providing services under this Agreement, with a combined single limit for Bodily Injury and Property Damage of not less than \$1,000,000 per occurrence.

Modification (Justification attached; subject to approval).

Workers' Compensation Insurance, if CONTRACTOR employs others in the performance of this Agreement, in accordance with California Labor Code section 3700 and with Employer's Liability limits not less than \$1,000,000 each person, \$1,000,000 each accident and \$1,000,000 each disease.

Modification (Justification attached; subject to approval).

Professional liability insurance, if required for the professional services being provided, (e.g., those persons authorized by a license to engage in a business or profession regulated by the California Business and Professions Code), in the amount of not less than \$1,000,000 per claim and \$2,000,000 in the aggregate, to cover liability for malpractice or errors or omissions made in the course of rendering professional services. If professional liability insurance is written on a "claims-made" basis rather than an occurrence basis, the CONTRACTOR shall, upon the expiration or earlier termination of this Agreement, obtain extended reporting coverage ("tail coverage") with the same liability limits. Any such tail coverage shall continue for at least three years following the expiration or earlier termination of this Agreement.

Modification (Justification attached; subject to approval).

#### 9.04 Other Insurance Requirements

All insurance required by this Agreement shall be with a company acceptable to the County and issued and executed by an admitted insurer authorized to transact Insurance business in the State of California. Unless otherwise specified by this Agreement, all such insurance shall be written on an occurrence basis, or, if the policy is not written on an occurrence basis, such policy with the coverage required herein shall continue in effect for a period of three years following the date CONTRACTOR completes its performance of services under this Agreement.

Each liability policy shall provide that the County shall be given notice in writing at least thirty days in advance of any endorsed reduction in coverage or limit, cancellation, or intended non-renewal thereof. Each policy shall provide coverage for Contractor and additional insureds with respect to claims arising from each subcontractor, if any, performing work under this Agreement, or be accompanied by a certificate of insurance from each subcontractor showing each subcontractor has identical insurance coverage to the above requirements.

Commercial general liability and automobile liability policies shall provide an endorsement naming the County of Monterey, its officers, agents, and employees as Additional Insureds with respect to liability arising out of the CONTRACTOR'S work, including ongoing and completed



operations, and shall further provide that such insurance is primary insurance to any insurance or self-insurance maintained by the County and that the insurance of the Additional Insureds shall not be called upon to contribute to a loss covered by the CONTRACTOR'S insurance. The required endorsement form for Commercial General Liability Additional Insured is ISO Form CG 20 10 11-85 or CG 20 10 10 01 in tandem with CG 20 37 10 01 (2000). The required endorsement form for Automobile Additional Insured endorsement is ISO Form CA 20 48 02 99.

Prior to the execution of this Agreement by the County, CONTRACTOR shall file certificates of insurance with the County's contract administrator and County's Contracts/Purchasing Division, showing that the CONTRACTOR has in effect the insurance required by this Agreement. The CONTRACTOR shall file a new or amended certificate of insurance within five calendar days after any change is made in any insurance policy, which would alter the information on the certificate then on file. Acceptance or approval of insurance shall in no way modify or change the indemnification clause in this Agreement, which shall continue in full force and effect.

CONTRACTOR shall at all times during the term of this Agreement maintain in force the insurance coverage required under this Agreement and shall send, without demand by County, annual certificates to County's Contract Administrator and County's Contracts/Purchasing Division. If the certificate is not received by the expiration date, County shall notify CONTRACTOR and CONTRACTOR shall have five calendar days to send in the certificate, evidencing no lapse in coverage during the interim. Failure by CONTRACTOR to maintain such insurance is a default of this Agreement, which entitles County, at its sole discretion, to terminate this Agreement immediately.

## 10. RECORDS AND CONFIDENTIALITY.

- 10.01 Confidentiality. CONTRACTOR and its officers, employees, agents, and subcontractors shall comply with any and all federal, state, and local laws, which provide for the confidentiality of records and other information. CONTRACTOR shall not disclose any confidential records or other confidential information received from the County or prepared in connection with the performance of this Agreement, unless County specifically permits CONTRACTOR to disclose such records or information. CONTRACTOR shall promptly transmit to County any and all requests for disclosure of any such confidential records or information. CONTRACTOR shall not use any confidential information gained by CONTRACTOR in the performance of this Agreement except for the sole purpose of carrying out CONTRACTOR's obligations under this Agreement.
- 10.02 County Records. When this Agreement expires or terminates, CONTRACTOR shall return to County any County records which CONTRACTOR used or received from County to perform services under this Agreement.
- 10.03 Maintenance of Records. CONTRACTOR shall prepare, maintain, and preserve all reports and records that may be required by federal, state, and County rules and regulations related to services performed under this Agreement. CONTRACTOR shall maintain such records for a period of at least three years after receipt of final payment under this Agreement. If any litigation, claim, negotiation, audit exception, or other action relating to this Agreement is pending at the end of the three year period, then CONTRACTOR shall retain said records until such action is resolved.

10.04 Access to and Audit of Records. The County shall have the right to examine, monitor and audit all records, documents, conditions, and activities of the CONTRACTOR and its subcontractors related to services provided under this Agreement. Pursuant to Government Code section 8546.7, if this Agreement involves the expenditure of public funds in excess of \$10,000, the parties to this Agreement may be subject, at the request of the County or as part of any audit of the County, to the examination and audit of the State Auditor pertaining to matters connected with the performance of this Agreement for a period of three years after final payment under the Agreement.

10.05 Royalties and Inventions. County shall have a royalty-free, exclusive and irrevocable license to reproduce, publish, and use, and authorize others to do so, all original computer programs, writings, sound recordings, pictorial reproductions, drawings, and other works of similar nature produced in the course of or under this Agreement. CONTRACTOR shall not publish any such material without the prior written approval of County.

11. **NON-DISCRIMINATION.** During the performance of this Agreement, CONTRACTOR, and its subcontractors, shall not unlawfully discriminate against any person because of race, religious creed, color, sex, national origin, ancestry, physical disability, mental disability, medical condition, marital status, age (over 40), or sexual orientation, either in CONTRACTOR's employment practices or in the furnishing of services to recipients. CONTRACTOR shall ensure that the evaluation and treatment of its employees and applicants for employment and all persons receiving and requesting services are free of such discrimination. CONTRACTOR and any subcontractor shall, in the performance of this Agreement, fully comply with all federal, state, and local laws and regulations, which prohibit discrimination. The provision of services primarily or exclusively to such target population as may be designated in this Agreement shall not be deemed to be prohibited discrimination.

12. **COMPLIANCE WITH TERMS OF STATE OR FEDERAL GRANT.** If this Agreement has been or will be funded with monies received by the County pursuant to a contract with the state or federal government in which the County is the grantee, CONTRACTOR will comply with all the provisions of said contract, to the extent applicable to CONTRACTOR as a subgrantee under said contract, and said provisions shall be deemed a part of this Agreement, as though fully set forth herein. Upon request, County will deliver a copy of said contract to CONTRACTOR, at no cost to CONTRACTOR.

13. **INDEPENDENT CONTRACTOR.** In the performance of work, duties, and obligations under this Agreement, CONTRACTOR is at all times acting and performing as an independent contractor and not as an employee of the County. No offer or obligation of permanent employment with the County or particular County department or agency is intended in any manner, and CONTRACTOR shall not become entitled by virtue of this Agreement to receive from County any form of employee benefits including but not limited to sick leave, vacation, retirement benefits, workers' compensation coverage, insurance or disability benefits. CONTRACTOR shall be solely liable for and obligated to pay directly all applicable taxes, including federal and state income taxes and social security, arising out of CONTRACTOR's performance of this Agreement. In connection therewith, CONTRACTOR shall defend, indemnify, and hold County harmless from any and all liability, which County may incur because of CONTRACTOR's failure to pay such taxes.

14. **NOTICES.** Notices required under this Agreement shall be delivered personally or by first-class, postage pre-paid mail to the County and CONTRACTOR'S contract administrators at the addresses listed below:

FOR COUNTY:	FOR CONTRACTOR:
Dalia Mariscal-Martinez, Management Analyst II	Mark A. Imbriani, Vice President
Name and Title	Name and Title
County of Monterey, Resource Management Agency 168 West Alisal Street, 2nd Floor Salinas, CA 93901	TRC Engineers, Inc. 10680 White Rock Road, Suite 100 Rancho Cordova, CA 95670
Address	Address
(831) 755-8966	(916) 366-0632
Phone	Phone

15. **MISCELLANEOUS PROVISIONS.**

- 15.01 Conflict of Interest. CONTRACTOR represents that it presently has no interest and agrees not to acquire any interest during the term of this Agreement, which would directly or indirectly conflict in any manner or to any degree with the full and complete performance of the professional services required to be rendered under this Agreement.
- 15.02 Amendment. This Agreement may be amended or modified only by an instrument in writing signed by the County and the CONTRACTOR.
- 15.03 Waiver. Any waiver of any terms and conditions of this Agreement must be in writing and signed by the County and the CONTRACTOR. A waiver of any of the terms and conditions of this Agreement shall not be construed as a waiver of any other terms or conditions in this Agreement.
- 15.04 Contractor. The term "CONTRACTOR" as used in this Agreement includes CONTRACTOR'S officers, agents, and employees acting on CONTRACTOR'S behalf in the performance of this Agreement.
- 15.05 Disputes. CONTRACTOR shall continue to perform under this Agreement during any dispute.
- 15.06 Assignment and Subcontracting. The CONTRACTOR shall not assign, sell, or otherwise transfer its interest or obligations in this Agreement without the prior written consent of the County. None of the services covered by this Agreement shall be subcontracted without the prior written approval of the County. Notwithstanding any such subcontract, CONTRACTOR shall continue to be liable for the performance of all requirements of this Agreement.
- 15.07 Successors and Assigns. This Agreement and the rights, privileges, duties, and obligations of the County and CONTRACTOR under this Agreement, to the extent assignable or delegable, shall be binding upon and inure to the benefit of the parties and their respective successors, permitted assigns, and heirs.

- 15.08 Compliance with Applicable Law. The parties shall comply with all applicable federal, state, and local laws and regulations in performing this Agreement.
- 15.09 Headings. The headings are for convenience only and shall not be used to interpret the terms of this Agreement.
- 15.10 Time is of the Essence. Time is of the essence in each and all of the provisions of this Agreement.
- 15.11 Governing Law. This Agreement shall be governed by and interpreted under the laws of the State of California.
- 15.12 Non-exclusive Agreement. This Agreement is non-exclusive and both County and CONTRACTOR expressly reserve the right to contract with other entities for the same or similar services.
- 15.13 Construction of Agreement. The County and CONTRACTOR agree that each party has fully participated in the review and revision of this Agreement and that any rule of construction to the effect that ambiguities are to be resolved against the drafting party shall not apply in the interpretation of this Agreement or any amendment to this Agreement.
- 15.14 Counterparts. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same Agreement.
- 15.15 Authority. Any individual executing this Agreement on behalf of the County or the CONTRACTOR represents and warrants hereby that he or she has the requisite authority to enter into this Agreement on behalf of such party and bind the party to the terms and conditions of this Agreement.
- 15.16 Integration. This Agreement, including the exhibits, represent the entire Agreement between the County and the CONTRACTOR with respect to the subject matter of this Agreement and shall supersede all prior negotiations, representations, or agreements, either written or oral, between the County and the CONTRACTOR as of the effective date of this Agreement, which is the date that the County signs the Agreement.
- 15.17 Interpretation of Conflicting Provisions. In the event of any conflict or inconsistency between the provisions of this Agreement and the Provisions of any exhibit or other attachment to this Agreement, the provisions of this Agreement shall prevail and control.

**This space is left blank, intentionally.**

IN WITNESS WHEREOF, County and CONTRACTOR have executed this Agreement as of the day and year written below.

**COUNTY OF MONTEREY**

**CONTRACTOR**

By: \_\_\_\_\_  
Purchasing Officer

Date: \_\_\_\_\_

By: \_\_\_\_\_  
Department Head (if applicable)

Date: \_\_\_\_\_

By: \_\_\_\_\_  
Board of Supervisors (if applicable)

Date: \_\_\_\_\_

Approved as to Form<sup>1</sup>

By: Cynthia L. Oboza  
Deputy County Counsel

Date: 3-20-15

Approved as to Fiscal Provisions<sup>2</sup>

By: [Signature]  
Auditor/Controller

Date: 3-20-15

Approved as to Liability Provisions<sup>3</sup>

By: \_\_\_\_\_  
Risk Management

Date: \_\_\_\_\_

TRC Engineers, Inc.

Contractor's Business Name\*

By: [Signature]  
(Signature of Chair, President, or Vice-President)\*

Mark Imbrioni, Vice President  
Name and Title

Date: 3/17/15

By: [Signature]  
(Signature of Secretary, Asst. Secretary, CFO, Treasurer or Asst. Treasurer)\*

James Baker, Asst Secretary  
Name and Title

Date: 3/18/15

County Board of Supervisors' Agreement Number: \_\_\_\_\_

\*INSTRUCTIONS: If CONTRACTOR is a corporation, including limited liability and non-profit corporations, the full legal name of the corporation shall be set forth above together with the signatures of two specified officers. If CONTRACTOR is a partnership, the 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.

<sup>1</sup>Approval by County Counsel is required for all Professional Service Agreements over \$100,000

<sup>2</sup>Approval by Auditor/Controller is required for all Professional Service Agreements

<sup>3</sup>Approval by Risk Management is required only if changes are made in paragraph 8 or 9

## **EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS**

**To Professional Services Agreement by and between  
County of Monterey, Resource Management Agency – Public Works,  
hereinafter referred to as “COUNTY”  
and  
TRC Engineers, Inc., hereinafter referred to as “CONTRACTOR”  
for the  
Hartnell Road Bridge Replacement, County Bridge No. 209,  
hereinafter referred to as “Project”**

The Project will result in the replacement of the Hartnell Road Bridge at Alisal Creek. The existing 23-foot wide single-span bridge will be replaced with a two-lane (24') single-span bridge, with two (2) 4-foot shoulders, a clear width of 32 feet. The Project will include required approach roadway improvements (up to forty (40) feet wide) and creek realignment. The CONTRACTOR's Scope of Services for the Project consists 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**

Project Management includes the supervision and scheduling of Project staff, review of work prepared by CONTRACTOR and sub-consultants, Project coordination, client liaison and the monitoring of the schedule and the budget. Also included in this task is the preparation of Project reports and attendance at meetings with COUNTY staff to receive input and discuss and review the Project during its critical design periods.

#### **0.2 PROJECT INITIATION**

Upon receipt of notice to proceed, a Project kick-off meeting will be held to finalize the Project scope, the approach, the goals and the schedule. Items to be addressed include a review of the key issues associated with the Project, a description and clarification of the approach required to respond to these issues, a discussion of potential COUNTY, State and Federal and other permits which may be required for the Project and the verification of the Project milestone dates. CONTRACTOR will provide the COUNTY with a detailed design schedule based on information from the Project kick-off meeting.

#### **0.3 COORDINATION MEETINGS**

The CONTRACTOR will attend coordination meetings and design review meetings with COUNTY staff to facilitate comprehensive input from the COUNTY during the critical design periods. Coordination meetings are anticipated to occur prior to the 35%, 65%, 95% milestones, up to four (4) meetings are included in this scope.

#### **0.4 DESIGN REVIEW MEETINGS**

The CONTRACTOR will attend design review meetings with COUNTY staff which will be scheduled to coincide with the completion of the preliminary design, and final design phases.

## EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS

### 0.5 CALTRANS LOCAL ASSISTANCE COORDINATION

The CONTRACTOR will support COUNTY staff in the preparation of Project documentation as required by the Local Assistance Engineer for compliance with the Federal funding requirements. This task includes preparation of exhibits and forms outlined in the Local Assistance Procedures Manual for each Project phase; this will include assisting the COUNTY with Request for Authorization for future phases (Right-of-Way and Construction) and one (1) round of Exhibit 6D programming updates.

### DELIVERABLES

- Kick-off Meeting, Agenda and Meeting Minutes
- Coordination Meetings, Agendas and Meeting Minutes (four (4) meetings)
- Design Review Meetings, Agendas and Meeting Minutes (two (2) meetings)

## PHASE I: PRELIMINARY ENGINEERING AND REPORTS

### 1.1 DATA COLLECTION

The COUNTY will research records and provide the CONTRACTOR with copies of pertinent documents, including any available record plans, street plans, utility plans or proposed improvements for review and incorporation into the Project documents. The COUNTY will also provide available traffic data for the bridge.

### 1.2 GEOTECHNICAL INVESTIGATION

CONTRACTOR will prepare a geotechnical investigation report required for the bridge foundation work for the Project. It is assumed that a Geotechnical Design and Materials Report will not be required since the majority of the work will relate to the bridge foundations and the roadway work will only include new approaches.

#### 1.2.1 RESEARCH AND DATA COLLECTION

Review of readily available geologic and soil literature in the vicinity of the site including review of any as-built drawings and existing Log of Test Borings (LOTB), if any.

Permits/Underground Service Alert (USA) Clearances: Perform a site reconnaissance to review Project limitations and mark the boring locations for utility clearance. Notify USA at least forty-eight (48) hours prior to field work as required by law.

#### 1.2.2 FIELD EXPLORATION

Two (2) exploratory borings are proposed for the Project with an approximate boring depth of eighty (80) feet below grade for the Project. One (1) boring is planned at each abutment. Bulk samples will also be collected for pavement design of the approaches that may extend to 400' on each side. The boring locations will depend upon the available access and overhead utility limitations. At this time, only one (1) boring appears to be feasible in the travel lane and one (1) boring can be in the shoulder area and therefore will require traffic lane closure for one (1) day. CONTRACTOR anticipates using a truck mounted drill rig.

## **EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS**

Classify and continuously log subsurface soil conditions encountered in the test boring at the time of drilling. Obtain "relatively undisturbed" and bulk samples of substrata from test boring. The borings will be drilled and capped with cement grout. Drilling spoils will be disposed of in the field.

### **1.2.3 LABORATORY TESTING**

Perform laboratory tests on representative soil samples such as in-place moisture and density, unconfined compression, direct shear strength tests, gradation distribution, corrosion, Plasticity Index tests and R-Value tests.

### **1.2.4 SOILS ANALYSIS/EVALUATION**

Perform engineering analyses and develop design recommendations for the proposed foundations. It is anticipated that the foundation system will consist of deep piles, such as driven piles or Cast-in-Drilled-Hole (CIDH) system with a design load of forty-five (45) to seventy (70) tons. CONTRACTOR will also review other pile options that are compatible to the site conditions. Engineering analyses will also include earthquake design criteria, including foundation stiffness coefficients for modeling the bridge response to seismic forces, lateral earth pressures on abutment and wing walls, and settlement considerations due to fill. The report will follow basic Caltrans Load and Resistance Factor Design (LRFD) design guidelines.

### **1.2.5 PREPARE DRAFT FOUNDATION REPORT**

Prepare preliminary recommendations for foundations. A Foundation Type Selection Letter will be provided to assist structure type selection. CONTRACTOR will attend a Bridge Type Selection Meeting, if required.

### **1.2.6 PREPARE FINAL FOUNDATION REPORT**

Prepare detail report including Project Description, discussion of field and lab testing programs, comments on regional geology, site engineering seismology (liquefaction potential and seismically induced settlement), peak ground acceleration and Acceleration Response Spectra (ARS) design curve per Caltrans Seismic Design Criteria (SDC) (v. 1.7) and ARS Online, deep foundation and pile tip elevations, discussion on constructability consideration of different pile foundations (caving potential, hard driving, etc.), recommendations of lateral earth pressures (active and at-rest), and comments on corrosion potential.

Discuss seismic considerations, evaluate the liquefaction potential and comment on the site soil conditions from this standpoint. The seismic design criteria will be based on Caltrans 2010 SDC considering both deterministic and probabilistic approaches.

The LOTB sheet(s) to be included in the contract drawings in accordance with Caltrans Foundation Report preparation guidelines.

## **DELIVERABLES**

- Draft Foundation Report (Draft PDF and three (3) copies)
- Final Foundation Report (Final PDF and three (3) copies)
- LOTB Plan Sheets (PDF and three (3) copies)



## EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS

### 1.3 FIELD SURVEYS AND BASE MAP TOPOGRAPHY

CONTRACTOR will prepare an updated field survey and topographic base map.

CONTRACTOR will provide topographic base mapping in AutoCAD format for use in the Project drawings. Base mapping will include but not limited to all visible features including the bridge site, adjacent approach roadways and the entire length of the COUNTY identified temporary low water crossing site and approach. Data collected will include but will not be limited to visible surface features, one (1) foot grade contours, edge of pavement, lane striping, tree and shrub canopies, fence lines, barriers, guard railing, manholes, pipe inverts, outfalls, top of bank, bottom of bank, waterline, creek center line, creek flow line, wing walls, pier walls, bridge abutments, upstream and downstream cross sections, roadway sections, all visible utility facilities and visible manmade features. The completed Base Map Topography will include an AutoCAD digital terrain model and surface. All features will be separated by layer and labeled for ease of use.

CONTRACTOR will provide land surveying and aerial mapping services for the Project. Survey data and base maps will be provided with design level accuracy for use in the final design of the Project. Utilizing both ground and aerial survey methods, base mapping will be provided in AutoCAD format, at a full size drawing scale of 1" = 40'. Mapping will include but will not be limited to visible surface features, one (1) foot grade contours, edge of pavement, lane striping, special status trees (oaks/pines) or landmark trees (>24" diameter at breast height (DBH)) within the Project area, tree canopy, shrub outlines, fence lines, barriers, guard railing, manholes, pipe inverts, outfalls, top of bank, bottom of bank, waterline, creek center line, creek flow line, wing walls, pier walls, bridge abutments, roadway sections, all visible utility facilities, and visible manmade features. For purposes of hydraulic modeling, a total of eight (8) cross sections will be obtained both upstream and downstream and within 1,000 feet of the existing bridge. Ground survey cross sections will be limited to obtaining data within the riparian corridor. Data outside the riparian corridor will utilize available 2010 Association of Monterey Bay Area Governments (AMBAG) Light Detection and Ranging (LIDAR) data. Mapping and control will be based on the California State Plane Coordinate System - Zone 4, NAD 83 and all vertical data provided will be based on the North American Vertical Datum 1988 (NAVD88). Limits of mapping will be coordinated between the CONTRACTOR and the COUNTY prior to commencement of work.

CONTRACTOR will establish and survey aerial control panel points suitable for the defined accuracy of the mapping within the defined corridors. Points will be semi-permanent and suitable for use as control for construction staking. Survey control information will be summarized in a Technical Memorandum as well as being shown on the map deliverables. CONTRACTOR will remove panel material except where painted on hardscape once aerial survey is complete.

The COUNTY will secure permission from property owners to access their properties, conduct surveys and establish control points. CONTRACTOR will coordinate its activities with the COUNTY to secure permission for access. CONTRACTOR holds a Caltrans District 5, District wide encroachment permit and will coordinate with Caltrans as needed for access.

## EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS

**Figure 1: Mapping Limits and Sections**



### **DELIVERABLES**

- Updated Field Survey and Topographic Map (one (1) PDF, and three (3) hard copies)

#### **1.4 UTILITY MAP AND INVESTIGATION**

CONTRACTOR will work with the local utility companies to obtain available maps for the Project sites. COUNTY will submit a USA request to have Public utilities located prior to field survey. CONTRACTOR will coordinate with a subconsultant to provide the marking of underground utilities in the field near the proposed improvement locations, if necessary. Where the subconsultant deems potholes necessary, CONTRACTOR will coordinate the potholing of utilities (performed by a subconsultant) and surveying of the pothole locations. Subsurface utility locations and pothole information which have been identified by the subconsultant will be surveyed by CONTRACTOR and incorporated into the Base Map file deliverable.

CONTRACTOR will prepare and provide the COUNTY an updated utility location map in AutoCAD electronic format. All known utility features will be labeled and separated by layer for ease of use. Utility facilities that require removal, relocation, adjustment or installation will be identified within the Project limits by CONTRACTOR based upon this information.

For purposes of budgeting, CONTRACTOR has allocated for two (2) days of utility location services and one (1) day of potholing and field surveying to located markings.

## EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS

### DELIVERABLES

- Existing Utility Facility Base Map (one (1) PDF, and five (5) hard copies)

### 1.5 PRELIMINARY RIGHT-OF-WAY

CONTRACTOR will prepare an AutoCAD format drawing, illustrating existing Public right-of-way record, parcel lines, easements, and street centerlines for use in developing the Project drawings. The intent is to identify accurate requirements for property acquisition, dedication and/or utility easements and any temporary construction easements. CONTRACTOR will provide services for the preliminary right-of-way acquisition. This will include property line research, surveys and existing monumentation, and preparation of a proposed right-of-way information.

CONTRACTOR will research available record maps, available data, and obtain title reports as needed for the parcels adjoining the right-of-way for the Project area. Record boundary and right-of-way information will be compiled in AutoCAD and verified with field surveys locating existing monumentation. This data will be incorporated into the Base Map file deliverable.

CONTRACTOR will prepare a Right-of-Way Monumentation Map including record boundary information and found field monumentation for the right-of-way and adjacent parcels to the bridge right-of-way.

Once the design is prepared and parcels affected by the proposed design are identified, CONTRACTOR will prepare a preliminary Right-of-Way Acquisition/Construction Easement Plan, as required for the Project.

### DELIVERABLES

- Right-of-Way Acquisition/Construction Easement Plan (one (1) PDF, and three (3) hard copies)
- Right-of-Way Survey Monumentation Map (one (1) PDF, and three (3) hard copies)

### 1.6 HYDRAULICS REPORT

CONTRACTOR will prepare an updated Location Hydraulics Study and Bridge Hydraulics Study Report, completed to Caltrans' requirements. An updated Preliminary Report will be submitted with the 35% Design Submittal. The Final Report will be submitted with the 65% Design Submittal.

The hydraulics report update will include the following tasks:

- Investigate supplemental hydrology information from the County of Monterey Water Resources Agency (WRA), the United States Geological Survey (USGS), and the United States Army Corps of Engineers (USACE) for flow rate estimates.
- Field visit to evaluate current channel, bridge and watershed conditions.
- Update channel cross sections based on current channel conditions, using updated cross sections from updated Project surveys.
- Prepare revised preliminary hydraulics to establish design water surface elevations and flow velocities, for the bridge and low water crossing sites.
- Update estimates for long term scour, contraction scour and pier scour.

## **EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS**

- Prepare Revised Draft Bridge Hydraulics Study Report and Bridge Location Hydraulics Report.
- Respond to review comments and prepare Final Bridge Hydraulics Report.
- Provide hydraulic information for construction plans and permit data.
- Prepare details for velocity protection measures if necessary.

The hydrology and hydraulics task will also include coordination with the COUNTY and the County of Monterey WRA. The coordination will include review and analysis of Project impacts to floodways and floodplain in the context of Monterey County Codes and Ordinances.

### **DELIVERABLES**

- Location Hydraulics Study (Draft and Final, PDF and three (3) copies)
- Design Hydraulic Study (Draft and Final, PDF and three (3) copies)

### **1.7 ENVIRONMENTAL DOCUMENTS**

Based on information provided in the Request for Proposals (RFP) and accompanying Preliminary Environmental Studies (PES) forms provided by Caltrans, the following work program will be used to complete the technical studies and environmental documentation pursuant to the National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA) Regulations and Guidelines.

#### **1.7.1 PROJECT INITIATION AND PROJECT DESCRIPTION**

##### **1.7.1.1 KICK-OFF MEETING WITH PROJECT TEAM/FIELD REVIEW**

CONTRACTOR will attend one (1) on-site Project kick-off meeting with the COUNTY and Caltrans. The purpose of the meeting will be to conduct a general reconnaissance of the Project with the COUNTY, Caltrans and CONTRACTOR in order to reconfirm the information provided in the September 22, 2011 PES Form, assess existing environmental conditions, and discuss any potentially significant impacts associated with the Project.

##### **1.7.1.2 COORDINATION WITH RESPONSIBLE/COOPERATING AGENCIES AND OTHER STAKEHOLDERS**

CONTRACTOR will coordinate with the COUNTY and Caltrans, and other agencies as necessary, to complete the technical reports and environmental documentation and identify any necessary Federal, State or local permitting requirements associated with the Project.

##### **1.7.1.3 PROJECT DESCRIPTION**

CONTRACTOR will prepare a thorough Draft Project Description to be used in the technical reports and environmental document (ED). The Project Description will include details about the proposed Project including information on the purpose of the Project, the environmental setting, the maximum physical footprint of Project components, construction access and staging, and other essential details. CONTRACTOR will work closely with the COUNTY to ensure the Project Description provides a level of detail appropriate for the technical reports and the environmental documents. The Draft Project Description will be reviewed by the COUNTY and a final version deemed acceptable for the NEPA and CEQA documents will be prepared in response to COUNTY comments.

## EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS

### 1.7.2 PREPARATION OF DRAFT TECHNICAL STUDIES

CONTRACTOR will prepare the required technical reports for the Project, which will provide support for environmental documentation pursuant to both NEPA and CEQA. Based on the preliminary evaluation of the Project as described by Caltrans in the PES, it is anticipated that the appropriate NEPA document would be a Categorical Exclusion (CX) under Section 6004, 23 CFR 771.117 (d) (3). The CX would satisfy the Federal Highway Administration (FHWA) requirements for NEPA. It is anticipated that the appropriate CEQA document would be an Initial Study/Mitigated Negative Declaration (IS/MND). The Scope of Services and budget are based on two (2) rounds of COUNTY and Caltrans review of the draft technical studies. The first round of review is for major comments and the second round of review is for minor cleanup comments and assumes no new comments requiring substantial research and revisions. For each draft and final document, the following deliverables will be provided:

#### DELIVERABLES

- One (1) electronic copy in Microsoft (MS) Word,
- One (1) PDF, and
- Two (2) hard copies of the Draft and Final Technical Reports

If it is determined by the CONTRACTOR that more extensive environmental review is required, COUNTY and CONTRACTOR may negotiate an expanded Scope of Services and cost to be amended into this Agreement, if determine necessary by COUNTY.

#### 1.7.2.1 NATURAL ENVIRONMENT STUDY (NES)

CONTRACTOR will prepare a Natural Environment Study (Minimal Impact) (NES/MI) to evaluate the biological resources present or potentially occurring in the proposed Project area and determine Project effects to those resources. The key objective of the evaluation will be to identify any special-status plant or animal species, jurisdictional wetlands, or sensitive habitats that may be affected by the Project.

Based on a preliminary review of the California Natural Diversity Database (CNDDB), and CONTRACTOR's recent work (2013-2014) conducting bird surveys along Alisal Creek just downstream of the Project area (as part of a Wildlife Hazard Assessment for the Salinas Airport) no State or Federally listed species are known to occur in the Project area. The Project area is not located within critical habitat for any listed species. Based on an initial site visit to the Project bridge location, the existing bridge structure does not appear to provide suitable day and/or night roost habitat for bats, but some native bird species use the riparian vegetation in the Project area for nesting.

#### *Research/Coordination*

CONTRACTOR will request a list of special-status species for the Project area from the United States Fish and Wildlife Service (USFWS) and will query the CNDDB and California Native Plant Society (CNPS) Online Database. As part of this process, CONTRACTOR will informally coordinate with the California Department of Fish and Wildlife (CDFW) and/or the USFWS, as necessary, regarding the potential presence of special-status species within or immediately adjacent to the Project area.

## EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS

### *Field Survey*

CONTRACTOR will conduct a general field survey to map plant communities, assess habitat conditions, and evaluate potential impacts to special-status biological resources resulting from the Project. During this survey, CONTRACTOR will inspect the existing bridge for any evidence of use by bats as well as swallows or other nesting birds. Trees required to be removed during construction will be identified and mapped.

This scope does not include special-status plant or focused wildlife surveys. The evaluation will focus on known species occurrences and an analysis of the existing habitat within the Project area to assess impacts to these resources.

### *Documentation*

The results of the field survey will be documented in an NES/MI prepared in accordance with the most recent Caltrans' Guidance. The NES/MI will include a discussion of plant communities present in the Project area, as well as a discussion of common plant and animal species occurring (or expected to occur) in the Project area based on the communities present. A generalized vegetation map will be prepared showing plant community types, as well as the locations of any sensitive biological resources identified.

The NES/MI will include an assessment of Project impacts on the biological and wetland resources present and recommend avoidance, minimization, and mitigation measures where appropriate.

### 1.7.2.2 JURISDICTIONAL DELINEATION (JD)

#### *Field Survey*

CONTRACTOR will conduct a wetland delineation of the Project area to determine any areas potentially subject to regulation by the USACE and/or the California Regional Water Quality Control Board (CRWQCB). The delineation will be conducted in accordance with the USACE Arid West Regional Supplement to the Wetland Delineation Manual (September 2008). Riparian areas within CDFW jurisdiction will also be delineated.

The fieldwork will be conducted concurrently with the general field survey as part of the NES/MI effort.

#### *Documentation*

The results of the delineation field work will be documented in a letter report that will include a discussion of methods and results, the completed wetland data forms, location and vicinity maps, and a preliminary delineation map showing the limits of all potential waters of the United States (US) and the CDFW jurisdictional areas within the Project area. The delineation report will be submitted to the USACE for verification with a request for a Preliminary Jurisdictional Determination in accordance with Regulatory Guidance Letter 08-02.

Note that all findings should be considered preliminary until verified by the USACE. For purposes of this scope, CONTRACTOR has assumed that the delineation will be verified as part of this scope, resulting in a verified delineation that can be submitted with the wetland permits applications.

## EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS

### 1.7.2.3 BIOLOGICAL ASSESSMENT (BA)

After initial review by Caltrans of the Project description and location, a determination was made that completion of a Natural Environment Study-Minimal Impact (NESMI) is required rather than a BA for this Project. After CONTRACTOR's completion of the NESMI for the Project, the CONTRACTOR will submit the NESMI to Caltrans for final determination of the documentation required for the Project.

### 1.7.2.4 CULTURAL RESOURCES

CONTRACTOR will conduct cultural resource studies that are needed for the COUNTY and Caltrans to address requirements of Section 106 of the National Historic Preservation Act (NHPA), NEPA, CEQA, and the Caltrans 2014 First Amended *Programmatic Agreement Among The FHWA, the Advisory Council on Historic Preservation, the California State Historic Preservation Officer, and the California Department of Transportation Regarding Compliance With Section 106 of the NHPA, as it Pertains to the Administration of the Federal-Aid Highway Program in California*.

The Hartnell Road Bridge at Alisal Creek (No. 44C0110) is listed in the Caltrans Statewide Bridge Inventory as "Category 5," meaning that it is not eligible for listing in the National Register of Historic Places. Therefore, it will not require any additional study or documentation prior to its replacement.

Based on a preliminary review of the Project area, it is not anticipated for there to be any built environment (i.e., architecture) issues related to potential construction effects. Therefore, no architectural study appears to be warranted.

CONTRACTOR will prepare an Area of Potential Effects (APE) map and conduct the following cultural resources identification tasks needed to prepare an Archaeological Survey Report (ASR) and Historic Property Survey Report.

#### *APE Map*

CONTRACTOR will prepare an APE map to Caltrans standards.

#### *Research and Field Investigation*

- A records search will be conducted at the Northwest Information Center of the California Office of Historic Preservation's California Historical Resources Information System. A literature review of archaeological, ethnographic, historical, and environmental publications and maps at historical archives and CONTRACTOR will be done. The records search and literature review will identify previously recorded or otherwise known cultural resources and previous cultural resource studies of or adjacent to the APE.
- A review of cultural resource inventories to identify cultural resources that may be listed within or adjacent to the APE. Relevant listings are the *California Inventory of Historic Resources*, *Five Views: An Ethnic Sites Survey for California*, *California Historical Landmarks*, *California Points of Historical Interest*, *National Historic Landmarks*, and the *Directory of Properties in the Historic Property Data File* which contains the listings of the National Register of Historic Places and the California Register of Historical Resources. If available, appropriate COUNTY listings will be reviewed.

## EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS

- CONTRACTOR will contact the Native American Heritage Commission in Sacramento for (1) a review of the Sacred Lands File to determine if the APE contains any listed sites, and (2) a list of Native American contacts who may have concerns about the APE. Local Native Americans on that list will be contacted by letter and follow-up telephone calls, as necessary, to inquire about any concerns or information they may have.
- CONTRACTOR will contact the Monterey County Historical Society for any information or concerns they may have about the APE.
- CONTRACTOR will conduct an archaeological field survey of the APE.

### ***Documentation***

- CONTRACTOR will prepare a Historic Property Survey Report (HPSR) and an ASR per Caltrans standards. A preliminary archaeological sensitivity assessment will be included in the ASR.

### **1.7.2.5 GEOLOGY**

CONTRACTOR will incorporate the geologic setting and geologic hazards analysis from the Foundation Report developed in Task 1.2, Geotechnical Investigation, into the draft technical studies for the ED.

### **1.7.2.6 HAZARDOUS MATERIALS**

The existing bridge will be demolished and has the potential to contain lead based paint and/or Asbestos-Containing Materials (ACM). CONTRACTOR will prepare an Initial Site Assessment (ISA), in accordance with American Society for Testing and Materials (ASTM) E1527-13. The ISA will include the results of the limited hazardous materials assessment, consisting of the collection and analysis of suspect ACM and/or lead based paint. The ISA will also include summary estimates of regulated and/or hazardous materials in order to prepare a Lead Compliance Plan (if necessary), and to provide quantity estimates of suspected ACM for National Emissions Standards for Hazardous Air Pollutants (NESHAPS) compliance with the local Air Pollution Control District.

The estimate includes a one (1) day site survey by a qualified environmental professional to perform the ISA and confirm the materials suspect of containing hazardous materials, and based on those findings collecting the representative samples for analysis.

The estimate does not include performing a Phase II ISA.

### **1.7.2.7 HYDROLOGY AND WATER QUALITY**

Construction activities may lead to water quality impacts. CONTRACTOR will prepare a Hydrology and Water Quality Memorandum that discuss watershed characteristics, groundwater hydrology, regulatory requirements, pollutants of concern, and receiving waters conditions, objectives, and beneficial uses. The Memorandum will describe how potential water quality impacts will be minimized, including engineering controls and Best Management Practices (BMPs) that will be implemented in a Storm Water Pollution Prevention Plan (SWPPP). Information about engineering controls, BMPs, disturbed soil area, and new impervious surface area will be provided by the CONTRACTOR and incorporated into the Memorandum. Any impacts identified in the Floodplain Studies will also be included.



## **EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS**

The Water Quality section of the NES will also address potential short term and long term impacts to water quality from construction and Project operation.

### **1.7.2.8 FLOODPLAIN EVALUATION REPORT**

The Project area has been identified as being within a base floodplain (100-year) elevation of a watercourse. A Location Hydraulics Study will be prepared by the CONTRACTOR. In addition, a Summary Floodplain Encroachment Report based on the Location Hydraulics Study will be completed by CONTRACTOR. The report formats will follow the Caltrans Standard Environmental Reference Chapter 17, Floodplains and Guidance (September 26, 2012). This scope presumes that the Project will not cause a significant floodplain encroachment as defined by 23 CFR 650.105 and is not inconsistent with existing watershed and floodplain management programs. This scope also presumes that the Location Hydraulics Study provided by the CONTRACTOR will contain the requisite information for each alternative as described in Chapter 17 of the Caltrans Standard Environmental Reference and in 23 CFR 650A, Section 650.111 (b) (c). The report will discuss potential impacts for each alternative and recommend mitigation measures related to floodplain encroachment, flood-related hazards, natural or beneficial floodplain values, access interruption, and the community floodplain development plan.

### **1.7.2.9 NOISE**

CONTRACTOR will prepare a technical noise memorandum consistent with the Caltrans Traffic Noise Analysis Protocol (May 2011) because the proposed Project is a Type III project. The technical memorandum will also evaluate construction noise impact in terms of maximum levels ( $L_{max}$ ) based on typical construction activities and the frequency of occurrence at adjacent noise-sensitive locations. Expected impacts associated with bridge replacement may include the following: pile driving, demolition, excavation, and bridge work. Analysis requirements will be based on the sensitivity of the area and the COUNTY's Noise Ordinance specifications. Additionally, the CONTRACTOR will confirm that avoidance, minimization and/or mitigation measures to address sensitive receptors in the Project area are consistent with avoidance, minimization and/or mitigation measures prescribed for other technical disciplines such as measures prescribed to address impacts to threatened and endangered species.

### **1.7.3 REVISE DRAFT DOCUMENTS BASED ON COUNTY AND CALTRANS COMMENTS**

After receiving comments on the Draft Technical Studies from the COUNTY (one (1) set of non-conflicting consolidated comments), CONTRACTOR will revise the Draft Technical Studies for review by Caltrans.

### **1.7.4 FINAL TECHNICAL STUDIES**

After receiving comments on the Draft Technical Studies from Caltrans (one (1) set of non-conflicting consolidated comments), CONTRACTOR will revise and prepare Final Technical Studies for Caltrans' signature.

## **EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS**

### **1.7.5 PREPARATION OF ADMINISTRATIVE DRAFT AND PUBLIC REVIEW DRAFT ENVIRONMENTAL DOCUMENTS**

#### **NEPA**

According to the PES forms provided as an Exhibit in the RFP, Caltrans has determined that to satisfy the FHWA for NEPA, a CX Determination with required technical studies, under 23 CFR 771.117 activity (d)(3), will be prepared. The PES form also states that Caltrans will prepare the CX with completed and approved environmental technical reports. Therefore, this scope assumes that Caltrans will prepare the NEPA CX supported by the technical documentation prepared by CONTRACTOR.

#### **CEQA**

It is anticipated that the appropriate level environmental documentation to be prepared for the Project would be an IS/MND under CEQA. Following approval of the draft technical reports, CONTRACTOR will prepare a comprehensive Administrative Draft IS/MND for review. Included in the IS/MND will be a Project Description, discussion of the environmental review process, and Project methodology. Technical studies prepared by CONTRACTOR will be summarized into the IS/MND document. Non-technical issue areas (e.g., land use, Public services and utilities, etc.) and issues anticipated to have no or minor environmental effects will also be documented in the IS/MND. Although an IS/MND has been scoped for this Project per the RFP, if the COUNTY, as the lead agency, determines, after the technical studies have been completed, that an IS/MND is not necessary and the Project could be covered under a CX under CEQA, CONTRACTOR will adjust its environmental services scope and budget accordingly.

#### **DELIVERABLES**

- One (1) electronic copy in MS Word, one (1) PDF, and two (2) hard copies of the Administrative Draft IS/MND

#### **1.7.5.1 CIRCULATE DRAFT ED FOR PUBLIC REVIEW**

After receiving comments on the Administrative Draft IS/MND (one (1) set of non-conflicting consolidated comments from the COUNTY), CONTRACTOR will revise the document and prepare the Draft ED for Public review.

CONTRACTOR will provide the preprint version of the Draft ED to the COUNTY prior to Public circulation of the document. The purpose of submitting this preprint version will be to allow the COUNTY to review the changes to the document, resolve any remaining questions, and verify that the COUNTY is satisfied with the overall Draft ED. After the COUNTY reviews and approves the document for printing, the Draft ED will be circulated for Public review.

CONTRACTOR will distribute up to thirty (30) hard copies and sixteen (16) CDs of the document to a distribution list for the Project provided by the COUNTY. CONTRACTOR will provide PDF files to the COUNTY for posting on the COUNTY's website if desired. CONTRACTOR will prepare a Draft Notice of Intent (NOI) and a Public Notice of Availability (NOA) for the Public review Draft ED for COUNTY review and signature. The COUNTY will be responsible for publication of the Public notice in a general circulation

## **EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS**

newspaper. In addition, CONTRACTOR will file a Notice of Completion (NOC) with the County Clerk and the State Clearinghouse (SCH) to begin the required Public review period.

### **DELIVERABLES**

- Thirty (30) hard copies and sixteen (16) CDs with PDF files of the Public review Draft ED (Fifteen (15) CDs for the SCH and one (1) CD for the COUNTY's use in posting on the COUNTY's website)
- Draft NOI, Public NOA, and NOC

### **1.7.5.2 RESPONSE TO COMMENTS BASED ON PUBLIC COMMENT**

Upon close of the Public review period, CONTRACTOR will review the Public and COUNTY comments on the Draft ED, and will coordinate with the COUNTY to strategize the preparation of the responses to comments. It is anticipated that the Public comments will not be extensive, and therefore, this scope and budget is based on responding to approximately twenty-five (25) comments on the Project. CONTRACTOR's budget estimate includes a level of effort accordingly, for this task. Should additional labor effort be needed to respond to comments on the Draft ED, CONTRACTOR will obtain authorization of additional budget from the COUNTY prior to any such expenditure.

CONTRACTOR will respond to the comments received on the Draft ED in coordination with the COUNTY, and will submit the draft responses to the COUNTY for review.

### **1.7.6 FINAL ED**

Following the COUNTY's review of the draft responses to comments, the Draft ED that was distributed for Public review will be revised as required to incorporate relevant comments/data received during the Public-review period. Revisions to the Draft ED will be identified in track changes/redline in the MS Word file to facilitate subsequent review. All comments received on the Draft ED during the Public-review period, as well as the responses to comments, will be included as an appendix to the Final ED.

CONTRACTOR will prepare a Mitigation Monitoring and Reporting Program (MMRP) in accordance with CEQA Guidelines Section 15097 for use in ensuring implementation of the mitigation measures for the Project. The Draft MMRP will be submitted to the COUNTY for review and comment, and the Final MMRP, along with the Final Responses to Comments and Final ED, will be provided to the COUNTY for approval.

Following COUNTY approval of the Final IS/MND, CONTRACTOR will prepare and file a Notice of Determination (NOD) with the County Clerk and SCH. If the environmental review indicates that the Project would not qualify for the CDFW fee exemption, the CONTRACTOR will provide a check for the fee to be submitted to the County Clerk with the NOD. The CONTRACTOR will be reimbursed by the COUNTY for the fee amount required by the CDFW.

### **DELIVERABLES**

- One (1) electronic copy in MS Word, one (1) PDF, and two (2) hard copies of the Draft Responses to Comments and associated changes to the ED
- One (1) electronic copy in MS Word, one (1) PDF, and two (2) hard copies of the Final Responses to Comments and associated changes to the ED

## **EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS**

- One (1) electronic copy in MS Word, one (1) PDF, and two (2) hard copies of the Draft MMRP
- One (1) electronic copy in MS Word, one (1) PDF, and two (2) hard copies of the Final MMRP

### **1.7.7 PERMITTING**

CONTRACTOR will identify required environmental permits for Project construction during development of the ED. A preliminary scope and budget have been provided for the permitting task.

Based on an initial site visit, it is anticipated that the Project will require the following permits: 1) Nationwide Permit from the USACE for Section 404 of the Clean Water Act (CWA), a Lake or Streambed Alteration Agreement for Section 1602 of the California Department of Fish and Game (CDFG) Code from the CDFW, and a Water Quality Certification for Section 401 of the CWA from the CRWQCB.

CONTRACTOR will consult with environmental regulatory agency representatives and prepare permit applications in signature ready format. Upon COUNTY signature, CONTRACTOR will submit permit applications to the respective agencies and coordinate with those agencies to ensure that the applications are complete, provide additional information if requested, discuss Project measures to avoid or minimize impacts and/or additional permit conditions recommended for permit approval. Should any conditions of the permit application change during agency review, the COUNTY would be responsible for agreeing to and finalizing these permit conditions.

To address potential impacts to listed species, CONTRACTOR will provide Federal consultation assistance. Federal consultation with the USFWS and the National Marine Fisheries Service (NMFS) will be initiated by Caltrans as assigned by FHWA as required based on the information provided in the Biological Assessment (BA). The procedure will be conducted pursuant to the requirements of Section 7 of the Federal Endangered Species Act (FESA). Caltrans will contact the USFWS to confirm the conclusions of the BA regarding the absence of potential habitat for, or avoidance of impact to, Federally Listed Species. If potential habitat for any Federally Listed Species is present, CONTRACTOR will request that Caltrans as assigned by FHWA enter into an informal consultation with the USFWS or NMFS and provide the supporting information, including avoidance measures and adherence to standard protocols and programmatic procedures, to assist the agencies in reaching a determination that any Federally Listed Species would not be adversely affected by the Project. The scope includes assistance with informal consultation and the preparation of a mitigation plan.

#### **1.7.7.1 SECTION 404 NATIONWIDE PERMIT**

CONTRACTOR will prepare a Nationwide Permit application for Section 404 of the CWA for the Project. At this time it is anticipated that the Project would have minimal impacts to wetlands and waters of the US and would likely be permitted under the Nationwide Permit Program. The extent of jurisdiction under the acts will be determined during a formal jurisdictional delineation of the Project area. If impacts to wetlands or waters of the US exceed the limits imposed under the Nationwide Permits, then an individual permit will be

## **EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS**

required. Preparation of an individual permit would be completed under a separate scope and budget.

It is expected that the following items will be required for a Nationwide Permit application:

- Verified delineation of jurisdictional waters for Section 404 of the CWA;
- Complete Project plans in plan view and cross-section that have been reduced to a size that can fit on an 8 ½" X 11" sheet (for inclusion in the USACE's Public Notice);
- NES that identifies endangered species issues related to the Project and the measures proposed to mitigate impacts to special status species;
- Cultural Resources Report. This scope assumes that a cultural resources study will be completed for the Project by CONTRACTOR. A copy of this study must accompany the USACE's permit application.

### **1.7.7.2 SECTION 1602 LAKE OR STREAMBED ALTERATION AGREEMENT**

CONTRACTOR will prepare a Lake or Streambed Alteration Agreement application for Section 1602 of the CDFG Code for the Project. The Agreement application will include a NOD showing CEQA compliance, Project plans for the location of each project element affecting a waterway, BA report (in the form of an NES) identifying the affected habitats, and a check in an amount to be determined by the extent of impact. The CONTRACTOR will be responsible for filing fees associated with the Lake or Streambed Alteration Agreement for the Project. The CONTRACTOR will be reimbursed by the COUNTY for the fee amount required by the permitting agency.

### **1.7.7.3 SECTION 401 WATER QUALITY CERTIFICATION**

CONTRACTOR will prepare a Water Quality Certification application for Section 401 of the CWA for the Project. The application will include a copy of the Section 1602 Streambed Alteration Agreement issued by the CDFW, a copy of the Nationwide Permit, a delineation of jurisdictional waters, a NOD showing CEQA compliance, and a check for the application fee. The COUNTY will be responsible for filing fees associated with the Water Quality Certification for the Project.

### **1.7.8 MEETING/HEARING ATTENDANCE**

CONTRACTOR will oversee all environmental staff working on the proposed Project and will be responsible for managing the day-to-day activities associated with the proposed Project. Day-to-day project management responsibilities include regular coordination with the CONTRACTOR, COUNTY and the Caltrans Local Assistance District Office, contract management, oversight of team members, schedule coordination, and development of products. CONTRACTOR will provide regular updates regarding the status of CONTRACTOR's work, scheduled deliverables, and the status of the overall budget.

The cost estimate assumes attendance at five (5) meetings including one (1) Project kick-off meeting, one (1) site visit/field review with the COUNTY and Caltrans District 5 Local Assistance, one (1) Public information meeting during the preparation of the technical reports and environmental documents, and two (2) progress meetings with the COUNTY.

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### 1.8 35% SUBMITTAL, PRELIMINARY DESIGN AND TYPE SELECTION

Upon completion of data gathering, investigation and analysis, an updated Preliminary Design Report and Type Selection will be prepared by CONTRACTOR. The Preliminary Design Report will summarize the findings and will recommend the design and improvements for the Project. Preliminary plans of all major features of the Project will be provided so that the COUNTY will have a clear understanding of the proposed improvements.

CONTRACTOR will provide a preliminary cost estimate of the proposed improvements for proposed Project. The Preliminary Design Report will state the property acquisition requirements for the bridge. A Type Selection meeting will be arranged, if necessary.

35% Preliminary Cost Estimate: A Preliminary Cost Estimate will be prepared based on items and quantities of work shown on the Preliminary Plans and other anticipated improvements. The estimate will be based upon current market unit costs, the magnitude of the quantities, experience with similar local projects and the CONTRACTOR'S judgment.

35% Preliminary Plans: The Preliminary Design Phase is intended to allow the COUNTY, Caltrans, utility companies and other involved agencies to review and comment upon the basic design concepts early in the process. Plan development will be based upon the geometry developed in the Geometric Alignment Drawing Submittal. CONTRACTOR will develop Preliminary Plans to establish fundamental elements of the design. The proposed plans for this preliminary submittal are as follows:

- Title/Index Sheet
- Typical Roadway Cross Sections
- Preliminary Roadway Alignment
- Plans and Profiles
- Preliminary Utility Plans
- Striping and Signing Plans
- Bridge General Plan (Type Selection)
- Bridge Foundation Plan

### DELIVERABLES

- Plan Set Drawings (five (5) copies, 11" x 17" plots)
- 35% Preliminary Cost Estimate (five (5) copies)
- Preliminary Reports and Studies noted above (three (3) copies)

### PHASE II: FINAL DESIGN

Based on the approved Preliminary Design Report and Bridge Type Selection, Construction Documents will be prepared by CONTRACTOR. The Construction Documents package will include specifications and construction plans and will conform to Caltrans' Standards and Federal requirements. Final design calculations and a final construction cost estimate will also be prepared and submitted for COUNTY staff review.

## **EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS**

CONTRACTOR will coordinate with utilities at the 65% plan submittal milestone to determine future needs, if any, to be accommodated on/within the bridge. The CONTRACTOR will design all channel transitions or alterations that may be required and will design all street transitions to the bridge.

### **DESIGN CRITERIA**

**Bridge Design:** Final bridge design will be performed in accordance with Caltrans Bridge Design Specifications using the Load and Resistance Factor Design following American Association of State Highway and Transportation Officials' (AASHTO) "Load and Resistance Factor Design (LRFD) Bridge Specification 2012" with the California Amendments. Seismic design will be performed in accordance with Caltrans latest Seismic Design Criteria (Version 1.7). Other references that will be followed are Caltrans Division of Structures "Bridge Memo to Designers", "Bridge Design Aids", "Bridge Design Details" and the "Office of Specially Funded Projects Information and Procedure Guide.

**Approach Roadway Design:** The final approach roadway design will be performed in accordance with AASHTO's "A Policy on Geometric Design of Highways and Streets", Caltrans Highway Design Manual, and Caltrans Standard Specifications. Final grading and drainage details will be developed as well as new/existing roadway conformance details, as required. Cross-sections will be developed at approximately fifty (50) foot intervals.

**Utility Relocation:** The COUNTY will provide communication and coordination with the utility companies during the preliminary and final design process. CONTRACTOR will coordinate the relocation and protection of the existing utilities for the Project based on the information obtained from the COUNTY and various affected utilities. CONTRACTOR will also provide adequate openings for the utilities in the bridge. It will be the responsibility of each utility owner to provide a design of their facility. If Caltrans requires a Utility Report of Investigation per the Caltrans Local Assistance Procedures Manual, CONTRACTOR has the ability to perform this work under a separate scope and budget.

**Environmental:** Environmental mitigation requirements will be included in the Plans, Specifications and Estimate (PS&E) as described in the approved EDs and permits.

Bridge demolition, water pollution control measures, traffic detours, traffic handling plans, and Project signing will be developed by the CONTRACTOR, as well as bridge and roadway embankment protection (rock slope protection) details.

### **PLAN SHEETS AND DETAILS**

The plan sheets will be prepared in AutoCAD. Plans will be prepared in English units and will be consistent with Caltrans' Standard Plans. All plans will be signed by the CONTRACTOR's Engineer (registered in the State of California) in charge of the design, in accordance with the Caltrans Local Programs Manual.

The proposed plan sheets for the construction documents are as follows:

- Title Sheet, Legend and Notes
- Clearing and Fencing Plan
- Typical Cross Sections
- Roadway Improvement Plans

## EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS

- Profile and Superelevation Diagram
- Utility and Drainage
- Plans and Profiles
- Construction Details
- Traffic Handling and Construction Area Signs
- Signing and Striping Plans
- Bridge General Plan
- Deck Contours
- Foundation Plan
- Abutment Layout
- Abutment Details
- Bridge Typical Section
- Precast Concrete Slab Details
- Structure Approach Slab Details
- LOTB

Three (3) submittals will be made during the preparation of the Final Design Phase as follows:

- When the documents are 65% complete;
- When the documents are 95% complete;
- When the final documents are complete.

Each submittal will incorporate the review comments from the previous submittal of the COUNTY as well as those of all other reviewing agencies.

### 2.1 UNCHECKED DESIGN SUBMITTALS (65% PS&E)

#### 2.1.1 65% COMPLETE PLANS

Based on comments received from the 35% Design Submittal, the CONTRACTOR will advance the design to the point that all major design issues and solutions are represented in the plan documents. Minor details may be missing from the plan set at this milestone, but all plan sheets will be included in this submittal package. The CONTRACTOR will work with the COUNTY and other agencies to resolve any remaining conflicts between the comments of different reviewers. Upon comment resolution with COUNTY, no further changes will be allowed thereafter and such comments or changes will be deferred until the next submittal or next appropriate meeting.

#### 2.1.2 65% COMPLETE SPECIFICATIONS

CONTRACTOR will prepare a draft version of the technical specifications sections. The technical specifications will cover all major items of work and will reference applicable Caltrans standard specifications, with specific consideration of measurement and payment provisions. The COUNTY will be responsible for the completion of "boilerplate" general and standard provisions related to the construction contract.



## **EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS**

### **2.1.3 65% CONSTRUCTION COST ESTIMATE**

The Preliminary Cost Estimate prepared under Task 1.8, 35% Submittal, Preliminary Design and Type Selection, will be updated by the CONTRACTOR to reflect the design refinements in the 65% Design Submittal. This will become the 65% Engineer's Estimate of Probable Construction Cost.

### **2.1.4 MEMORANDUM RESPONSE TO COMMENTS**

The COUNTY will submit a "Comments" letter to the CONTRACTOR with the COUNTY Comments to the 35% Design Submittal. The CONTRACTOR will prepare and submit a memo with "Response to Comments" received from the COUNTY's "Comments" to the 35% Design Submittal. A meeting will be held with COUNTY and CONTRACTOR to discuss and resolve the "Comments" and the "Response to Comments" to the 35% Design Submittal.

Changes to the plans requested by the COUNTY and agreed to by the CONTRACTOR will be incorporated into the 65% Design Submittal documents. It is understood that reasonable changes to the plans and other construction documents will be incorporated into the construction documents.

### **65% DELIVERABLES**

- Plan Set Drawings (five (5) copies, 11" x 17" plots)
- 65% Engineer's Estimate of Probable Construction Cost (five (5) copies, 8 1/2" x 11")
- 65% Specifications (three (3) copies, 8 1/2" x 11")
- Response to 35% Comments Memo (three (3) copies)

## **2.2 CHECKED DESIGN SUBMITTAL (95% PS&E)**

### **2.2.1 95% COMPLETE PLANS**

Based on comments received from the 65% Design Submittal, the CONTRACTOR will advance the design to the point that it is complete and fully checked by CONTRACTOR, and will be represented by the 95% Design Submittal. CONTRACTOR will prepare Checked Plans and submit to the COUNTY, the utility companies, and other agencies as identified in the kick-off meeting for final review and comment. The CONTRACTOR will work with the COUNTY and other agencies to resolve any conflicts between the comments of different reviewers by convening a comment resolution meeting to obtain consensus.

### **2.2.2 95% COMPLETE SPECIFICATIONS**

CONTRACTOR will update the technical specifications using COUNTY and Caltrans Standard Specifications. The COUNTY will incorporate them into "boilerplate" legal and contractual provisions of the contract Bid Documents.

### **2.2.3 95% CONSTRUCTION COST ESTIMATE**

The Estimate of Construction Cost will be updated for use in the Bid Documents using standard COUNTY and/or Caltrans items.

### **2.2.4 QUALITY ASSURANCE (QA) REVIEW**

An internal QA review of the PS&E will be conducted concurrently by the CONTRACTOR with review of the 95% Design Submittal by the COUNTY and other agencies. CONTRACTOR's QA program will provide for independent checking of individual tasks as

## EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS

well as an independent review by the CONTRACTOR. The purpose of the review will be to provide oversight to specific Project details by professionals who are not closely involved in the design, and to review the constructability, cost-effectiveness and completeness of design features relative to the normal standard of professional care.

### 2.2.5 MEMORANDUM RESPONSE TO COMMENTS

The COUNTY will submit a "Comments" letter to the CONTRACTOR with the COUNTY Comments to the 65% Design Submittal. The CONTRACTOR will prepare and submit a memo with "Response to Comments" received from the COUNTY's "Comments" to the 65% Design Submittal. If the COUNTY deems it necessary, an additional meeting will be held with COUNTY's staff and CONTRACTOR's staff to discuss and resolve the "Comments" and the "Response to Comments" to the 65% Design Submittal.

Minor changes to the plans requested by the COUNTY and agreed to by the CONTRACTOR will be incorporated into the 95% Design Submittal documents. It is understood that reasonable minor changes to the plans and other construction documents will be incorporated into the construction documents.

### 95% DELIVERABLES:

- Plan Set Drawings (five (5) copies, 11" x 17" plots)
- 95% Engineer's Estimate (three (3) copies, 8 1/2" x 11")
- Specifications (three (3) copies, 8 1/2" x 11")
- Response to 65% Comments Memo (three (3) copies)

### 2.3 FINAL DESIGN SUBMITTAL (100% PS&E)

#### 2.3.1 100% FINAL PLANS

After COUNTY review of the Checked Design Submittal (95%), CONTRACTOR will prepare the Final Contract Documents in accordance with the COUNTY's instructions, and provide the COUNTY and other agencies the opportunity to review the completed Bid Documents and direct minor revisions.

#### 2.3.2 MEMORANDUM RESPONSE TO COMMENTS

The COUNTY will submit a "Comments" letter to the CONTRACTOR with the COUNTY's Comments to the 95% Design Submittal. The CONTRACTOR will prepare and submit a memo with "Response to Comments" received from the COUNTY's "Comments" to the 95% Design Submittal.

#### 2.3.3 BID DOCUMENTS

After COUNTY review of the 100% Final Submittal, any minor final revisions will be incorporated and six (6) sets of Completed Contract Documents will be prepared in accordance with the COUNTY's instructions. Final Bid Documents will be submitted for signature.

### 100% DELIVERABLES

- One (1) set of Plans at reduced scale (11" x 17") signed and dated
- One (1) full size set of plans (24" x 36") printed on vellum paper signed and dated
- Three (3) full size copies of the Complete Bid Set Drawings

## EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS

- A loose set of final signed specifications
- A final Engineer's Estimate
- CD archive of Project electronic files including PDF of each plan sheet and AutoCAD files

### 2.4 BIDDING PERIOD SERVICES

During the bidding period, the CONTRACTOR will prepare responses to any questions regarding the Agreement documents.

## PHASE III: CONSTRUCTION

### 3.1 CONSTRUCTION SUPPORT

Upon approval by the COUNTY of the construction support proposal, the CONTRACTOR will be available to interpret plans, revise designs, check and approve shop drawings and falsework plans, and make site visits as required by the COUNTY during construction.

### 3.2 AS-BUILT PLANS

CONTRACTOR will prepare As-Built Plans at the conclusion of the construction activities to reflect the as-built construction details.

## PHASE IV: SUPPLEMENTAL SERVICES

This supplemental scope and accompanying budget has been provided to the COUNTY as requested to address issues that may arise during the environmental review, assessment and design process.

A budget has been provided for use on these supplemental services. Upon identification of the need for a supplemental service, CONTRACTOR shall alert COUNTY and request approval to perform the service. Upon receipt of notice to proceed with the service by the COUNTY, CONTRACTOR shall perform the work.

### 4.1 TEMPORARY BRIDGE OR CULVERT DESIGN

The selected design of the bridge may require the construction of a temporary culvert or bridge structure to reroute the traffic during the construction of the new bridge. The CONTRACTOR will design and prepare PS&E for the necessary plans, specifications and estimate in the bridge PS&E package for the construction of this structure if necessary. Should a culvert or other means to divert water flow through the construction site be required, contract specifications shall indicate that the design shall be the responsibility of the Construction Contractor as is standard practice for such facilities.

### 4.2 COORDINATION OF SUPPLEMENTAL TASKS

This task covers the necessary Project Management including supervision and scheduling of Project staff, review of work prepared by CONTRACTOR and sub-consultants, Project coordination, client liaison and the monitoring of the schedule and the budget for supplemental tasks.

### 4.3 BIOLOGY TASKS

This scope addresses issues that may arise during the environmental review and assessment process (NES and BA) that may require site specific data to conclude with certainty the status of a species in the vicinity of a bridge project and the potential impacts to that species from

## EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS

the proposed Project. In assessing impacts to special-status species and sensitive habitats at each of the sites, CONTRACTOR's primary approach will be to use existing data and information (i.e., vegetation types, habitat condition, and geographic range of species) gathered during the site survey to assess the presence and potential impacts to special-status species and habitats. In cases where CONTRACTOR is unable to come to a conclusion regarding a particular species or when there is a disagreement between the COUNTY and the resource agencies regarding the potential impact of the Project, CONTRACTOR proposes to gather site specific field data to resolve the issue. Site specific, focused surveys would only be conducted after modifications to the Project area (access roads, staging areas) or construction methods have been reevaluated to avoid or minimize the potential impacts to species and their habitats. For example, if an access road is relocated to avoid a vernal pool, a vernal pool crustacean survey would not be required.

For the Project, CONTRACTOR has identified the additional field work that may be required to assess impacts to special-status species that occur in the vicinity of the bridge. A brief scope and budget are included for each survey type. Given the prohibitive costs of conducting some protocol-level surveys, CONTRACTOR has limited the survey techniques employed to those that would provide useful information and are cost effective to conduct (e.g., aquatic sampling for salamander larvae rather than upland surveys for adult salamanders). Based on preliminary research of documented and potentially occurring special-status biological resources in the vicinity of the Project, the following species-specific assessments and surveys may be necessary.

### 4.3.1 SPECIAL-STATUS PLANT SURVEYS

#### *Field Survey*

CONTRACTOR will address the potential occurrence of special-status plant species on the Project site in accordance with *Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities* (CDFW 2009). CONTRACTOR will examine current Federal and State lists of special-status plant species and current database records. In order to adequately assess the presence of the special-status plant species potentially occurring on the Project site, three (3) surveys will be required. The surveys will be conducted between March and September depending on rainfall and other environmental factors. This survey schedule will cover the flowering periods of all the potential target species. One (1) CONTRACTOR Biologist can efficiently cover one-hundred percent (100%) of the Project site during one (1) survey day. If special-status plant species are found, the plant or plant population will be recorded on field maps and/or with a handheld Global Positioning System (GPS) device and documented with digital photographs. All plant species identified on the Project site will be recorded in field notes.

#### *Report*

Following the final survey, CONTRACTOR will prepare a comprehensive report for submittal to the COUNTY detailing the results the special-status plant survey methodology and results. The report will include an analysis of the occurrence or potential occurrence for all the special-status plants (and sensitive vegetation communities) known from the Project site vicinity. If any special-status plant species are detected on site, CONTRACTOR will prepare and include in the report a graphic displaying the locations of the resources observed.

## EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS

### *Schedule*

As noted above, to cover the flowering periods of special-status plant species that could occur on the Project site, CONTRACTOR will conduct three (3) surveys between March and September. Preparation of the special-status plant survey report could begin after the initial survey, but not finalized until after the last survey.

### 4.3.2 BAT DETECTION SURVEYS

#### *Field Survey*

During the initial survey of the Biological Study Area (BSA) for the NES/BA, an assessment of bat habitat on the existing bridge will be conducted. If special-status bat species are or could be using the bridge, more information on what areas of the bridge they are using and in what capacity (maternity roosts, day roosts, and/or night roosts) may be required. To provide such information additional follow-up surveys may be required. Follow-up surveys would be conducted from late afternoon until after dark to observe bats in day roosts (e.g., expansion joints), watch for emerging bats at dusk, and survey known or potential night roosts after dark. One (1) to two (2) follow-up surveys, depending the time of year the work is scheduled, would be conducted.

#### *Report*

The results of the survey will be summarized in a letter report.

#### *Schedule*

Surveys will be conducted in the spring or summer when the bats are present and active.

**PHASE IV, SUPPLEMENTAL SERVICES, ARE INCLUDED AND DESCRIBED IN EXHIBIT A OF THIS AGREEMENT TO ALLOW FOR COMPLETION OF THE IDENTIFIED SERVICE WITHIN A SPECIFIC SURVEY TIMEFRAME. A BUDGET HAS BEEN ALLOCATED IN THE HOURS AND DESIGN WORKSHEET TO ALLOW FOR COMPLETION OF ANY IDENTIFIED SERVICE WITHIN THE SPECIFIC TIMEFRAMES. SHOULD A SUPPLEMENTAL SERVICE IDENTIFIED IN EXHIBIT A BE REQUIRED, CONTRACTOR WILL PRESENT THE COST ASSOCIATED WITH THE SUPPLEMENTAL SERVICE TO THE COUNTY PROJECT MANAGER AND WITH THE COUNTY PROJECT MANAGER'S WRITTEN APPROVAL, BE AUTHORIZED TO PROCEED. THE TOTAL COST FOR ALL SUPPLEMENTAL SERVICES SHALL NOT EXCEED THE AUTHORIZED SUPPLEMENTAL SERVICES BUDGET AMOUNT APPROVED UNDER THIS AGREEMENT WITHOUT AN EXECUTED AMENDMENT TO THIS AGREEMENT.**

## **EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS**

### **WORK NOT INCLUDED**

This Scope of Services does not include tasks identified as not included in the Scope of Services:

- Slope protection plans except as required to protect bridge foundations
- Landscaping and street lighting design, except as required by the CEQA/NEPA documents or regulatory environmental permits
- Feasibility or planning studies for future channel flood control improvement
- Design of temporary or permanent channel mitigation measures
- Performing Phase II ISA
- Handling and disposal of hazardous materials
- Construction contract administration

### **MATERIALS, INFORMATION AND DATA TO BE PROVIDED BY THE COUNTY**

- Available pertinent information, data and reports of the surrounding area, such as adjacent Project plans, reports, specifications, etc.

### **WORK PERFORMED BY THE COUNTY**

The COUNTY will perform tasks as identified in the above Scope of Services and the following:

- Review and Comment on Design Submittals
- Project Approval
- Preparation and execution of utility agreements
- PS&E Approval
- Advertise for Bids
- Award of Construction Contract
- Advertising and bidding administration
- Process right-of-entry requests for surveying and subsurface exploration

**ANY ADDITIONAL SERVICES REFERENCED IN THIS EXHIBIT A OF THIS 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 – SCOPE OF SERVICES/PAYMENT PROVISIONS

### PAYMENT PROVISIONS

#### BASIC SERVICES:

1. CONTRACTOR shall be reimbursed for hours worked at the hourly rates specified in CONTRACTOR's Rate Schedule 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 the 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](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.

#### SUPPLEMENTAL SERVICES:

The basis of payment for the supplemental services provided under this Agreement shall be at the standard hourly rates specified in CONTRACTOR's Rate Schedule attached hereto. The specified hourly rates include direct salary costs, employee benefits, overhead, and fee.

1. The COUNTY shall reimburse the CONTRACTOR at standard hourly rates as listed in the attached Rate Schedule.
2. The 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 Rate Schedule are not adjustable and are valid through the initial term of this Agreement. A rate increase may be negotiated according to Section 13.0, Agreement to Terms and Conditions, of RFQ #10490 – On-Call Bridge Design Services for Monterey County Bridge Projects.

For billing purposes work will be segregated between basic and supplemental services:

The total amount payable by COUNTY for work under this Agreement for Basic Services shall not exceed the sum of \$516,570, unless authorized by COUNTY through an amendment to this Agreement.

The total amount payable by COUNTY for work under this Agreement for Supplemental Services shall not exceed the sum of \$37,900, unless authorized by COUNTY through an amendment to this Agreement.

The total amount payable by COUNTY for work under this Agreement for Basic and Supplemental Services shall not exceed the sum of \$554,470, unless authorized by COUNTY through an amendment to this Agreement.

EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS

TRC ENGINEERS, INC.

RATE SCHEDULE

LABOR RATES

Personnel Classification	2015-2016 Hourly Rate	2017-2018 Hourly Rate
Project Manager	\$ 225.00	\$ 236.25
Project Engineer/Coordinator	\$ 170.00	\$ 178.50
Environmental Manager	\$ 166.00	\$ 174.30
Certified Industrial Hygienist	\$ 166.00	\$ 174.30
Senior Engineer	\$ 140.00	\$ 147.00
ISA Scientist	\$ 128.00	\$ 134.40
Engineer II	\$ 120.00	\$ 126.00
Engineer I	\$ 90.00	\$ 94.50
CADD Supervisor	\$ 135.00	\$ 141.75
CADD Technician	\$ 85.00	\$ 89.25
Desktop Publisher	\$ 70.00	\$ 73.50
Administrative Assistant	\$ 70.00	\$ 73.50

2015-2016 Rates are effective through December 31, 2016. 2017-2018 Rates are effective from January 1, 2017 through December 31, 2018. Should work be required beyond December 31, 2018, 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 Mileage Rate, currently \$0.575 per mile.

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](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 - SCOPE OF SERVICES/PAYMENT PROVISIONS**

**TRC ENGINEERS, INC.**

**COST FOR BASIC AND SUPPLEMENTAL SERVICES**

**PROJECT** County of Monterey

Hartnell Road Bridge Replacement

FIRM	BASIC		SUPPLEMENTAL		TOTAL		GRAND TOTAL
	LABOR	ODCS*	LABOR	ODCS*	LABOR	ODCS*	
TRC	\$ 302,146	\$ 1,790	\$ 23,660	\$ -	\$ 325,806	\$ 1,790	\$ 327,596
LSA	\$ 110,705	\$ 13,968	\$ 12,275	\$ 1,965	\$ 122,980	\$ 15,933	\$ 138,913
PARIKH	\$ 35,811	\$ 10,160	\$ -	\$ -	\$ 35,811	\$ 10,160	\$ 45,971
WRECO	\$ 3,080	\$ 800	\$ -	\$ -	\$ 3,080	\$ 800	\$ 3,880
WHITSON	\$ 19,560	\$ 18,550	\$ -	\$ -	\$ 19,560	\$ 18,550	\$ 38,110
<b>TOTALS</b>	<b>\$ 471,302</b>	<b>\$ 45,268</b>	<b>\$ 35,935</b>	<b>\$ 1,965</b>	<b>\$ 507,237</b>	<b>\$ 47,233</b>	<b>\$ 554,470</b>
	<b>\$516,570</b>		<b>\$37,900</b>		<b>\$554,470</b>		

\* ODCS = Other Direct Costs

TRC Engineers, Inc  
Hartnell Road Bridge Replacement  
RMA - Public Works

# EXHIBIT A - SCOPE OF SERVICES/PAYMENT PROVISIONS

TRC ENGINEERS, INC.  
HOURS AND DESIGN FEE WORKSHEET

County of Monterey  
Hartnell Road Bridge Replacement

Task Description	LABOR												Total Hours	Total \$			
	ODDC Manager	Project Manager	Project Engineer I	Project Engineer II	Senior Engineer	St. Bridge Engineer	Bridge Engineer I	Bridge Engineer II	Project Engineer	Environmental Engineer	Environmental Specialist	Environmental Specialist			Environmental Specialist	ODDC Supervisor	ODDC Technician
Phase 0 PROJECT MANAGEMENT																	
0.1 PROJECT MANAGEMENT		24	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0.2 PROJECT MANAGEMENT		12	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
0.3 COORDINATION MEETINGS		12	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
0.4 DESIGN REVIEW MEETINGS		12	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
0.5 CALTRANS LOCAL ASSISTANCE COORDINATION		12	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Phase I PRELIMINARY ENGINEERING AND REPORTS																	
1.1 DATA COLLECTION		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.2 GEOTECHNICAL INVESTIGATION		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.3 FIELD SURVEYS AND BASE MAP TOPOGRAPHY		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.4 PRELIMINARY DESIGN AND ESTIMATION		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.5 PRELIMINARY PROFILES		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.6 HYDRAULICS REPORT		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7 ENVIRONMENTAL DOCUMENTS		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.1 PROJECT INITIATION AND PROJECT DESCRIPTION		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.1.1 KICK OFF MEETING WITH PROJECT TEAM/FIELD REVIEW		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.1.2 COORDINATION WITH RESPONSIBLE COOPERATING AGENCIES AND OTHER STAKEHOLDERS		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.1.3 PREPARE AND SUBMIT ENVIRONMENTAL DOCUMENTS		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.1.4 PREPARE AND SUBMIT TECHNICAL STUDIES		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.2.1 NATURAL ENVIRONMENTAL STUDY (NES)		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.2.2 JURISDICTIONAL DELINEATION (JD)		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.2.3 BIOLOGICAL ASSESSMENT (BA)		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.2.4 CULTURAL RESOURCES		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.2.5 GEOLOGY		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.2.6 HAZARDOUS MATERIALS		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.2.7 HYDROLOGIC AND WATER QUALITY		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.2.8 NOISE		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.2.9 REVERSE DRAFT DOCUMENTS BASED ON COUNTY AND CALTRANS COMMENTS		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.3 FINAL TECHNICAL STUDIES		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.4 PREPARATION OF ADMINISTRATIVE DRAFT & PUBLIC REVIEW DRAFT ENVIRONMENTAL DOCS		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.5.1 CIRCULATE DRAFT SET FOR PUBLIC REVIEW		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.5.2 PUBLIC RESPONSE TO COMMENTS BASED ON PUBLIC COMMENT		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.6 PERMITTING		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.7 MEETING/MEETING ATTENDANCE		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.8 65% SUBMITTAL PRELIMINARY DESIGN AND TYPE SELECTION		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1.7.9 FINAL DESIGN		2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Phase II UNCHECKED DESIGN SUBMITTAL (65% PS&E)																	
2.1 65% COMPLETE PLANS		4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2.1.1 65% COMPLETE PLANS		4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2.1.2 65% COMPLETE SPECIFICATIONS		4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2.1.3 65% COMPLETE ESTIMATE		4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2.1.4 MEMORANDUM RESPONSE TO COMMENTS		4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2.2 CHECKED DESIGN SUBMITTAL (65% PS&E)		4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2.2.1 65% COMPLETE PLANS		4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2.2.2 65% COMPLETE SPECIFICATIONS		4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2.2.3 65% CONSTRUCTION COST ESTIMATE		4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2.2.4 QUALITY ASSURANCE REVIEW		4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2.2.5 MEMORANDUM RESPONSE TO COMMENTS		4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2.2.6 CHECKED DESIGN SUBMITTAL (65% PS&E)		4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2.3.1 TOTAL FINAL PLANS		4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2.3.2 MEMORANDUM RESPONSE TO COMMENTS		4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2.3.3 BID DOCUMENTS		4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
2.4 BIDDING PERIOD SERVICES		4	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Phase III CONSTRUCTION																	
3.1 CONSTRUCTION SUPPORT		16	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
3.2 AS-BUILT PLANS		16	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
Phase IV SUPPLEMENTAL TASKS																	
4.1 COORDINATION OF SUPPLEMENTAL TASKS		8	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
4.2 COORDINATION OF SUPPLEMENTAL TASKS		8	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
4.3 BIOLOGY TASKS		8	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
4.3.1 SPECIAL STATUS PLANT SURVEYS		8	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
4.3.2 BAT DETECTION SURVEYS		8	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Summary	His	20	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
	Per	25.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00	225.00
	Per	4500	41400	41400	41400	41400	41400	41400	41400	41400	41400	41400	41400	41400	41400	41400	41400
	% of Total	1%	7%	7%	7%	7%	7%	7%	7%	7%	7%	7%	7%	7%	7%	7%	7%
Free Classification																	
% of Total																	
ODDCs																	
Mileage																	
Mail																	
Overnight mail																	
Copies (8.5x11)																	
Copies (11x17)																	
Materials																	
Electricity																	
Printing																	
Microfilm																	
Total ODCs																	
Grand Total																	

# EXHIBIT A - SCOPE OF SERVICES/PAYMENT PROVISIONS

LSA ASSOCIATES, INC.  
HOURS AND DESIGN FEE WORKSHEET

County of Monterey  
Hartnell Road Bridge Replacement

Task Description	Project Manager	Project Engineer	Senior Engineer	Assistant Engineer	Methodologist	Architect	Quality Specialist	Seniorable Specialist	GIS Specialist	Seniorable Specialist	Total Hours	Total \$
1.1 PROJECT MANAGEMENT												
1.2 PROJECT INITIATION												
1.3 COORDINATION MEETINGS												
1.4 DESIGN REVIEW MEETINGS												
1.5 CALTRANS LOCAL ASSISTANCE COORDINATION												
1.6 PRELIMINARY ENGINEERING AND REPORTS												
1.7 DATA COLLECTION												
1.8 GEOTECHNICAL INVESTIGATION												
1.9 FIELD SURVEYS AND BASE MAP TOPOGRAPHY												
1.10 PRELIMINARY RIGHT-OF-WAY												
1.11 HYDRAULICS REPORT												
1.12 ENVIRONMENTAL DOCUMENTS												
1.13 PROJECT INITIATION AND PROJECT DESCRIPTION												
1.14 KICK OFF MEETING WITH PROJECT TEAM/FIELD REVIEW												
1.15 COORDINATION WITH RESPONSIBLE/COOPERATING AGENCIES												
1.16 PRELIMINARY STUDIES												
1.17 NATURAL ENVIRONMENT TECHNICAL STUDIES												
1.18 JURISDICTIONAL DELINEATION (JD)												
1.19 BIOLOGICAL ASSESSMENT (BA)												
1.20 CULTURAL RESOURCES												
1.21 GEOLOGY												
1.22 HYDRAULICS MATERIALS												
1.23 FLOODPLAIN EVALUATION REPORT												
1.24 NOISE												
1.25 REVISE DRAFT DOCUMENTS BASED ON COUNTY AND												
1.26 CALTRANS COMMENTS												
1.27 FINAL TECHNICAL STUDIES												
1.28 PREPARATION OF ADMINISTRATIVE DRAFT & PUBLIC REVIEW												
1.29 PRELIMINARY PUBLIC REVIEW												
1.30 PRELIMINARY PUBLIC REVIEW												
1.31 RESPONSE TO COMMENTS BASED ON PUBLIC COMMENT												
1.32 FINAL ED												
1.33 PERMITTING												
1.34 MEETING/HEARING ATTENDANCE												
1.35 50% SUBMITTAL PRELIMINARY DESIGN AND TYPE SELECTION												
1.36 FINAL DESIGN SUBMITTAL (65% PS&E)												
1.37 UNCHECKED DESIGN SUBMITTAL (65% PS&E)												
1.38 65% COMPLETE SPECIFICATIONS												
1.39 65% CONSTRUCTION COST ESTIMATE												
1.40 MEMORANDUM RESPONSE TO COMMENTS												
1.41 CHECKED DESIGN SUBMITTAL (65% PS&E)												
1.42 65% COMPLETE PLANS												
1.43 65% COMPLETE SPECIFICATIONS												
1.44 QUALITY ASSURANCE COST ESTIMATE												
1.45 MEMORANDUM RESPONSE TO COMMENTS												
1.46 FINAL DESIGN SUBMITTAL (100% PS&E)												
1.47 100% FINAL PLANS												
1.48 MEMORANDUM RESPONSE TO COMMENTS												
1.49 BID DOCUMENTS												
1.50 BIDDING PERIOD SERVICES												
1.51 PRELIMINARY BIDDING PERIOD SUPPORT												
1.52 CONSTRUCTION SUPPORT												
1.53 ASSESSMENT PLANS												
1.54 SUPPLEMENTAL TASKS												
1.55 TEMPORARY BRIDGE OR CULVERT DESIGN												
1.56 COORDINATION OF SUPPLEMENTAL TASKS												
1.57 BID COST TASKS												
1.58 SPECIAL STATUS PLANT SURVEYS												
1.59 SAT DELIVERY SURVEYS												
<b>Total</b>											<b>40</b>	<b>\$7,800</b>
<b>Total ODCs</b>											<b>16</b>	<b>\$1,600</b>
<b>Grand Total</b>											<b>24</b>	<b>\$6,200</b>

Notes:  
 BASIC TASK ODCS  
 Includes: (copies of technical studies, 3/4" scale, presentation graphics)  
 Permit ODC to CDPY  
 Permit CDPY to CDPY  
 Permit CDPY to CALTRANS  
 SUPPLEMENTAL TASKS  
 1985

# EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS

County of Monterey Hartnell Road Bridge Replacement		PARIKH CONSULTANTS, INC HOURS AND DESIGN FEE WORKSHEET										Total	Total
Task Description	LABOR										Total Hours	Total \$	
	Project Manager G. Parkh Hours	Senior Prof. Eng. D. Wang Hours	Project Engineer E. Oshari Hours	Staff Engineer Hours	Field Engineer Hours	Laboratory Technician Hours	Engineering Draftsman Hours	Contract Manager Hours	Senior Eng. Geologist A. Baker Hours				
<b>Phase 0 PROJECT MANAGEMENT</b>													
0.1 PROJECT MANAGEMENT													
0.2 PROJECT INITIATION													
0.3 COORDINATION MEETINGS													
0.4 DESIGN REVIEW MEETINGS													
0.5 CALTRANS LOCAL ASSISTANCE COORDINATION													
<b>Phase I PRELIMINARY ENGINEERING AND REPORTS</b>													
1.1 DATA COLLECTION													
1.2 GEOTECHNICAL INVESTIGATION	14	26	84	69	30	32	28	2			274	\$31,729	
1.3 FIELD SURVEYS AND BASE MAP TOPOGRAPHY													
1.4 UTILITY MAP AND INVESTIGATION													
1.5 PRELIMINARY RIGHT-OF-WAY													
1.6 HYDRAULICS REPORT													
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 COORDINATION WITH RESPONSIBLE/COOPERATING AGENCIES AND OTHER STAKEHOLDERS													
1.7.1.3 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	2	8	8	4			2		6		28	\$4,082	
1.7.2.6 HAZARDOUS MATERIALS													
1.7.2.7 HYDROLOGY AND WATER QUALITY													
1.7.2.8 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 & PUBLIC REVIEW DRAFT ENVIRONMENTAL DOCS													
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													
<b>Phase II FINAL DESIGN</b>													
2.1 UNCHECKED DESIGN SUBMITTAL (85% PS&E)													
2.1.1 85% COMPLETE PLANS													
2.1.2 85% COMPLETE SPECIFICATIONS													
2.1.3 85% CONSTRUCTION COST ESTIMATE													
2.1.4 MEMORANDUM RESPONSE TO COMMENTS													
2.2 CHECKED DESIGN SUBMITTAL (95% PS&E)													
2.2.1 95% COMPLETE PLANS													
2.2.2 95% COMPLETE SPECIFICATIONS													
2.2.3 95% CONSTRUCTION COST ESTIMATE													
2.2.4 QUALITY ASSURANCE REVIEW													
2.2.5 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													
<b>Phase III CONSTRUCTION</b>													
3.1 CONSTRUCTION SUPPORT													
3.2 AS-BUILT PLANS													
<b>Phase IV SUPPLEMENTAL TASKS</b>													
4.1 TEMPORARY BRIDGE OR CULVERT DESIGN													
4.2 COORDINATION OF SUPPLEMENTAL TASKS													
4.3 BIOLOGY TASKS													
4.3.1 SPECIAL-STATUS PLANT SURVEYS													
4.3.2 BAT DETECTION SURVEYS													
	16	31	92	63	30	32	30	2	6		302	\$36,811	
Loaded Billing Rate	\$246	\$177	\$118	\$90	\$116	\$84	\$92	\$187	\$180				
Cost	3,936	5,487	10,386	5,670	3,480	2,688	2,700	374	1,080		302	\$36,811	
% of Total Hours by Classification	5%	10%	30%	21%	10%	11%	10%	1%	2%		100%		
<b>Notes:</b>													
											ODCs 1 Drilling Rig 7980 2 Grouting holes 800 3 Traffic control 1250 4 Reproduction 130		
											Total ODCs \$ 10,160 <b>Grand Total \$46,971</b>		

## EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS

County of Monterey Hartnell Road Bridge Replacement		Wreco HOURS AND DESIGN FEE WORKSHEET						
Task Description	Principal Engineer H. Dang	Senior Engineer C. Sewell	Hours	Hours	Hours	Hours	Total Hours	Total \$
	Hours	Hours	Hours	Hours	Hours	Hours		
<b>Phase 0 PROJECT MANAGEMENT</b>								
0.1 PROJECT MANAGEMENT								
0.2 PROJECT INITIATION								
0.3 COORDINATION MEETINGS								
0.4 DESIGN REVIEW MEETINGS								
0.6 CALTRANS LOCAL ASSISTANCE COORDINATION								
<b>Phase I PRELIMINARY ENGINEERING AND REPORTS</b>								
1.1 DATA COLLECTION								
1.2 GEOTECHNICAL INVESTIGATION								
1.3 FIELD SURVEYS AND BASE MAP TOPOGRAPHY								
1.4 UTILITY MAP AND INVESTIGATION								
1.5 PRELIMINARY RIGHT-OF-WAY								
1.6 HYDRAULICS REPORT		8		8			16	\$3,080
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 COORDINATION WITH RESPONSIBLE/COOPERATING AGENCIES AND OTHER STAKEHOLDERS								
1.7.1.3 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								
1.7.2.6 GEOLOGY								
1.7.2.6 HAZARDOUS MATERIALS								
1.7.2.7 HYDROLOGY AND WATER QUALITY								
1.7.2.8 FLOODPLAIN EVALUATION REPORT								
1.7.2.8 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 & PUBLIC REVIEW DRAFT ENVIRONMENTAL DOCS								
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								
<b>Phase II: FINAL DESIGN</b>								
2.1 UNCHECKED DESIGN SUBMITTAL (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								
2.2 CHECKED DESIGN SUBMITTAL (95% PS&E)								
2.2.1 95% COMPLETE PLANS								
2.2.2 95% COMPLETE SPECIFICATIONS								
2.2.3 95% CONSTRUCTION COST ESTIMATE								
2.2.4 QUALITY ASSURANCE REVIEW								
2.2.6 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								
<b>Phase III: CONSTRUCTION</b>								
3.1 CONSTRUCTION SUPPORT								
3.2 AS-BUILT PLANS								
<b>Phase IV: SUPPLEMENTAL TASKS</b>								
4.1 TEMPORARY BRIDGE OR CULVERT DESIGN								
4.2 COORDINATION OF SUPPLEMENTAL TASKS								
4.3 BIOLOGY TASKS								
4.3.1 SPECIAL-STATUS PLANT SURVEYS								
4.3.2 BAT DETECTION SURVEYS								
		8		8			16	\$3,080
Loaded Billing Rate		215.00		170.00				
Cost		1,720		1,360			16	\$3,080
% of Total Hours by Classification		50%		50%			100%	
Notes:							ODCs	
							1 Travel /Per Diem	500
							2 Office Misc/Repro	300
							Total ODCs	800
							<b>Grand Total</b>	<b>\$3,880</b>

## EXHIBIT A – SCOPE OF SERVICES/PAYMENT PROVISIONS

County of Monterey Hartnell Road Bridge Replacement		WHITSON AND ASSOCIATES HOURS AND DESIGN FEE WORKSHEET									
Task Description	LABOR									Total Hours	Total \$
	Principal R. Weber, PE LS Hours	Licensed Land Surveyor T. Hannah, LS Hours	Assoc. Engineer/ Surveyor C. Pugh, CEI Hours	Asst. Engineer/ Surveyor B. Hendon Hours	Field Survey Crew Hours	Admin Support M. Clark Hours					
<b>Phase 0</b>	<b>PROJECT MANAGEMENT</b>										
0.1	PROJECT MANAGEMENT	2	2						3	7	\$940
0.2	PROJECT INITIATION		2							2	\$310
0.3	COORDINATION MEETINGS	2								2	\$420
0.4	DESIGN REVIEW MEETINGS										
0.5	CALTRANS LOCAL ASSISTANCE COORDINATION										
<b>Phase I</b>	<b>PRELIMINARY ENGINEERING AND REPORTS</b>										
1.1	DATA COLLECTION										
1.2	GEOTECHNICAL INVESTIGATION										
1.3	FIELD SURVEYS AND BASE MAP TOPOGRAPHY	2		6	16	24				48	\$9,310
1.4	UTILITY MAP AND INVESTIGATION				8	8				16	\$3,000
1.5	PRELIMINARY RIGHT-OF-WAY	2	8		16	8				34	\$5,680
1.6	HYDRAULICS REPORT										
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	COORDINATION WITH RESPONSIBLE/COOPERATING AGENCIES AND OTHER STAKEHOLDERS										
1.7.1.3	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	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 & PUBLIC REVIEW DRAFT ENVIRONMENTAL DOCS										
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										
<b>Phase II</b>	<b>FINAL DESIGN</b>										
2.1	UNCHECKED DESIGN SUBMITTAL (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										
2.2	CHECKED DESIGN SUBMITTAL (85% PS&E)										
2.2.1	85% COMPLETE PLANS										
2.2.2	85% COMPLETE SPECIFICATIONS										
2.2.3	85% CONSTRUCTION COST ESTIMATE										
2.2.4	QUALITY ASSURANCE REVIEW										
2.2.6	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										
<b>Phase III</b>	<b>CONSTRUCTION</b>										
3.1	CONSTRUCTION SUPPORT										
3.2	AS-BUILT PLANS										
<b>Phase IV</b>	<b>SUPPLEMENTAL TASKS</b>										
4.1	TEMPORARY BRIDGE OR CULVERT DESIGN										
4.2	COORDINATION OF SUPPLEMENTAL TASKS										
4.3	BIOLOGY TASKS										
4.3.1	SPECIAL-STATUS PLANT SURVEYS										
4.3.2	BAT DETECTION SURVEYS										
		8	12	6	40	40	3	109	19560		
Loaded Billing Rate		210.00	155.00	135.00	115.00	260.00	70.00				
Cost		1,680	1,860	810	4,600	10,400	210	109	\$19,560		
% of Total Hours by Classification		7%	11%	6%	37%	37%	3%	100%			
ODCs											
										County ROS Filing Fee	700
										Title Costs	2200
										Subsurface UI	3400
										Pathology	7950
										Photogrametric services	4300
										<b>Total ODCs</b>	<b>\$18,550</b>
										<b>Grand Total</b>	<b>\$38,110</b>

**EXHIBIT A - SCOPE OF SERVICES/PAYMENT PROVISIONS**

**Hartnell Road Bridge Replacement  
County of Monterey**

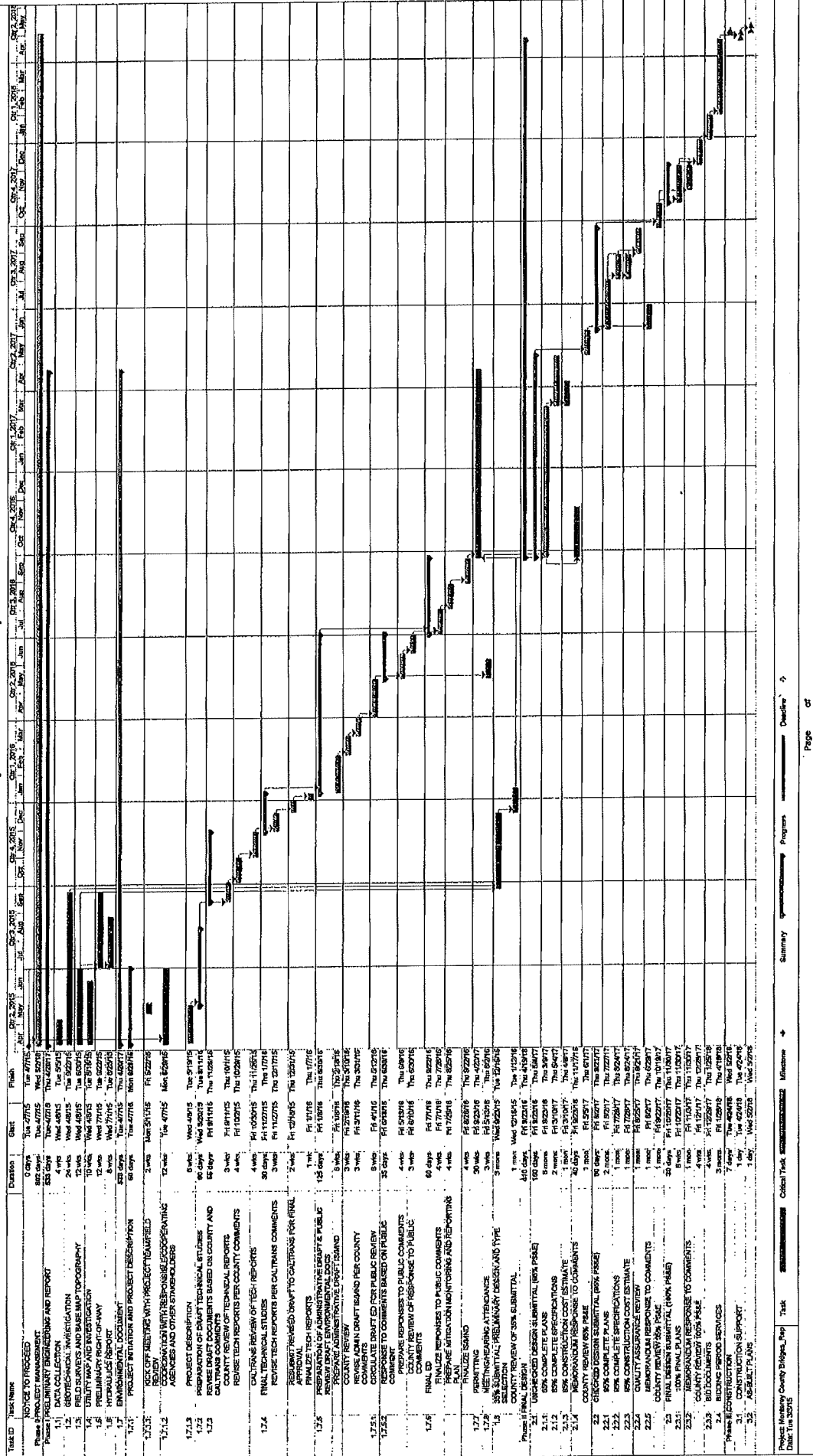


EXHIBIT B - FEDERAL PROVISIONS  
CALTRANS LOCAL ASSISTANCE PROCEDURES MANUAL

ARTICLE I CONTACT INFORMATION

County Project Manager

Name: Jose Luis Gomez  
Title: Assistant Engineer  
Address: 168 W. Alisal St 2nd Floor  
Salinas, CA 93901-2680  
Telephone Number: 831-755-4866

Contractor Project Manager

Name: Mark A. Tambriani, P.E.  
Title: Vice President  
Address: 10680 White Rock Rd, Suite 100  
Rancho Cordova, CA 95670  
Telephone Number: 916-366-0632

ARTICLE II TERMS

All references to "Contract" herein shall include the County of Monterey Agreement for Professional Services.

ARTICLE III ALLOWABLE COSTS AND PAYMENTS (Check one box only)

The method of payment for this contract will be based on actual cost-plus-a fixed fee.

- A. The COUNTY will reimburse the CONTRACTOR for actual costs (including labor costs, employee benefits, travel, equipment rental costs, overhead and other direct costs) incurred by the CONTRACTOR in performance of the work. The CONTRACTOR will not be reimbursed for actual costs that exceed the estimated wage rates, employee benefits, travel, equipment rental, overhead, and other estimated costs set forth in the CONTRACTOR's executed Proposal, unless additional reimbursement is provided for by contract amendment. In no event, will the CONTRACTOR be reimbursed for overhead costs at a rate that exceeds the COUNTY's approved overhead rate set forth in the executed Proposal. In the event that the COUNTY determines that a change to the work from that specified in the Executed Proposal and contract is required, the contract time and/or actual costs reimbursable by the COUNTY shall be adjusted by contract amendment to accommodate the changed work. The maximum total cost as specified in Paragraph "H" shall not be exceeded, unless authorized by contract amendment.
- B. In addition to the allowable incurred costs, the COUNTY will pay the CONTRACTOR a fixed fee of \$                     . The fixed fee is nonadjustable for the term of the contract, except in the event of a significant change in the scope of work and such adjustment is made by contract amendment.
- C. Reimbursement for transportation and subsistence costs shall not exceed the rates specified in the executed Proposal.
- D. When milestone cost estimates are included in the executed Proposal, the CONTRACTOR shall obtain prior written approval for a revised milestone cost estimate from the COUNTY Project Manager before exceeding such cost estimate.
- E. Progress payments will be made monthly in arrears based on services provided and allowable incurred costs. A pro rata portion of the CONTRACTOR's fixed fee will be included in the monthly progress payments. If CONTRACTOR fails to submit the required deliverable items according to the schedule set forth in the Statement of Work, the COUNTY shall have the right to delay payment and/or terminate this Agreement in accordance with the provisions of Section 7 of the County of Monterey Agreement for Professional Services.



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- F. No payment will be made prior to approval of any work, nor for any work performed prior to the approval of this contract.
- G. The CONTRACTOR will be reimbursed, as promptly as fiscal procedures will permit upon receipt by the COUNTY'S Finance Division of an itemized invoice. Invoices shall be submitted no later than 30 calendar days after the performance of work for which the CONTRACTOR is billing. Invoices shall detail the work performed on each milestone and each project as applicable. Invoices shall follow the format stipulated for the executed Proposal and shall reference this contract name and the COUNTY'S Project Manager. Final invoice must contain the final cost and all credits due to the COUNTY. The final invoice should be submitted within 60-calendar days after completion of the CONTRACTOR'S work. Invoices shall be mailed to the COUNTY'S Finance Division at the following address:

County of Monterey  
Resource Management Agency  
Department of Public Works  
168 West Alisal Street, 2<sup>nd</sup> Floor  
Salinas, CA 93901  
Attn: Finance Division

- H. The total amount payable by the COUNTY including the fixed fee shall not exceed the amount identified in Section 2 of the County of Monterey Agreement for Professional Services.
- I. Salary increases will be reimbursable if the new salary is within the salary range identified in the executed Proposal and is approved by the COUNTY'S Project Manager.

For personnel subject to prevailing wage rates as described in the California Labor Code, all salary increases which are the direct result of changes in the prevailing wage rates are reimbursable.

- J. All subcontracts in excess of \$25,000 shall contain the above provisions.
- The method of payment for this contract will be based on specific rates of compensation (on-call contracts).**

- A. Specific projects will be assigned to the CONTRACTOR through issuance of Scope of Services.
- B. After a project to be performed under this contract is identified by the COUNTY, the COUNTY will prepare a draft Scope of Services; less the cost estimate. A draft Scope of Services will identify the expected results, project deliverables, period of performance, and project schedule, and will designate a COUNTY Project Coordinator, if different than the Project Manager. The draft Scope of Services will be delivered to the CONTRACTOR for review. The CONTRACTOR shall return a Proposal within ten (10) calendar days along with a Cost Estimate, including a written estimate of the number of hours and hourly rates per staff person, any anticipated reimbursable expenses, overhead, fee if any, and total dollar amount. After agreement on the Proposal has been reached on the negotiable items and total cost; the finalized Proposal shall be signed by both the COUNTY and the CONTRACTOR (hereinafter "executed Proposal").

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- C. The CONTRACTOR will be reimbursed for hours worked at the hourly rates specified in the CONTRACTOR's executed Proposal. The specified hourly rates shall include direct salary costs, employee benefits, overhead, and fee.
- D. In addition, the CONTRACTOR will be reimbursed for incurred direct costs other than salary costs, and other costs that are identified in the executed Proposal.
- E. Reimbursement for transportation and subsistence costs shall not exceed the rates as specified in the Executed Proposal.
- F. When milestone cost estimates are included in the executed Proposal, the CONTRACTOR shall obtain prior written approval for a revised milestone cost estimate from the COUNTY's Project Manager before exceeding such estimate.
- G. Progress payments for each Proposal will be made monthly in arrears based on services provided and actual costs incurred.
- H. The CONTRACTOR shall not commence performance of work or services until this contract has been approved by the COUNTY, and notification to proceed has been issued by the COUNTY's Project Manager. No payment will be made prior to approval or for any work performed prior to approval of this contract.
- I. A Proposal is of no force or effect until returned to the COUNTY and signed by an authorized representative of the COUNTY. No expenditures are authorized on a project and work shall not commence until a Proposal for that project has been executed by the COUNTY.
- J. The CONTRACTOR will be reimbursed, as promptly as fiscal procedures will permit upon receipt by the COUNTY's Finance Division of an itemized invoice. Separate invoices itemizing all costs are required for all work performed under each Proposal. Invoices shall be submitted no later than 30 calendar days after the performance of work for which the CONTRACTOR is billing, or upon completion of the Proposal. Invoices shall detail the work performed on each milestone, on each project as applicable. Invoices shall follow the format stipulated for the executed Proposal and shall reference this contract name and the COUNTY's Project Manager. Credits due to the COUNTY must be reimbursed by the CONTRACTOR prior to the expiration or termination of this contract. Invoices shall be mailed to the COUNTY's Finance Division at the following address:
- County of Monterey  
Resource Management Agency  
Department of Public Works  
168 West Alisal Street, 2<sup>nd</sup> Floor  
Salinas, CA 93901  
Attn: Finance Division
- K. The total amount payable by the COUNTY for an individual executed Proposal shall not exceed the amount agreed to in the executed Proposal, unless authorized by contract amendment.
- L. The total amount payable by the COUNTY for all Proposals resulting from this contract shall not exceed the amount identified in Section 2 of the County of Monterey Agreement for Professional

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Services. It is understood and agreed that there is no guarantee, either expressed or implied that this dollar amount will be authorized under this contract through Scope of Services.

- M. All subcontracts in excess of \$25,000 shall contain the above provisions.
- The method of payment for this contract will be based on lump sum.**
- A. The total lump sum price paid by the CONTRACTOR will include compensation for all work and deliverables, including travel and equipment described in the Statement of Work of this contract. No additional compensation will be paid to the CONTRACTOR, unless there is a change in the scope of the work or the scope of the project. In the instance of a change in the scope of work or scope of the project, adjustment to the total lump sum compensation will be negotiated between the CONTRACTOR and the COUNTY. Adjustment in the total lump sum compensation will not be effective until authorized by contract amendment and approved by the COUNTY.
- B. Progress payments may be made monthly in arrears based on the percentage of work completed by the CONTRACTOR. If CONTRACTOR fails to submit the required deliverable items according to the schedule set forth in the Statement of Work, the COUNTY shall have the right to delay payment and/or terminate this Agreement in accordance with the provisions of Section 7 of the County of Monterey Agreement for Professional Services.
- C. The CONTRACTOR shall not commence performance of work or services until this contract has been approved by the COUNTY and notification to proceed has been issued by the COUNTY'S Project Manager. No payment will be made prior to approval of any work, or for any work performed prior to approval of this contract.
- D. The CONTRACTOR will be reimbursed, as promptly as fiscal procedures will permit, upon receipt by the COUNTY'S Finance Division of an itemized invoice. Invoices shall be submitted no later than 30-calendar days after the performance of work for which the CONTRACTOR is billing. Invoices shall detail the work performed on each milestone, on each project as applicable. Invoices shall follow the format stipulated for the executed Proposal and shall reference this contract name and the COUNTY'S Project Manager. Final invoice must contain the final cost and all credits due the COUNTY. The final invoice should be submitted within 60-calendar days after completion of the CONTRACTOR'S work. Invoices shall be mailed to the COUNTY'S Finance Division at the following address:
- County of Monterey  
Resource Management Agency  
Department of Public Works  
168 West Alisal Street, 2<sup>nd</sup> Floor  
Salinas, CA 93901  
Attn: Finance Division
- E. The total amount payable by the COUNTY shall not exceed the amount identified in Section 2 of the County of Monterey Agreement for Professional Services.
- F. All subcontracts in excess of \$25,000 shall contain the above provisions.

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### **ARTICLE IV CHANGE IN TERMS**

- A. The CONTRACTOR shall only commence work covered by an amendment after the amendment is executed and notification to proceed has been provided by the COUNTY's Project Manager.
- B. There shall be no change in the CONTRACTOR's Project Manager or members of the project team, as listed in the executed Proposal, which is a part of this contract without prior written approval by the COUNTY's Project Manager.

### **ARTICLE V COST PRINCIPLES**

- A. The CONTRACTOR agrees that the Contract Cost Principals and Procedures, 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31.000 et seq., shall be used to determine the allowability of cost individual items.
- B. The CONTRACTOR also agrees to comply with federal procedures in accordance with 49 CFR, Part 18, Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments.
- C. Any costs for which payment has been made to CONTRACTOR that are determined by subsequent audit to be unallowable under 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31.000 et seq., are subject to repayment by CONTRACTOR to the COUNTY.

### **ARTICLE VI CONTINGENT FEE**

The CONTRACTOR warrants, by execution of this contract, that no person or selling agency has been employed, or retained, to solicit or secure this contract upon an agreement or understanding, for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees, or bona fide established commercial or selling agencies maintained by the CONTRACTOR for the purpose of securing business. For breach or violation of this warranty, the COUNTY has the right to annul this contract without liability; pay only for the value of the work actually performed, or in its discretion to deduct from the contract price or consideration, or otherwise recover the full amount of such commission, percentage, brokerage, or contingent fee.

### **ARTICLE VII RETENTION OF RECORDS**

For the purpose of determining compliance with Public Contract Code 10115, et seq. and Title 21, California Code of Regulations, Chapter 21, Section 2500 et seq., when applicable and other matters connected with the performance of the contract pursuant to Government Code 8546.7; the CONTRACTOR, subcontractors, and the COUNTY shall maintain all books, documents, papers, accounting records, and other evidence pertaining to the performance of the contract, including but not limited to the costs of administering the contract. All parties shall make such materials available at their respective offices at all reasonable times during the contract period and for three years from the date of final payment under the contract. The state, the State Auditor, the COUNTY, FHWA, or any duly authorized representative of the federal government shall have access to any books, records, and documents of the CONTRACTOR that are pertinent to the contract for audit, examinations, excerpts, and transactions, and copies thereof shall be furnished if requested.

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Subcontracts in excess of \$25,000 shall contain this provision.

**ARTICLE VIII DISPUTES**

- A. Any dispute, other than audit, concerning a question of fact arising under this contract that is not disposed of by agreement shall be decided by the COUNTY's Director of Public Works, who may consider written or verbal information submitted by the CONTRACTOR.
- B. Not later than 30 days after completion of all deliverables necessary to complete the plans, specifications and estimate, the CONTRACTOR may request review by the COUNTY Board of Supervisors of unresolved claims or disputes, other than audit. The request for review will be submitted in writing.
- C. Neither the pendency of a dispute, nor its consideration by the committee will excuse the CONTRACTOR from full and timely performance in accordance with the terms of this contract.

**ARTICLE IX SUBCONTRACTING**

- A. The CONTRACTOR shall perform the work contemplated with resources available within its own organization; and no portion of the work pertinent to this contract shall be subcontracted without written authorization by the COUNTY's Project Manager, except that, which is expressly identified in the Executed Proposal.
- B. Any subcontract in excess of \$25,000 entered into as a result of this contract, shall contain all the provisions stipulated in this contract to be applicable to subcontractors.
- C. Any substitution of subcontractors must be approved in writing by the COUNTY's Project Manager.

**ARTICLE X INSPECTION OF WORK**

The CONTRACTOR and any subcontractors shall permit the COUNTY, the State and the FHWA, if Federal participating funds are used in this contract, to review and inspect the project activities at all reasonable times during the performance period of this contract including review and inspection on a daily basis.

**ARTICLE XI SAFETY**

- A. The CONTRACTOR shall comply with OSHA regulations applicable to CONTRACTOR regarding necessary safety equipment or procedures. The CONTRACTOR shall comply with safety instructions issued by the COUNTY Safety Officer and other COUNTY representatives. CONTRACTOR personnel shall wear hard hats and safety vests at all times while working on the construction project site.
- B. Pursuant to the authority contained in Section 591 of the Vehicle Code, the COUNTY has determined that within such areas as are within the limits of the project and are open to public traffic, the CONTRACTOR shall comply with all of the requirements set forth in Divisions 11, 12, 13, 14, and 15 of the Vehicle Code. The CONTRACTOR shall take all reasonably necessary precautions for safe operation of its vehicles and the protection of the traveling public from

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injury and damage from such vehicles.

- C. Any subcontract, entered into as a result of this contract, shall contain all of the provisions of this Article.

**ARTICLE XII OWNERSHIP OF DATA**

- A. Ownership and title to all documents, including but not limited to reports, estimates, tracings, plans, specifications, and maps, prepared, or obtained under the terms of the agreement are automatically vested in the COUNTY. Such documents are to be delivered to and become the property of the COUNTY; no further agreement will be necessary to transfer ownership to the COUNTY.
- B. Basic survey notes and sketches, charts, computations, and other data prepared or obtained under the terms of the agreement shall be made available upon request to the COUNTY without restriction or limitation on their use.
- C. Applicable patent rights provisions described in 41 CFR 1-9.1 regarding rights to inventions apply to this agreement as appropriate.
- D. Any subcontract in excess of \$25,000 entered into as a result of this contract, shall contain all of the provisions of this Article.

**ARTICLE XIII DEBARMENT AND SUSPENSION CERTIFICATION**

- A. The CONTRACTOR's signature affixed herein on this contract, shall constitute a certification under penalty of perjury under the laws of the State of California, that the CONTRACTOR has complied with Title 49, Code of Federal Regulations, Part 29, Debarment and Suspension Certificate, which certifies that he/she or any person associated therewith in the capacity of owner, partner, director, officer, or manager, is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency; has not been suspended, debarred, voluntarily excluded, or determined ineligible by any federal agency within the past three (3) years; does not have a proposed debarment pending; and has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past three (3) years. Any exceptions to this certification must be disclosed to the COUNTY.
- B. Exceptions will not necessarily result in denial of recommendation for award, but will be considered in determining CONTRACTOR responsibility. Disclosures must indicate to whom exceptions apply, initiating agency, and dates of action.

**ARTICLE XIV STATE PREVAILING WAGE RATES**

- A. The CONTRACTOR shall comply with the State of California's General Prevailing Wage Rate requirements in accordance with California Labor Code, Section 1775; and all Federal, State, and local laws and ordinances applicable to the work.
- B. Any subcontract entered into as a result of this contract, if for more than \$25,000 for public works construction or more than \$15,000 for the alteration, demolition, repair or maintenance of

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public works, shall contain all of the provisions of this Article.

**ARTICLE XV PROHIBITION OF EXPENDING COUNTY STATE OR FEDERAL FUNDS  
FOR LOBBYING**

This article applies to all contracts where federal funding will exceed \$100,000.

- A. The CONTRACTOR certifies by signing this contract, to the best of his or her knowledge and belief, that:
1. No State, Federal or County appropriated funds have been paid or will be paid, by or on behalf of the CONTRACTOR, to any person for influencing or attempting to influence an officer or employee of any State or Federal agency, a Member of the State Legislature or United States Congress, an officer or employee of the Legislature or Congress, or any employee of a Member of the Legislature or Congress in connection with the awarding of any State or Federal contract, the making of any State or Federal grant, the making of any State or Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any State or Federal contract, grant, loan, or cooperative agreement.
  2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the CONTRACTOR shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- B. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.
- C. The CONTRACTOR also agrees by signing this document that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000, and that all such sub-recipients shall certify and disclose accordingly.

**ARTICLE XVI DBE PROVISIONS**

The COUNTY has established a DBE goal for this Agreement of 6 %.

OR

The COUNTY has not established a DBE goal for this Agreement. However, proposers are encouraged to obtain DBE participation for this Agreement.

**1. TERMS AS USED IN THIS DOCUMENT**

- The term "Disadvantaged Business Enterprise" or "DBE" means a for-profit small business concern owned and controlled by a socially and economically disadvantaged person(s) as defined in Title 49, Part 26.5, Code of Federal Regulations (CFR).
- The term "Agreement" also means "Contract."

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- The term “bidder” also means “proposer.”
- Agency also means the local entity entering into this contract with the Contractor or Consultant.
- The term “Small Business” or “SB” is as defined in 49 CFR 26.65.

### 2. AUTHORITY AND RESPONSIBILITY

- A. DBEs and other small businesses are strongly encouraged to participate in the performance of Agreements financed in whole or in part with federal funds (See 49 CFR 26, “Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs”). The CONTRACTOR should ensure that DBEs and other small businesses have the opportunity to participate in the performance of the work that is the subject of this solicitation and should take all necessary and reasonable steps for this assurance. The bidder/proposer shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of subcontracts.
- B. Proposers are encouraged to use services offered by financial institutions owned and controlled by DBEs.

### 3. SUBMISSION OF DBE INFORMATION

If there is a DBE goal on the contract, a “Local Agency Bidder/Proposer DBE Commitment (Consultant Contract)” (Exhibit 10-O1) form shall be included in the Request for Proposal. In order for a proposer to be considered responsible and responsive, the proposer must make good faith efforts to meet the goal established for the contract. If the goal is not met, the proposer must document adequate good faith efforts. All DBE participation shall be collected and reported.

A “Local Agency Proposer DBE Information (Consultant Contract)” (Exhibit 10-O2) form shall be completed and submitted with the executed contract. The purpose of the form is to collect all DBE commitment data required under 49 CFR 26. For contracts with no goals, this form collects information on all DBEs. Even if no DBE participation will be reported, the successful bidder must execute and return the form.

### 4. DBE PARTICIPATION GENERAL INFORMATION

It is the proposer’s responsibility to be fully informed regarding the requirements of 49 CFR, Part 26, and the Department’s DBE program developed pursuant to the regulations. Particular attention is directed to the following:

- A. A DBE must be a small business firm defined pursuant to 13 CFR 121 and be certified through the California Unified Certification Program (CUCP).
- B. A certified DBE may participate as a prime consultant, subconsultant, subcontractor, joint venture partner, as a vendor of material or supplies, or as a trucking company.
- C. A DBE bidder, not bidding as a joint venture with a non-DBE, will be required to document one or a combination of the following:



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1. The proposer is a DBE and will meet the goal by performing work with its own forces.
  2. The proposer will meet the goal through work performed by DBE subconsultants, subconsultants, suppliers or trucking companies.
  3. The proposer made adequate good faith efforts to meet the goal.
- D. A DBE joint venture partner must be responsible for specific contract items of work or clearly defined portions thereof. Responsibility means actually performing, managing and supervising the work with its own forces. The DBE joint venture partner must share in the capital contribution, control, management, risks and profits of the joint venture commensurate with its ownership interest.
- E. A DBE must perform a commercially useful function pursuant to 49 CFR 26.55; that is, a DBE firm must be responsible for the execution of a distinct element of the work and must carry out its responsibility by actually performing, managing and supervising the work.
- F. The prime consultant shall list only one subconsultant for each portion of work as defined in their proposal and all DBE subconsultants should be listed in the cost proposal list of subconsultants.
- G. A prime consultant who is a certified DBE is eligible to claim all of the work in the Agreement toward the DBE participation except that portion of the work to be performed by non-DBE subconsultants.

5. **RESOURCES**

- A. The CUCP database includes the certified DBEs from all certifying agencies participating in the CUCP. If you believe a firm is certified that cannot be located on the database, please contact the Caltrans Office of Certification.
- B. Access the CUCP database from the Department of Transportation, Civil Rights, Business Enterprise Program website at: <http://www.dot.ca.gov/hq/bep/>.
- Click on the link titled DBE SEARCH Click Here
  - Click on Click To Access DBE Query Form. DBE Query Form Instructions/Tutorial can also be downloaded from this page
  - Searches can be performed by one or more criteria
  - Follow instructions on the screen
  - “Start Search (Export options: CSV | Excel | XML | PDF)” links are located at the bottom of the query form
- C. How to Obtain a List of Certified DBEs without Internet Access:  
DBE Directory - If you do not have Internet access, Caltrans also publishes a directory of certified DBE firms extracted from the online database. A copy of the directory of certified DBEs may be ordered from the Caltrans Publications Unit at (916) 263-0822, 1900 Royal Oaks Drive, Sacramento, CA 95815-3800.

6. **MATERIALS OR SUPPLIES PURCHASED FROM DBES COUNT TOWARDS DBE CREDIT UNDER THE FOLLOWING CONDITIONS:**

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- A. If the materials or supplies are obtained from a DBE manufacturer, count one hundred percent of the cost of the materials or supplies. A DBE manufacturer is a firm that operates or maintains a factory, or establishment that produces on the premises, the materials, supplies, articles, or equipment required under the Agreement and of the general character described by the specifications.
  - B. If the materials or supplies purchased from a DBE regular dealer, count sixty percent of the cost of the materials or supplies. A DBE regular dealer is a firm that owns, operates or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications and required under the Agreement are bought, kept in stock, and regularly sold or leased to the public in the usual course of business. To be a DBE regular dealer, the firm must be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question. A person may be a DBE regular dealer in such bulk items as petroleum products, steel, cement, gravel, stone or asphalt without owning, operating or maintaining a place of business provided in this section.
  - C. If the person both owns and operates distribution equipment for the products, any supplementing of regular dealers' own distribution equipment shall be by a long-term lease agreement and not an ad hoc or Agreement-by-Agreement basis. Packagers, brokers, manufacturers' representatives, or other persons who arrange or expedite transactions are not DBE regular dealers within the meaning of this section.
  - D. Materials or supplies purchased from a DBE, which is neither a manufacturer nor a regular dealer, will be limited to the entire amount of fees or commissions charged for assistance in the procurement of the materials and supplies, or fees or transportation charges for the delivery of materials or supplies required on the job site, provided the fees are reasonable and not excessive as compared with fees charged for similar services.
7. FOR DBE TRUCKING COMPANIES: CREDIT FOR DBES WILL COUNT TOWARDS DBE GOAL, UNDER THE FOLLOWING CONDITIONS:
- A. The DBE must be responsible for the management and supervision of the entire trucking operation for which it is responsible on a particular Agreement, and there cannot be a contrived arrangement for the purpose of meeting the DBE goal.
  - B. The DBE must itself own and operate at least one fully licensed, insured, and operational truck used on the Agreement.
  - C. The DBE receives credit for the total value of the transportation services it provides on the Agreement using trucks it owns, insures, and operates using drivers it employs.
  - D. The DBE may lease trucks from another DBE firm including an owner-operator who is certified as a DBE. A DBE who leases trucks from another DBE receives credit for the total value of the transportation services the lessee DBE provides on the Agreement.
  - E. The DBE may also lease trucks from a non-DBE firm, including an owner-operator. A DBE who leases trucks from a non-DBE is entitled to credit only for the fee or

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commission it receives as a result of the lease arrangement. A DBE does not receive credit for the total value of the transportation services provided by the lessee, since these services are not provided by the DBE.

- F. For the purposes of this Section D, a lease must indicate that the DBE has exclusive use and control over the truck. This does not preclude the leased truck from working for others during the term of the lease with the consent of the DBE, as long as the lease gives the DBE absolute priority for use of the leased truck. Leased trucks must display the name and identification number of the DBE.

### ARTICLE XVII SUBCONTRACTOR/DBE PARTICIPATION

#### 1. Subcontractors

- A. Nothing contained in this Agreement or otherwise, shall create any contractual relation between the COUNTY and any subcontractors, and no subcontract shall relieve the CONTRACTOR of his/her responsibilities and obligations hereunder. The CONTRACTOR agrees to be as fully responsible to the COUNTY for the acts and omissions of its subcontractors and of persons either directly or indirectly employed by any of them as it is for the acts and omissions of persons directly employed by the CONTRACTOR. The CONTRACTOR's obligation to pay its subcontractors is an independent obligation from the COUNTY's obligation to make payments to the CONTRACTOR.
- B. Any subcontract in excess of \$25,000, entered into as a result of this Agreement, shall contain all the provisions stipulated in this Agreement to be applicable to subcontractors.
- C. CONTRACTOR shall pay its subcontractors within ten (10) calendar days from receipt of each payment made to the CONTRACTOR by the COUNTY.
- D. Any substitution of subcontractors must be approved in writing by the COUNTY's Project Manager in advance of assigning work to a substitute subcontractor.

#### 2. Disadvantaged Business Enterprise (DBE) Participation

- A. This Agreement is subject to 49 CFR, Part 26 entitled "Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs." Bidders who obtain DBE participation on this contract will assist Caltrans in meeting its federally mandated statewide overall DBE goal.
- B. If the contract has a DBE goal, the CONTRACTOR must meet the DBE goal by using DBEs as subcontractor or document a good faith effort to meet the goal. If a DBE subcontractor is unable to perform, the CONTRACTOR must make a good faith effort to replace him/her with another DBE subcontractor if the goal is not otherwise met. A DBE is a firm meeting the definition of a DBE as specified in 49 CFR.
- C. DBE and other small businesses, as defined in 49 CFR, Part 26 are encouraged to participate in the performance of agreements financed in whole or in part with federal funds. The CONTRACTOR, subrecipient or subcontractor shall not discriminate on the

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basis of race, color, national origin, or sex in the performance of this Agreement. The CONTRACTOR shall carry out applicable requirements of 49 CFR, Part 26 in the award and administration of US DOT- assisted agreements. Failure by the CONTRACTOR to carry out these requirements is a material breach of this Agreement, which may result in the termination of this Agreement or such other remedy as the recipient deems appropriate.

- D. Any subcontract entered into as a result of this Agreement shall contain all of the provisions of this section.
3. Performance of DBE Contractors and other DBE Subcontractors/Suppliers
- A. A DBE performs a commercially useful function when it is responsible for execution of the work of the Agreement and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the DBE must also be responsible with respect to materials and supplies used on the Agreement, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself. To determine whether a DBE is performing a commercially useful function, evaluate the amount of work subcontracted, industry practices; whether the amount the firm is to be paid under the Agreement is commensurate with the work it is actually performing, and other relevant factors.
  - B. A DBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, Agreement, or project through which funds are passed in order to obtain the appearance of DBE participation. In determining whether a DBE is such an extra participant, examine similar transactions, particularly those in which DBEs do not participate.
  - C. If a DBE does not perform or exercise responsibility for at least thirty percent of the total cost of its Agreement with its own work force, or the DBE subcontracts a greater portion of the work of the Agreement than would be expected on the basis of normal industry practice for the type of work involved, it will be presumed that it is not performing a commercially useful function.
4. Prompt Payment of Funds Withheld to Subcontractors
- A. No retainage will be held by the Agency from progress payments due the prime consultant. Any retainage held by the prime consultant or subconsultants from progress payments due subconsultants shall be promptly paid in full to subconsultants within 30 days after the subconsultant's work is satisfactorily completed. Federal law (49 CFR26.29) requires that any delay or postponement of payment over the 30 days may take place only for good cause and with the Agency's prior written approval. Any violation of this provision shall subject the violating prime consultant or subconsultant to the penalties, sanctions and other remedies specified in Section 7108.5 of the Business and Professions Code. These requirements shall not be construed to limit or impair any contractual, administrative, or judicial remedies, otherwise available to the prime consultant or subconsultant in the event of a dispute involving late payment or nonpayment by the prime consultant, deficient subconsultant performance, or

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noncompliance by a subconsultant. This provision applies to both DBE and non-DBE prime consultant and subconsultants.

- B. Any subcontract entered into as a result of this Agreement shall contain all of the provisions of this section.

5. DBE Records

- A. The CONTRACTOR shall maintain records of materials purchased and/or supplied from all subcontracts entered into with certified DBEs. The records shall show the name and business address of each DBE or vendor and the total dollar amount actually paid each DBE or vendor, regardless of tier. The records shall show the date of payment and the total dollar figure paid to all firms. DBE prime CONTRACTORS shall also show the date of work performed by their own forces along with the corresponding dollar value of the work.
- B. Upon completion of the Agreement, a summary of these records shall be prepared and submitted on the form entitled, "Final Report-Utilization of Disadvantaged Business Enterprises (DBE) First-Tier Subcontractors," CEM-2402F (Exhibit 17-F in Chapter 17 of the LAPM), certified correct by the CONTRACTOR or the CONTRACTOR's authorized representative and shall be furnished to the Project Manager with the final invoice. Failure to provide the summary of DBE payments with the final invoice will result in twenty-five percent (25%) of the dollar value of the invoice being withheld from payment until the form is submitted. The amount will be returned to the CONTRACTOR when a satisfactory "Final Report Utilization of Disadvantaged Business Enterprises (DBE) First-Tier Subcontractors" is submitted to the Project Manager.

6. DBE Certification and De-certification Status

If a DBE subcontractor is decertified during the life of the Agreement, the decertified subcontractor shall notify the CONTRACTOR in writing with the date of de-certification. If a subcontractor becomes a certified DBE during the life of the Agreement, the subcontractor shall notify the CONTRACTOR in writing with the date of certification. Any changes should be reported to the COUNTY's Project Manager within 30 days.

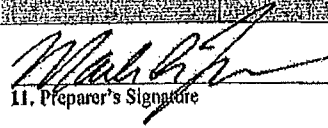
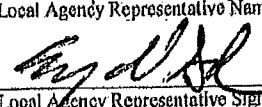
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TRC Engineers, Inc.  
Hartnell Rd. Bridge Repl.  
RMA -- Public Works

**EXHIBIT 10-01: LOCAL AGENCY CONSULTANT DBE COMMITMENT**

(Inclusive of all DBEs at time of proposal)

NOTE: Please refer to instructions on the reverse side of this form.

Consultant to Complete this Section			
1. Local Agency Name: <u>County of Monterey</u>			
2. Project Location: <u>On Hartnell Road at Alisal Creek</u>			
3. Project Description: <u>Replace two-lane bridge with two-lane bridge</u>			
4. Consultant Name: <u>TRC Engineers, Inc.</u>			
5. Contract DBE Goal %: <u>6</u>			
DBE Commitment Information			
6. Description of Services to be Provided	7. DBE Firm Contact Information	8. DBE Cert. Number	9. DBE %
Hydrology/Hydraulics	WRECO (925) 941-0017 1243 Alpine Road, Suite 108 Walnut Creek, CA 94596	30066	0.70%
Geotechnical	Parikh Consultants (408) 452-9000 2360 Oums Drive, Suite A San Jose, CA 95131	20259	8.29%
Local Agency to Complete this Section		10. Total % Claimed	11.90%
16. Local Agency Contract Number: _____			
17. Federal-aid Project Number: <u>BRILO 5944(103)</u>			
18. Proposed Contract Execution Date: _____			
Local Agency certifies that all DBE certifications are valid and the information on this form is complete and accurate:		 11. Preparer's Signature	
<u>Enrique Saavedra, P.E.</u>		<u>Mark A. Imbriani</u>	
19. Local Agency Representative Name (Print)		12. Preparer's Name (Print)	
		Vice President	
20. Local Agency Representative Signature		13. Preparer's Title	
<u>Senior Civil Engineer</u>		11/18/14	
22. Local Agency Representative Title		14. Date	
<u>(831) 755-8970</u>		(916) 366-0632	
23. (Area Code) Tel. No.		15. (Area Code) Tel. No.	

Distribution: (1) Original -- Consultant submits to local agency with proposal  
(2) Copy -- Local Agency files

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**INSTRUCTIONS - LOCAL AGENCY CONSULTANT DBE COMMITMENT**

**Consultant Section**

*The Consultant shall:*

1. **Local Agency Name** - Enter the name of the local or regional agency that is funding the contract.
2. **Project Location** - Enter the project location as it appears on the project advertisement.
3. **Project Description** - Enter the project description as it appears on the project advertisement (Bridge Rehab, Seismic Rehab, Overlay, Widening, etc.).
4. **Consultant Name** - Enter the consultant's firm name.
5. **Contract DBE Goal %** - Enter the contract DBE goal percentage, as it was reported on the Exhibit 10-I *Notice to Proposers DBE Information* form. See LAPM Chapter 10.
6. **Description of Services to be Provided** - Enter item of work description of services to be provided. Indicate all work to be performed by DBEs including work performed by the prime consultant's own forces, if the prime is a DBE. If 100% of the item is not to be performed or furnished by the DBE, describe the exact portion to be performed or furnished by the DBE. See LAPM Chapter 9 to determine how to count the participation of DBE firms.
7. **DBE Firm Contact Information** - Enter the name and telephone number of all DBE subcontracted consultants. Also, enter the prime consultant's name and telephone number, if the prime is a DBE.
8. **DBE Cert. Number** - Enter the DBEs Certification Identification Number. All DBEs must be certified on the date bids are opened. (DBE subcontracted consultants should notify the prime consultant in writing with the date of the decertification if their status should change during the course of the contract.)
9. **DBE %** - Percent participation of work to be performed or service provided by a DBE. Include the prime consultant if the prime is a DBE. See LAPM Chapter 9 for how to count full/partial participation.
10. **Total % Claimed** - Enter the total DBE participation claimed. If the Total % Claimed is less than item "6. Contract DBE Goal", an adequately documented Good Faith Effort (GFE) is required (see Exhibit 15-H *DBE Information - Good Faith Efforts* of the LAPM).
11. **Preparer's Signature** - The person completing this section of the form for the consultant's firm must sign their name.
12. **Preparer's Name (Print)** - Clearly enter the name of the person signing this section of the form for the consultant.
13. **Preparer's Title** - Enter the position/title of the person signing this section of the form for the consultant.
14. **Date** - Enter the date this section of the form is signed by the preparer.
15. **(Area Code) Tel. No.** - Enter the area code and telephone number of the person signing this section of the form for the consultant.

**Local Agency Section:**

*The Local Agency representative shall:*

16. **Local Agency Contract Number** - Enter the Local Agency Contract Number.
17. **Federal-Aid Project Number** - Enter the Federal-Aid Project Number.
18. **Contract Execution Date** - Enter date the contract was executed and Notice to Proceed issued. See LAPM Chapter 10, page 23.
19. **Local Agency Representative Name (Print)** - Clearly enter the name of the person completing this section.
20. **Local Agency Representative Signature** - The person completing this section of the form for the Local Agency must sign their name to certify that the information in this and the Consultant Section of this form is complete and accurate.
21. **Date** - Enter the date the Local Agency Representative signs the form.
22. **Local Agency Representative Title** - Enter the position/title of the person signing this section of the form.
23. **(Area Code) Tel. No.** - Enter the area code and telephone number of the Local Agency representative signing this section of the form.

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**EXHIBIT 10-O2: LOCAL AGENCY CONSULTANT DBE INFORMATION**

(Inclusive of all DBEs listed at bid proposal)

NOTE: Please refer to instructions on the reverse side of this form.

Consultant to Complete this Section			
1. Local Agency Name: <u>County of Monterey</u>			
2. Project Location: <u>On Hartnell Road at Alisal Creek</u>			
3. Project Description: <u>Replace two-lane bridge with two-lane bridge</u>			
4. Total Contract Award Amount: \$ <u>554,470</u>			
5. Consultant Name: <u>TRC Engineers, Inc.</u>			
6. Contract DBE Goal %: <u>6</u>			
7. Total Dollar Amount for <u>all</u> Subconsultants: \$ <u>226,874</u>			
8. Total Number of <u>all</u> Subconsultants: <u>4</u>			
Award DBE/DBE Information			
9. Description of Services to be Provided	10. DBE/DBE Firm Contact Information	11. DBE Cert. Number	12. DBE Dollar Amount
Hydrology/Hydraulics	WRECO (925) 941-0017 1243 Alpine Road, Suite 108 Walnut Creek, CA 94596	30066	\$ 3,880
Geotechnical	Parikh Consultants (408) 452-9000 2360 Oume Drive, Suite A San Jose, CA 95131	20259	\$ 45,971
Local Agency to Complete this Section		13. Total Dollars Claimed	14. Total % Claimed
20. Local Agency Contract Number: _____		\$ 49,851	8.99%
21. Federal-aid Project Number: <u>BRLO 5944(103)</u>			
22. Contract Execution Date: _____			
Local Agency certifies that all DBE certifications are valid and the information on this form is complete and accurate:			
<u>Enrique Saavedra, P.E.</u>			
23. Local Agency Representative Name (Print)			
<u>[Signature]</u>		25. Date <u>12.10.14</u>	
24. Local Agency Representative Signature		<u>(931) 755-8970</u>	
26. Local Agency Representative Title <u>Senior Civil Engineer</u>		27. (Area Code) Tel. No.	
		15. Preparer's Signature <u>[Signature]</u>	
		16. Preparer's Name (Print) <u>Mark A. Imbriani</u>	
		17. Preparer's Title <u>Vice President</u>	
		18. Date <u>11/18/14</u>	
		19. (Area Code) Tel. No. <u>(916) 366-0632</u>	
Caltrans to Complete this Section			
Caltrans District Local Assistance Engineer (DLAE) certifies that this form has been reviewed for completeness:			
28. DLAE Name (Print)	29. DLAE Signature	30. Date	

- Distribution:** (1) Copy - Email a copy to the Caltrans District Local Assistance Engineer (DLAE) within 30 days of contract award. Failure to send a copy to the DLAE within 30 days of contract award may result in delay of payment.  
(2) Copy - Include in award package sent to Caltrans DLAE  
(3) Original - Local agency files



**EXHIBIT B - FEDERAL PROVISIONS**  
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**INSTRUCTIONS - LOCAL AGENCY CONSULTANT DBE INFORMATION**

**Consultant Section**

*The Consultant shall:*

1. **Local Agency Name** – Enter the name of the local or regional agency that is funding the contract.
2. **Project Location** - Enter the project location as it appears on the project advertisement.
3. **Project Description** - Enter the project description as it appears on the project advertisement (Bridge Rehab, Seismic Rehab, Overlay, Widening, etc).
4. **Total Contract Award Amount** - Enter the total contract award dollar amount for the prime consultant.
5. **Consultant Name** - Enter the consultant's firm name.
6. **Contract DBE Goal %** - Enter the contract DBE goal percentage, as it was reported on the Exhibit 10-I *Notice to Proposers DBE Information* form. See LAPM Chapter 10.
7. **Total Dollar Amount for all Subconsultants** – Enter the total dollar amount for all subcontracted consultants. SUM = (DBE's + all Non-DBE's). Do **not** include the prime consultant information in this count.
8. **Total number of all subconsultants** – Enter the total number of all subcontracted consultants. SUM = (DBE's + all Non-DBE's). Do **not** include the prime consultant information in this count.
9. **Description of Services to be Provided** - Enter item of work description of services to be provided. Indicate all work to be performed by DBEs including work performed by the prime consultant's own forces, if the prime is a DBE. If 100% of the item is not to be performed or furnished by the DBE, describe the exact portion to be performed or furnished by the DBE. See LAPM Chapter 9 to determine how to count the participation of DBE firms.
10. **DBE Firm Contact Information** - Enter the name and telephone number of all DBE subcontracted consultants. Also, enter the prime consultant's name and telephone number, if the prime is a DBE.
11. **DBE Cert. Number** - Enter the DBE's Certification Identification Number. All DBEs must be certified on the date bids are opened. (DBE subcontracted consultants should notify the prime consultant in writing with the date of the decertification if their status should change during the course of the contract.)
12. **DBE Dollar Amount** - Enter the subcontracted dollar amount of the work to be performed or service to be provided. Include the prime consultant if the prime is a DBE, and include DBEs that are not identified as subconsultants on the Exhibit 10-O1 *Consultant Proposal DBE Commitment* form. See LAPM Chapter 9 for how to count full/partial participation.
13. **Total Dollars Claimed** – Enter the total dollar amounts for column 13.
14. **Total % Claimed** – Enter the total DBE participation claimed for column 13. SUM = (item "14. Total Participation Dollars Claimed" divided by item "4. Total Contract Award Amount"). If the Total % Claimed is less than item "6. Contract DBE Goal", an adequately documented Good Faith Effort (GFE) is required (see Exhibit 15-H *DBE Information - Good Faith Efforts* of the LAPM).
15. **Preparer's Signature** – The person completing this section of the form for the consultant's firm must sign their name.
16. **Preparer's Name (Print)** – Clearly enter the name of the person signing this section of the form for the consultant.
17. **Preparer's Title** - Enter the position/title of the person signing this section of the form for the consultant.
18. **Date** - Enter the date this section of the form is signed by the preparer.
19. **(Area Code) Tel. No.** - Enter the area code and telephone number of the person signing this section of the form for the consultant.

**Local Agency Section:**

*The Local Agency representative shall:*

20. **Local Agency Contract Number** - Enter the Local Agency Contract Number.
21. **Federal-Aid Project Number** - Enter the Federal-Aid Project Number.
22. **Contract Execution Date** - Enter the date the contract was executed and Notice to Proceed issued. See LAPM Chapter 10, page 23.
23. **Local Agency Representative Name (Print)** - Clearly enter the name of the person completing this section.
24. **Local Agency Representative Signature** - The person completing this section of the form for the Local Agency must sign their name to certify that the information in this and the Consultant Section of this form is complete and accurate.
25. **Date** - Enter the date the Local Agency Representative signs the form.
26. **Local Agency Representative Title** - Enter the position/title of the person signing this section of the form.
27. **(Area Code) Tel. No.** - Enter the area code and telephone number of the Local Agency representative signing this section of the form.

**Caltrans Section:**

*Caltrans District Local Assistance Engineer (DLAE) shall:*

28. **DLAE Name (Print)** – Clearly enter the name of the DLAE.
29. **DLAE Signature** – DLAE must sign this section of the form to certify that it has been reviewed for completeness.
30. **Date** - Enter the date that the DLAE signs this section the form.

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**EXHIBIT 15-H DBE INFORMATION — GOOD FAITH EFFORTS**

Federal-aid Project No. BRLO-5944(103) Bid Opening Date July 24, 2014

The County of Monterey established a Disadvantaged Business Enterprise (DBE) goal of 6% for this project. The information provided herein shows that a good faith effort was made.

Lowest, second lowest and third lowest bidders shall submit the following information to document adequate good faith efforts. Bidders should submit the following information even if the "Local Agency Bidder DBE Commitment" form indicates that the bidder has met the DBE goal. This will protect the bidder's eligibility for award of the contract if the administering agency determines that the bidder failed to meet the goal for various reasons, e.g., a DBE firm was not certified at bid opening, or the bidder made a mathematical error.

Submittal of only the "Local Agency Bidder DBE Commitment" form may not provide sufficient documentation to demonstrate that adequate good faith efforts were made.

The following items are listed in the Section entitled "Submission of DBE Commitment" of the Special Provisions:

- A. The names and dates of each publication in which a request for DBE participation for this project was placed by the bidder (please attach copies of advertisements or proofs of publication):

Publications	Dates of Advertisement
	<u>N/A</u>

- B. The names and dates of written notices sent to certified DBEs soliciting bids for this project and the dates and methods used for following up initial solicitations to determine with certainty whether the DBEs were interested (please attach copies of solicitations, telephone records, fax confirmations, etc.):

Names of DBEs Solicited	Date of Initial Solicitation	Follow Up Methods and Dates
	<u>N/A</u>	

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- C. The items of work which the bidder made available to DBE firms including, where appropriate, any breaking down of the contract work items (including those items normally performed by the bidder with its own forces) into economically feasible units to facilitate DBE participation. It is the bidder's responsibility to demonstrate that sufficient work to facilitate DBE participation was made available to DBE firms.

Items of Work	Bidder Normally Performs Item (Y/N)	Breakdown of Items	Amount (\$)	Percentage of Contract
	N/A			

- D. The names, addresses and phone numbers of rejected DBE firms, the reasons for the bidder's rejection of the DBEs, the firms selected for that work (please attach copies of quotes from the firms involved), and the price difference for each DBE if the selected firm is not a DBE:

Names, addresses and phone numbers of rejected DBEs and the reasons for the bidder's rejection of the DBEs:

N/A

Names, addresses and phone numbers of firms selected for the work above:

N/A

- E. Efforts made to assist interested DBEs in obtaining bonding, lines of credit or insurance, and any technical assistance or information related to the plans, specifications and requirements for the work which was provided to DBEs:

N/A

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- F. Efforts made to assist interested DBEs in obtaining necessary equipment, supplies, materials or related assistance or services, excluding supplies and equipment the DBE subcontractor purchases or leases from the prime contractor or its affiliate:

N/A

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- G. The names of agencies, organizations or groups contacted to provide assistance in contacting, recruiting and using DBE firms (please attach copies of requests to agencies and any responses received, i.e., lists, Internet page download, etc.):

Name of Agency/Organization	Method/Date of Contact	Results
	N/A	

- H. Any additional data to support a demonstration of good faith efforts (use additional sheets if necessary):

N/A

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**NOTE: USE ADDITIONAL SHEETS OF PAPER IF NECESSARY.**

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CERTIFICATION OF LOCAL AGENCY

I HEREBY CERTIFY that I am the Assistant Engineer of the RMA - Monterey County, and that the consulting firm of TRC Engineers, Inc., or its representative has not been required (except as herein expressly stated), directly or indirectly, as an express or implied condition in connection with obtaining or carrying out this Agreement to:

- (a) employ, retain, agree to employ or retain, any firm or person, or
- (b) pay or agree to pay, to any firm, person or organization, any fee, contribution, donation, or consideration of any kind.

I acknowledge that this Certificate is to be made available to the California Department of Transportation (Caltrans) in connection with this Agreement involving participation of federal-aid highway funds, and is subject to applicable state and federal laws, both criminal and civil.

Dec. 18, 2014  
(Date)

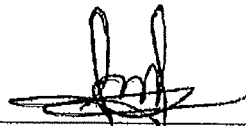
  
\_\_\_\_\_  
(Signature)

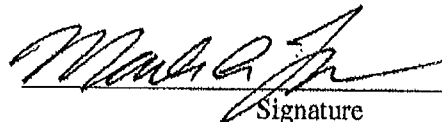
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CERTIFICATION OF CONSULTANT, COMMISSIONS & FEES

I HEREBY CERTIFY that I am the VICE PRESIDENT, and duly authorized representative of the firm of TRC ENGINEERS, INC., whose address is 10600 WHITE ROCK RD. STE 100 RANCHO CORDOVA, CA, and that, except as hereby expressly stated, neither I nor the above firm that I represent have:

- (a) employed or retained for a commission, percentage, brokerage, contingent fee, or other consideration, any firm or person (other than a bona fide employee working solely for me or the above consultant) to solicit or secure this agreement; nor
- (b) agreed, as an express or implied condition for obtaining this contract, to employ or retain the services of any firm or person in connection with carrying out the agreement; nor
- (c) paid, or agreed to pay, to any firm, organization or person (other than a bona fide employee working solely for me or the above consultant) any fee, contribution, donation, or consideration of any kind, for or in connection with, procuring or carrying out this agreement.

I acknowledge that this Certificate is to be made available to the California Department of Transportation (Caltrans) in connection with this agreement involving participation of Federal-aid Highway funds, and is subject to applicable state and federal laws, both criminal and civil.

12/17/14  
Date

  
Signature

**EXHIBIT C – INCORPORATION OF RFQ #10490 AND  
STATEMENT OF QUALIFICATIONS DOCUMENTS**

The County invited submittals to Request for Qualifications (RFQ) through RFQ #10490 to provide bridge design services on an “on-call” basis for bridge projects over \$100,000 located in Monterey County, California. TRC Engineers, Inc. submitted a responsive and responsible Statement of Qualifications to perform the services listed in RFQ #10490.

RFQ #10490 and the Statement of Qualifications submitted by TRC Engineers, Inc. are hereby incorporated into the Agreement by this reference.