

**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:

Earth Systems Pacific

(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 on-call geotechnical engineering services for projects located in Monterey County

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 \$ 300,000.

3. **TERM OF AGREEMENT.** The term of this Agreement is from 1/24/2017 to 1/23/2020, 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 CALTRANS Local Assistance Procedures Manual
- Exhibit C** Incorporation of Request for Qualifications (RFQ) #1701 and Statement of Qualification 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:

12/23/16

12/23/16

12/23/16

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12/23/16

12/23/16

9.04

**PSA over \$100,000 For
Surveyors, Architects, Engineers & Design Professionals
Revised 09/30/08**

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	George Barnett, PE, GE, Senior Vice President
Name and Title	Name and Title
County of Monterey, Resource Management Agency 168 West Alisal Street, 2nd Floor Salinas, CA 93901	Earth Systems Pacific 1514 Moffat Street, Suite G Salinas, CA 93906
Address	Address
(831) 755-8966	(831) 422-8547
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

By: 
Deandra Lewelling, MBA
Purchasing Officer
County of Monterey

Date: 2-2-17

By: _____
Department Head (if applicable)

Date: _____

By: _____
Board of Supervisors (if applicable)

Date: _____

Approved as to Form:

By: 
County Counsel

Date: 1-9-17

Approved as to Fiscal Provisions²

By: 
Auditor/Controller

Date: 1-9-17

Approved as to Liability Provisions³

By: _____
Risk Management

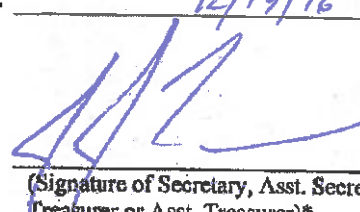
Date: _____

CONTRACTOR

Earth Systems Pacific
Contractor's Business Name*

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

George Barnett Sr. V.P.
Name and Title
Date: 12/19/16

By: 
(Signature of Secretary, Asst. Secretary, CFO, Treasurer or Asst. Treasurer)*
TEROL BROWN, CFO
Name and Title

Date: 12/23/16

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.

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

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

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

EXHIBIT A- SCOPE OF SERVICES/PAYMENT PROVISIONS

**To Agreement by and between
County of Monterey, hereinafter referred to as "County"
and
Earth Systems Pacific, hereinafter referred to as "CONTRACTOR"**

A. SCOPE OF SERVICES

A.1 CONTRACTOR shall provide services and staff, and otherwise do all things necessary for or incidental to the performance of work, as set forth below:

CONTRACTOR shall provide on-call geotechnical engineering services for transportation projects in Monterey County. The geotechnical engineering services shall include, but are not limited to the following services and requirements:

Individual projects may include the following work:

Design

Roadway pavement analysis/recommendation/design

1. Earth retaining structure and slope analysis/recommendation/design
2. Structure foundation analysis

Recommendation for foundation design, seismic considerations, liquefaction potential, Acceleration Response Spectra (ARS) curve, etc.

3. Field exploration

Drilling, boring, and laboratory testing of core samples

Provide traffic control (as necessary) to perform exploration

4. Preparation of reports

Foundation reports, pavement evaluations, slope/earth retaining structures evaluations, log of test borings, etc.

Construction Inspection

1. Material testing
2. Portland cement concrete, aggregates, asphalt products, fill material, weld testing/inspection, x-ray, compaction tests

Provide on-site laboratory testing

Support

1. Provide bidding assistance
2. Provide design support during construction

EXHIBIT A- SCOPE OF SERVICES/PAYMENT PROVISIONS

- A.2** CONTRACTOR shall have extensive experience and knowledge of, not limited to, American Society for Testing and Materials (ASTM), California Test Methods (CTM), California Department of Transportation (Caltrans) design standards, Federal Highway Administration (FHWA) programs, and Caltrans Local Assistance Procedures Manual and Program Guidelines (LAPM & LAPG).

CONTRACTOR shall be a licensed Geotechnical Engineer or Certified Engineering Geologist in the State of California.

CONTRACTOR'S project manager shall have a minimum of five (5) years, and knowledge of civil engineering principles and practices and site improvements design requirements.

- A.3** CONTRACTOR shall advocate for the County and ensure the professional services and products of services are in the best interest of the County. The CONTRACTOR shall deliver products on or ahead of required schedule and within proposed budget.

All work shall be performed in conformance with all applicable County, State, and federal laws, including but not limited to County Standards, State Standard Plans & Specifications, Manual on Uniform Traffic Control Devices (MUTCD), and the Americans with Disabilities Act (ADA) of 1990, as may be revised and amended from time to time.

B. PAYMENT PROVISIONS

B.1 COMPENSATION/ PAYMENT

County shall pay an amount not to exceed \$300,000 for the performance of all things necessary for or incidental to the performance of work as set forth in the Scope of Services. CONTRACTOR'S compensation for services rendered shall be in accordance with the following terms:

See Exhibit 10-H of the Cal Trans Local Assistance Procedures Manual included in Exhibit B – Federal Provisions.

Services shall be provided on an on-call basis. The County will contact the CONTRACTOR with regards to an individual project. CONTRACTOR shall then submit a detailed proposal that shall include at minimum assigned CONTRACTOR staff, relevant task, deliverables, schedule, and cost. Cost shall be submitted in a separate sealed envelope.

The exact scope for professional engineering services will be determined prior to a notice to proceed for a specific task and/or project. The County may negotiate

EXHIBIT A- SCOPE OF SERVICES/PAYMENT PROVISIONS

the scope and cost of the proposal prior to issuance of the notice to proceed. The County has the right to reject any submitted proposal.

County and CONTRACTOR agree that CONTRACTOR shall be reimbursed for travel expenses during this Agreement. CONTRACTOR shall receive compensation for travel expenses as per the "County Travel Policy". A copy of the policy is available online at [https://www.co.monterey.ca.us/auditor/pdfs/County Travel Business Expense Policy 12-5-12.pdf](https://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.

CONTRACTOR warrants that the cost charged for services under the terms of this Agreement are not in excess of those charged any other client for the same services performed by the same individuals.

B.2 CONTRACTOR'S BILLING PROCEDURES

Invoices under this Agreement shall be submitted monthly and promptly, and in accordance with Paragraph 6, Payment Conditions, of the Agreement. All invoices shall reference the Multi-Year Agreement (MYA) number, Project name, and an original hardcopy shall be sent to the following:

County of Monterey
Resource Management Agency (RMA) – Finance Division
168 West Alisal Street, 2nd Floor
Salinas, California 93901

Any questions pertaining to invoices under this Agreement shall be directed to the RMA – Finance Division at (831) 755-4800.

County may, in its sole discretion, terminate the Agreement or withhold payments claimed by CONTRACTOR for services rendered if CONTRACTOR fails to satisfactorily comply with any term or condition of this Agreement.

No payments in advance or in anticipation of services or supplies to be provided under this Agreement shall be made by County.

County shall not pay any claims for payment for services submitted more than twelve (12) months after the calendar month in which the services were completed.

DISALLOWED COSTS: CONTRACTOR is responsible for any audit exceptions or disallowed costs incurred by its own organization or that of its subcontractors.

**EXHIBIT B – FEDERAL PROVISIONS
CALTRANS LOCAL ASSISTANCE PROCEDURES MANUAL**

In compliance with RFQ #1701, If the Project for which the CONTRACTOR is ultimately hired for is funded with Federal Highway Administration (FHWA) funds, the CONTRACTOR will be required to comply with Federal provisions. Federal Provisions, Exhibit B, attached hereto, shall be completed separately for each individual Project by CONTRACTOR and submitted to County for approval prior to County Issuing CONTRACTOR with a Notice to Proceed for the Project.

Completion of Federal Provisions, Exhibit B, is not required for projects not utilizing FHWA funds.

**EXHIBIT B – FEDERAL PROVISIONS
CALTRANS LOCAL ASSISTANCE PROCEDURES MANUAL**

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**EXHIBIT B – FEDERAL PROVISIONS
CALTRANS LOCAL ASSISTANCE PROCEDURES MANUAL**

Article I Contact Information

County Project Manager

Name: Isabelo Dela Merced

Title: Assistant Engineer

Address: 168 W. Alisal St.
Salinas, CA 93901

Telephone Number: 831-755-4746

Contractor Project Manager

Name: George Barnett

Title: GE, Senior Vice President

Address: 1514 Moffat St. Suite G
Salinas, CA 93906

Telephone Number: (408) 440-4542

Article II Terms

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

Article III Contractor's Reports or Meetings

The selected option shall apply to this contract:

☐ Option 1 – For standard contracts:

- A. CONTRACTOR shall submit progress reports at least once a month. The report should be sufficiently detailed for the Contract Administrator to determine, if CONTRACTOR is performing to expectations, or is on schedule; to provide communication of interim findings, and to sufficiently address any difficulties or special problems encountered, so remedies can be developed.
- B. CONTRACTOR's Project Manager shall meet with COUNTY's Contract Administrator, as needed, to discuss progress on the contract.

☒ Option 2 – for on-call contracts:

- A. CONTRACTOR shall submit progress reports on each specific project in accordance with the Task Order. These reports shall be submitted at least once a month. The report should be sufficiently detailed for COUNTY's Contract Administrator or Project Coordinator to determine, if CONTRACTOR is performing to expectations, or is on schedule; to provide communication of interim findings, and to sufficiently address any difficulties or special problems encountered, so remedies can be developed.
- B. CONTRACTOR's Project Manager shall meet with COUNTY's Contract Administrator or Project Coordinator, as needed, to discuss progress on the project(s).

MANDATORY FISCAL AND FEDERAL PROVISIONS

Article IV Performance Period (Verbatim)

- A. This contract shall go into effect on (DATE), contingent upon approval by COUNTY, and CONTRACTOR shall commence work after notification to proceed by COUNTY Contract Administrator. The contract shall end on (DATE), unless extended by contract amendment.

EXHIBIT B – FEDERAL PROVISIONS
CALTRANS LOCAL ASSISTANCE PROCEDURES MANUAL

- B. CONTRACTOR is advised that any recommendation for contract award is not binding on COUNTY until the contract is fully executed and approved by COUNTY.

For on-call contracts, paragraph C below applies, in addition to paragraph A & B above.

- C. The period of performance for each specific project shall be in accordance with the Task Order for that project. If work on a Task Order is in progress on the expiration date of this contract, the terms of the contract shall be extended by contract amendment.

Article V Allowable Costs and Payments (Verbatim)

The selected option shall apply to this contract:

Exhibit 10-H (example #1, #2, & #3) in fillable format can be downloaded at the following website:

<http://www.dot.ca.gov/hq/LocalPrograms/lam/forms/lapmforms.htm>

☐ **Option 1 – Actual Cost-Plus-Fixed Fee (Use Exhibit 10-H Example #1 for Cost Proposal Format)**

- A. The method of payment for this contract will be based on actual cost plus a fixed fee. COUNTY will reimburse CONTRACTOR for actual costs (including labor costs, employee benefits, travel, equipment rental costs, overhead and other direct costs) incurred by CONTRACTOR in performance of the work. 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 approved CONTRACTOR'S Cost Proposal, unless additional reimbursement is provided for by contract amendment. In no event, will CONTRACTOR be reimbursed for overhead costs at a rate that exceeds COUNTY's approved overhead rate set forth in the Cost Proposal. In the event, that COUNTY determines that a change to the work from that specified in the Cost Proposal and contract is required, the contract time or actual costs reimbursable by 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, COUNTY will pay CONTRACTOR a fixed fee of \$(AMOUNT). 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 approved Cost Proposal.
- D. When milestone cost estimates are included in the approved Cost Proposal, CONTRACTOR shall obtain prior written approval for a revised milestone cost estimate from the Contract Administrator 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 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, COUNTY shall have the right to delay payment or terminate this Contract in accordance with the provisions of Article VI Termination.

**EXHIBIT B – FEDERAL PROVISIONS
CALTRANS LOCAL ASSISTANCE PROCEDURES MANUAL**

- F. No payment will be made prior to approval of any work, nor for any work performed prior to approval of this contract.
- G. CONTRACTOR will be reimbursed, as promptly as fiscal procedures will permit upon receipt by COUNTY's Contract Administrator of itemized invoices in triplicate. Invoices shall be submitted no later than 45 calendar days after the performance of work for which 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 approved Cost Proposal and shall reference this contract number and project title. Final invoice must contain the final cost and all credits due COUNTY including any equipment purchased under the provisions of Article XI Equipment Purchase of this contract. The final invoice should be submitted within 60 calendar days after completion of CONTRACTOR's work. Invoices shall be mailed to COUNTY's Contract Administrator at the following address:

County of Monterey
Resource Management Agency – Public Works
168 West Alisal Street, 2nd Floor
Salinas, CA 93901
Attn: Finance Division

- H. The total amount payable by COUNTY including the fixed fee shall not exceed \$(Amount).
- I. Salary increases will be reimbursable if the new salary is within the salary range identified in the approved Cost Proposal and is approved by COUNTY's Contract Administrator.

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.

☐ **Option 2 – Cost per Unit of Work (Use Exhibit 10-H Example #3 for Cost Proposal Format)**

- A. The method of payment for the following items shall be at the rate specified for each item, as described in this Article. The specified rate shall include full compensation to CONTRACTOR for the item as described, including but not limited to, any repairs, maintenance, or insurance, and no further compensation will be allowed therefore.
- B. The specified rate to be paid for vehicle expense for CONTRACTOR's field personnel shall be \$(Amount) per approved Cost Proposal. This rate shall be for a fully equipped vehicle, with radio and flashing yellow light (if needed), as specified in Article II of this contract.

The specified rate to be paid for equipment shall be, as listed in Attachment (Insert Attachment Number).

- C. The method of payment for this contract, except those items to be paid for on a specified rate basis, will be based on cost per unit of work. COUNTY will reimburse CONTRACTOR for actual costs (including labor costs, employee benefits, travel, equipment-rental costs, overhead and

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other direct costs) incurred by CONTRACTOR in performance of the work. 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 approved Cost Proposal, unless additional reimbursement is provided for, by contract amendment. In no event, will CONTRACTOR be reimbursed for overhead costs at a rate that exceeds COUNTY approved overhead rate set forth in the approved Cost Proposal. In the event, COUNTY determines that changed work from that specified in the approved Cost Proposal and contract is required; the actual costs reimbursable by COUNTY may be adjusted by contract amendment to accommodate the changed work. The maximum total cost as specified in Paragraph "I," shall not be exceeded unless authorized by contract amendment.

- D. Reimbursement for transportation and subsistence costs shall not exceed the rates specified in the approved Cost Proposal.
- E. When milestone cost estimates are included in the approved Cost Proposal, CONTRACTOR shall obtain prior written approval for a revised milestone cost estimate from the Contract Administrator before exceeding such cost estimate.
- F. Progress payments will be made monthly in arrears based on services provided and allowable incurred costs. A pro rata portion of 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, COUNTY shall have the right to delay payment or terminate this Contract in accordance with the provisions of Article VI Termination.
- G. No payment will be made prior to approval of any work, nor for any work performed prior to approval of this contract.
- H. CONTRACTOR will be reimbursed, as promptly as fiscal procedures will permit upon receipt by COUNTY's Contract Administrator of itemized invoices in triplicate. Invoices shall be submitted no later than 45 calendar days after the performance of work for which 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 approved Cost Proposal and shall reference this contract number and project title. Final invoice must contain the final cost and all credits due COUNTY including any equipment purchased under the provisions of Article XI Equipment Purchase of this contract. The final invoice should be submitted within 60 calendar days after completion of CONTRACTOR's work. Invoices shall be mailed to COUNTY's Contract Administrator at the following address:

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- I. The total amount payable by COUNTY including the fixed fee shall not exceed \$(Amount).

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- J. Salary increases will be reimbursable if the new salary is within the salary range identified in the approved Cost Proposal and is approved by COUNTY's Contract Administrator.

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.

- K. All subcontracts in excess of \$25,000 shall contain the above provisions.

☒ **Option 3 – Specific Rates of Compensation (Use Exhibit 10-H Example #2 for Cost Proposal Format)**

- A. CONTRACTOR will be reimbursed for hours worked at the hourly rates specified in CONTRACTOR's Cost Proposal (Attachment Number). The specified hourly rates shall include direct salary costs, employee benefits, overhead, and fee. These rates are not adjustable for the performance period set forth in this Contract.
- B. In addition, CONTRACTOR will be reimbursed for incurred (actual) direct costs other than salary costs that are in the cost proposal and identified in the cost proposal and in the executed Task Order.
- C. Specific projects will be assigned to CONTRACTOR through issuance of Task Orders.
- D. After a project to be performed under this contract is identified by COUNTY, COUNTY will prepare a draft Task Order; less the cost estimate. A draft Task Order will identify the scope of services, expected results, project deliverables, period of performance, project schedule and will designate a COUNTY Project Coordinator. The draft Task Order will be delivered to CONTRACTOR for review. CONTRACTOR shall return the draft Task Order 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 has been reached on the negotiable items and total cost; the finalized Task Order shall be signed by both COUNTY and CONTRACTOR.
- E. Task Orders may be negotiated for a lump sum (Firm Fixed Price) or for specific rates of compensation, both of which must be based on the labor and other rates set forth in CONTRACTOR's Cost Proposal.
- F. Reimbursement for transportation and subsistence costs shall not exceed the rates as specified in the approved Cost Proposal.
- G. When milestone cost estimates are included in the approved Cost Proposal, CONTRACTOR shall obtain prior written approval for a revised milestone cost estimate from the Contract Administrator before exceeding such estimate.
- H. Progress payments for each Task Order will be made monthly in arrears based on services provided and actual costs incurred.
- I. CONTRACTOR shall not commence performance of work or services until this contract has been approved by COUNTY, and notification to proceed has been issued by COUNTY'S Contract

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Administrator. No payment will be made prior to approval or for any work performed prior to approval of this contract.

- J. A Task Order is of no force or effect until returned to COUNTY and signed by an authorized representative of COUNTY. No expenditures are authorized on a project and work shall not commence until a Task Order for that project has been executed by COUNTY.
- K. CONTRACTOR will be reimbursed, as promptly as fiscal procedures will permit upon receipt by COUNTY'S Contract Administrator of itemized invoices in triplicate. Separate invoices itemizing all costs are required for all work performed under each Task Order. Invoices shall be submitted no later than 45 calendar days after the performance of work for which CONTRACTOR is billing, or upon completion of the Task Order. Invoices shall detail the work performed on each milestone, on each project as applicable. Invoices shall follow the format stipulated for the approved Cost Proposal and shall reference this contract number, project title and Task Order number. Credits due COUNTY that include any equipment purchased under the provisions of Article XI Equipment Purchase of this contract, must be reimbursed by CONTRACTOR prior to the expiration or termination of this contract. Invoices shall be mailed to COUNTY's Contract Administrator at the following address:

County of Monterey
Resource Management Agency – Public Works
168 West Alisal Street, 2nd Floor
Salinas, California 93901
Attn: Finance Division

- L. The period of performance for Task Orders shall be in accordance with dates specified in the Task Order. No Task Order will be written which extends beyond the expiration date of this Contract.
 - M. The total amount payable by COUNTY for an individual Task Order shall not exceed the amount agreed to in the Task Order, unless authorized by contract amendment.
 - N. If the Contractor fails to satisfactorily complete a deliverable according to the schedule set forth in a Task Order, no payment will be made until the deliverable has been satisfactorily completed.
 - O. Task Orders may not be used to amend this Agreement and may not exceed the scope of work under this Agreement.
 - P. The total amount payable by COUNTY for all Task Orders resulting from this contract shall not exceed \$ (Amount). 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 Task Orders.
 - Q. All subcontracts in excess of \$25,000 shall contain the above provisions.
- ☐ Option 4 – Lump Sum (Use Exhibit 10-H Example #1 for Cost Proposal Format)

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- A. The method of payment for this contract will be based on lump sum. The total lump sum price paid to CONTRACTOR will include compensation for all work and deliverables, including travel and equipment described in Article II Statement of Work of this contract. No additional compensation will be paid to 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 CONTRACTOR and COUNTY. Adjustment in the total lump sum compensation will not be effective until authorized by contract amendment and approved by COUNTY.
- B. Progress payments may be made monthly in arrears based on the percentage of work completed by CONTRACTOR. If CONTRACTOR fails to submit the required deliverable items according to the schedule set forth in the Statement of Work, COUNTY shall have the right to delay payment or terminate this Contract in accordance with the provisions of Article VI Termination.
- C. CONTRACTOR shall not commence performance of work or services until this contract has been approved by COUNTY and notification to proceed has been issued by COUNTY'S Contract Administrator. No payment will be made prior to approval of any work, or for any work performed prior to approval of this contract.
- D. CONTRACTOR will be reimbursed, as promptly as fiscal procedures will permit, upon receipt by COUNTY'S Contract Administrator of itemized invoices in triplicate. Invoices shall be submitted no later than 45 calendar days after the performance of work for which 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 Cost Proposal and shall reference this contract number and project title. Final invoice must contain the final cost and all credits due COUNTY that include any equipment purchased under the provisions of Article XI Equipment Purchase of this contract. The final invoice should be submitted within 60-calendar days after completion of CONTRACTOR's work. Invoices shall be mailed to COUNTY's Contract Administrator at the following address:

County of Monterey
Resource Management Agency – Public Works
168 West Alisal Street, 2nd Floor
Salinas, California 93901
Attn: Finance Division

- E. The total amount payable by COUNTY shall not exceed \$(Amount).
- F. All subcontracts in excess of \$25,000 shall contain the above provisions.

Article VI Termination (Verbatim)

- A. COUNTY reserves the right to terminate this contract upon thirty (30) calendar days written notice to CONTRACTOR with the reasons for termination stated in the notice.
- B. COUNTY may terminate this contract with CONTRACTOR should CONTRACTOR fail to perform the covenants herein contained at the time and in the manner herein provided. In the event of

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such termination, COUNTY may proceed with the work in any manner deemed proper by COUNTY. If COUNTY terminates this contract with CONTRACTOR, COUNTY shall pay CONTRACTOR the sum due to CONTRACTOR under this contract prior to termination, unless the cost of completion to COUNTY exceeds the funds remaining in the contract. In which case the overage shall be deducted from any sum due CONTRACTOR under this contract and the balance, if any, shall be paid to CONTRACTOR upon demand.

- C. The maximum amount for which the Government shall be liable if this contract is terminated is 0 dollars.

Article VII Cost Principles and Administrative Requirements (Verbatim)

- A. CONTRACTOR agrees that the Contract Cost Principles and Procedures, 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31.000 et seq., shall be used to determine the cost allowability of individual items.
- B. 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 49 CFR, Part 18 and 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31.000 et seq., are subject to repayment by CONTRACTOR to COUNTY.
- D. All subcontracts in excess of \$25,000 shall contain the above provisions.

Article VIII Retention of Records/Audit (Verbatim)

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; CONTRACTOR, subcontractors, and COUNTY shall maintain and make available for inspection 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, State Auditor, COUNTY, FHWA, or any duly authorized representative of the Federal Government shall have access to any books, records, and documents of CONTRACTOR and its certified public accountants (CPA) work papers that are pertinent to the contract and indirect cost rates (ICR) for audit, examinations, excerpts, and transactions, and copies thereof shall be furnished if requested. Subcontracts in excess of \$25,000 shall contain this provision.

Article IX Audit Review Procedures (Verbatim)

- A. Any dispute concerning a question of fact arising under an interim or post audit of this contract that is not disposed of by agreement, shall be reviewed by COUNTY'S Chief Financial Officer.

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- B. Not later than 30 days after issuance of the final audit report, CONTRACTOR may request a review by COUNTY'S Chief Financial Officer of unresolved audit issues. The request for review will be submitted in writing.
- C. Neither the pendency of a dispute nor its consideration by COUNTY will excuse CONTRACTOR from full and timely performance, in accordance with the terms of this contract.

For contracts \$150,000 or greater, paragraph D below applies:

- D. CONTRACTOR and subcontractor contracts, including cost proposals and ICR, are subject to audits or reviews such as, but not limited to, a contract audit, an incurred cost audit, an ICR Audit, or a CPA ICR audit work paper review. If selected for audit or review, the contract, cost proposal and ICR and related work papers, if applicable, will be reviewed to verify compliance with 48 CFR, Part 31 and other related laws and regulations. In the instances of a CPA ICR audit work paper review it is CONTRACTOR's responsibility to ensure federal, state, or local government officials are allowed full access to the CPA's work papers including making copies as necessary. The contract, cost proposal, and ICR shall be adjusted by CONTRACTOR and approved by COUNTY contract manager to conform to the audit or review recommendations. CONTRACTOR agrees that individual terms of costs identified in the audit report shall be incorporated into the contract by this reference if directed by COUNTY at its sole discretion. Refusal by CONTRACTOR to incorporate audit or review recommendations, or to ensure that the federal, state or local governments have access to CPA work papers, will be considered a breach of contract terms and cause for termination of the contract and disallowance of prior reimbursed costs.

For contracts \$3,500,000 or greater, paragraph E below applies:

- E. CONTRACTOR Cost Proposal is subject to a CPA ICR Audit Work Paper Review by Caltrans' Audit and Investigation (Caltrans). Caltrans, at its sole discretion, may review and/or audit and approve the CPA ICR documentation. The Cost Proposal shall be adjusted by the CONTRACTOR and approved by the COUNTY Contract Administrator to conform to the Work Paper Review recommendations included in the management letter or audit recommendations included in the audit report. Refusal by the CONTRACTOR to incorporate the Work Paper Review recommendations included in the management letter or audit recommendations included in the audit report will be considered a breach of the contract terms and cause for termination of the contract and disallowance of prior reimbursed costs.
 - 1. During a Caltrans' review of the ICR audit work papers created by the CONTRACTOR's independent CPA, Caltrans will work with the CPA and/or CONTRACTOR toward a resolution of issues that arise during the review. Each party agrees to use its best efforts to resolve any audit disputes in a timely manner. If Caltrans identifies significant issues during the review and is unable to issue a cognizant approval letter, COUNTY will reimburse the CONTRACTOR at a provisional ICR until a FAR compliant ICR (e.g. 48 CFR, part 31; GAGAS (Generally Accepted Auditing Standards); CAS (Cost Accounting Standards), if applicable; in accordance with procedures and guidelines of the American Association of State Highways and

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Transportation Officials Audit Guide; and other applicable procedures and guidelines} is received and approved by A&I. Provisional rates will be as follows:

- a. If the proposed rate is less than 150% - the provisional rate reimbursed will be 90% of the proposed rate.
 - b. If the proposed rate is between 150% and 200% - the provisional rate will be 85% of the proposed rate.
 - c. If the proposed rate is greater than 200% - the provisional rate will be 75% of the proposed rate.
2. If Caltrans is unable to issue a cognizant letter per paragraph E.1. above, Caltrans may require CONTRACTOR to submit a revised independent CPA-audited ICR and audit report within three (3) months of the effective date of the management letter. Caltrans will then have up to six (6) months to review the CONTRACTOR's and/or the independent CPA's revisions.
 3. If the CONTRACTOR fails to comply with the provisions of this Section E, or if Caltrans is still unable to issue a cognizant approval letter after the revised Independent CPA-audited ICR is submitted, overhead cost reimbursement will be limited to the provisional ICR that was established upon initial rejection of the ICR and set forth in paragraph E.1. above for all rendered services. In this event, this provisional ICR will become the actual and final ICR for reimbursement purposes under this contract.
 4. CONTRACTOR may submit to COUNTY final invoice only when all of the following items have occurred: (1) Caltrans approves or rejects the original or revised independent CPA-audited ICR; (2) all work under this contract has been completed to the satisfaction of LOCAL AGENCY; and, (3) Caltrans has issued its final ICR review letter. The CONTRACTOR MUST SUBMIT ITS FINAL INVOICE TO County no later than 60 days after occurrence of the last of these items.

The provisional ICR will apply to this contract and all other contracts executed between COUNTY and the CONTRACTOR, either as a prime or subcontractor, with the same fiscal period ICR.

Article X Subcontracting (Verbatim)

- A. Nothing contained in this contract or otherwise, shall create any contractual relation between COUNTY and any subcontractor(s), and no subcontract shall relieve CONTRACTOR of its responsibilities and obligations hereunder. CONTRACTOR agrees to be as fully responsible to COUNTY for the acts and omissions of its subcontractor(s) 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 CONTRACTOR. CONTRACTOR's obligation to pay its subcontractor(s) is an independent obligation from COUNTY'S obligation to make payments to the CONTRACTOR.
- B. 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

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without written authorization by COUNTY's Contract Administrator, except that, which is expressly identified in the approved Cost Proposal.

- C. CONTRACTOR shall pay its subcontractors within ten (10) calendar days from receipt of each payment made to CONTRACTOR by COUNTY.
- D. 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.
- E. Any substitution of subcontractor(s) must be approved in writing by COUNTY's Contract Administrator prior to the start of work by the subcontractor(s).

Article XI Equipment Purchase (Verbatim)

- A. Prior authorization in writing, by COUNTY's Contract Administrator shall be required before CONTRACTOR enters into any unbudgeted purchase order, or subcontract exceeding \$5,000 for supplies, equipment, or CONTRACTOR services. CONTRACTOR shall provide an evaluation of the necessity or desirability of incurring such costs.
- B. For purchase of any item, service or consulting work not covered in CONTRACTOR's Cost Proposal and exceeding \$5,000 prior authorization by COUNTY's Contract Administrator; three competitive quotations must be submitted with the request, or the absence of bidding must be adequately justified.
- C. Any equipment purchased as a result of this contract is subject to the following: "CONTRACTOR shall maintain an inventory of all nonexpendable property. Nonexpendable property is defined as having a useful life of at least two years and an acquisition cost of \$5,000 or more. If the purchased equipment needs replacement and is sold or traded in, COUNTY shall receive a proper refund or credit at the conclusion of the contract, or if the contract is terminated, CONTRACTOR may either keep the equipment and credit COUNTY in an amount equal to its fair market value, or sell such equipment at the best price obtainable at a public or private sale, in accordance with established COUNTY procedures; and credit COUNTY in an amount equal to the sales price. If CONTRACTOR elects to keep the equipment, fair market value shall be determined at CONTRACTOR's expense, on the basis of a competent independent appraisal of such equipment. Appraisals shall be obtained from an appraiser mutually agreeable to by COUNTY and CONTRACTOR, if it is determined to sell the equipment, the terms and conditions of such sale must be approved in advance by COUNTY." 49 CFR, Part 18 requires a credit to Federal funds when participating equipment with a fair market value greater than \$5,000 is credited to the project.
- D. All subcontracts in excess \$25,000 shall contain the above provisions.

Article XII State Prevailing Wage Rates (Verbatim)

The selected option shall apply to this contract:

- ☐ Option 1 – For contract where a portion of the proposed work to be performed are crafts affected by state labor laws.

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- A. CONTRACTOR shall comply with the State of California's General Prevailing Wage Rate requirements in accordance with California Labor Code, Section 1770, 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 public works, shall contain all of the provisions of this Article.
- C. When prevailing wages apply to the services described in the scope of work, transportation and subsistence costs shall be reimbursed at the minimum rates set by the Department of Industrial Relations (DIR) as outlined in the applicable Prevailing Wage Determination. See <http://www.dir.ca.gov>.

☐ Option 2 – For contracts where all of the proposed work is performed by crafts not affected by state labor laws or are not contemplated for use.

- A. The State of California's General Prevailing Wage Rates are not applicable to this contract.

Note: The Federal "Payment of Predetermined Minimum Wage" applies only to federal-aid construction contracts.

Article XIII Conflict of Interest (Verbatim)

- A. CONTRACTOR shall disclose any financial, business, or other relationship with COUNTY that may have an impact upon the outcome of this contract, or any ensuing COUNTY construction project. CONTRACTOR shall also list current clients who may have a financial interest in the outcome of this contract, or any ensuing COUNTY construction project, which will follow.
- B. CONTRACTOR hereby certifies that it does not now have, nor shall it acquire any financial or business interest that would conflict with the performance of services under this contract.
- C. Any subcontract in excess of \$25,000 entered into as a result of this contract, shall contain all of the provisions of this Article.

The selected option below applies to this contract:

☐ Option 1 – PS&E contracts

- D. CONTRACTOR hereby certifies that neither CONTRACTOR, nor any firm affiliated with CONTRACTOR will bid on any construction contract, or on any contract to provide construction inspection for any construction project resulting from this contract. An affiliated firm is one, which is subject to the control of the same persons through joint-ownership, or otherwise.
- E. Except for subcontractors whose services are limited to providing surveying or materials testing information, no subcontractor who has provided design services in connection with this contract shall be eligible to bid on any construction contract, or on any contract to provide construction inspection for any construction project resulting from this contract.

☐ Option 2 – Construction Contract Administration contracts

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- D. CONTRACTOR hereby certifies that neither CONTRACTOR, its employees, nor any firm affiliated with CONTRACTOR providing services on this project prepared the Plans, Specifications, and Estimate for any construction project included within this contract. An affiliated firm is one, which is subject to the control of the same persons through joint- ownership, or otherwise.
- E. CONTRACTOR further certifies that neither CONTRACTOR, nor any firm affiliated with CONTRACTOR, will bid on any construction subcontracts included within the construction contract. Additionally, CONTRACTOR certifies that no person working under this contract is also employed by the construction contractor for any project included within this contract.
- F. Except for subcontractors whose services are limited to materials testing, no subcontractor who is providing service on this contract shall have provided services on the design of any project included within this contract.

Article XIV Rebates, Kickbacks or other Unlawful Consideration (Verbatim)

CONTRACTOR warrants that this contract was not obtained or secured through rebates kickbacks or other unlawful consideration, either promised or paid to any COUNTY employee. For breach or violation of this warranty, COUNTY shall have the right in its discretion; to terminate the contract without liability; to pay only for the value of the work actually performed; or to deduct from the contract price; or otherwise recover the full amount of such rebate, kickback or other unlawful consideration.

Article XV Prohibition of Expending County, State, or Federal Funds for Lobbying (Verbatim)

This provision (Article XV) only applies to contracts where federal funding will exceed \$150,000. If less than \$150,000 in federal funds will be expended on the contract, this does not apply.

- A. CONTRACTOR certifies 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 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; CONTRACTOR shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions.

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- 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. 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 Statement of Compliance

- A. CONTRACTOR's signature affixed herein, and dated, shall constitute a certification under penalty of perjury under the laws of the State of California that CONTRACTOR has, unless exempt, complied with, the nondiscrimination program requirements of Government Code Section 12990 and Title 2, California Administrative Code, Section 8103.
- B. During the performance of this Contract, Contractor and its subcontractors shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (e.g., cancer), age (over 40), marital status, and denial of family care leave. Contractor and subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. Contractor and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code §12990 (a-f) et seq.) and the applicable regulations promulgated there under (California Code of Regulations, Title 2, Section 7285 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code Section 12990 (a-f), set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations, are incorporated into this Contract by reference and made a part hereof as if set forth in full. Contractor and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other Agreement.

For contracts with Federal funding, the following paragraph C & D applies:

- C. The Contractor shall comply with regulations relative to Title VI (nondiscrimination in federally-assisted programs of the Department of Transportation – Title 49 Code of Federal Regulations, Part 21 - Effectuation of Title VI of the 1964 Civil Rights Act). Title VI provides that the recipients of federal assistance will implement and maintain a policy of nondiscrimination in which no person in the state of California shall, on the basis of race, color, national origin, religion, sex, age, disability, be excluded from participation in, denied the benefits of or subject to discrimination under any program or activity by the recipients of federal assistance or their assignees and successors in interest.
- D. The Contractor, with regard to the work performed by it during the Agreement shall act in accordance with Title VI. Specifically, the Contractor shall not discriminate on the basis of race, color, national origin, religion, sex, age, or disability in the selection and retention of

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Subcontractors, including procurement of materials and leases of equipment. The Contractor shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the U.S. DOT's Regulations, including employment practices when the Agreement covers a program whose goal is employment.

Article XVII Debarment and Suspension Certification

- A. CONTRACTOR's signature affixed herein, shall constitute a certification under penalty of perjury under the laws of the State of California, that CONTRACTOR has complied with Title 2 CFR, Part 180, "OMB Guidelines to Agencies on Government wide Debarment and Suspension (nonprocurement)", 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 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.
- C. Exceptions to the Federal Government Excluded Parties List System maintained by the General Services Administration are to be determined by the Federal highway Administration.

MISCELLANEOUS PROVISIONS

Article XVIII Funding Requirements

- A. It is mutually understood between the parties that this contract may have been written before ascertaining the availability of funds or appropriation of funds, for the mutual benefit of both parties, in order to avoid program and fiscal delays that would occur if the contract were executed after that determination was made.
- B. This contract is valid and enforceable only, if sufficient funds are made available to COUNTY for the purpose of this contract. In addition, this contract is subject to any additional restrictions, limitations, conditions, or any statute enacted by the Congress, State Legislature, or COUNTY governing board that may affect the provisions, terms, or funding of this contract in any manner.
- C. It is mutually agreed that if sufficient funds are not appropriated, this contract may be amended to reflect any reduction in funds.
- D. COUNTY has the option to void the contract under the 30-day termination clause pursuant to Article VI, or by mutual agreement to amend the contract to reflect any reduction of funds.

Article XIX Change in Terms

- A. This contract may be amended or modified only by mutual written agreement of the parties.

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

Article XX Disadvantaged Business Enterprises (DBE) Participation

- A. This contract is subject to 49 CFR, Part 26 entitled "Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs". Contractors who obtain DBE participation on this contract will assist Caltrans in meeting its federally mandated statewide overall DBE goal.
- B. The goal for DBE participation for this contract is _____. Participation by DBE contractor or subcontractors shall be in accordance with information contained in the Contractor Proposal DBE Commitment (Exhibit 10-01), or in the Contractor Contract DBE Information (Exhibit 10-02) attached hereto and incorporated as part of the Contract. If a DBE subcontractor is unable to perform, CONTRACTOR must make a good faith effort to replace him/her with another DBE subcontractor, if the goal is not otherwise met.
- C. DBEs and other small businesses, as defined in 49 CFR, Part 26 are encouraged to participate in the performance of contracts financed in whole or in part with federal funds. CONTRACTOR or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. CONTRACTOR shall carry out applicable requirements of 49 CFR, Part 26 in the award and administration of US DOT-assisted agreements. Failure by CONTRACTOR to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as COUNTY deems appropriate.
- D. Any subcontract entered into as a result of this contract shall contain all of the provisions of this section.
- E. A DBE firm may be terminated only with prior written approval from COUNTY and only for the reasons specified in 49 CFR 26.53(f). Prior to requesting COUNTY consent for the termination, CONTRACTOR must meet the procedural requirements specified in 49 CFR 26.53(f).
- F. A DBE performs a Commercially Useful Function (CUF) when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a CUF, the DBE must also be responsible with respect to materials and supplies used on the contract, 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 CUF, evaluate the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing, and other relevant factors.
- G. A DBE does not perform a CUF if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of DBE

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participation. In determining whether a DBE is such an extra participant, examine similar transactions, particularly those in which DBEs do not participate.

- H. If a DBE does not perform or exercise responsibility for at least thirty percent (30%) of the total cost of its contract with its own work force, or the DBE subcontracts a greater portion of the work of the contract 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 CUF.
- I. CONTRACTOR shall maintain records of materials purchased 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.
- J. Upon completion of the Contract, a summary of these records shall be prepared and submitted on the form entitled, "Final Report-Utilization of Disadvantaged Business Enterprise (DBE), First-Tier Subcontractors" CEM-2402F [Exhibit 17-F, of the LAPM], certified correct by CONTRACTOR or CONTRACTOR's authorized representative and shall be furnished to the Contract Administrator 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 CONTRACTOR when a satisfactory "Final Report-Utilization of Disadvantaged Business Enterprises (DBE), First-Tier Subcontractors" is submitted to the Contract Administrator.
- K. If a DBE subcontractor is decertified during the life of the contract, the decertified subcontractor shall notify CONTRACTOR in writing with the date of decertification. If a subcontractor becomes a certified DBE during the life of the Contract, the subcontractor shall notify CONTRACTOR in writing with the date of certification. Any changes should be reported to COUNTY's Contract Administrator within 30 days.

Article XXI Contingent Fee

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 CONTRACTOR for the purpose of securing business. For breach or violation of this warranty, 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 XXII Disputes

The selected option below applies to this contract:

- ☐ Option 1 – For contracts without PS&E submittal

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- 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 a committee consisting of COUNTY's Contract Administrator and (Insert Department Head or Official), who may consider written or verbal information submitted by CONTRACTOR.
 - B. Not later than 30 days after completion of all work under the contract, CONTRACTOR may request review by COUNTY Governing Board 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 CONTRACTOR from full and timely performance in accordance with the terms of this contract.
- ☐ Option 2 – For contracts requiring PS&E submittal, replace paragraph B above with the following:
- B. Not later than 30 days after completion of all deliverables necessary to complete the plans, specifications and estimate, CONTRACTOR may request review by COUNTY Governing Board of unresolved claims or disputes, other than audit. The request for review will be submitted in writing.

Article XXIII Inspection of Work

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

Article XXIV Safety

- A. CONTRACTOR shall comply with OSHA regulations applicable to CONTRACTOR regarding necessary safety equipment or procedures. CONTRACTOR shall comply with safety instructions issued by 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, COUNTY has determined that such areas are within the limits of the project and are open to public traffic. CONTRACTOR shall comply with all of the requirements set forth in Divisions 11, 12, 13, 14, and 15 of the Vehicle Code. CONTRACTOR shall take all reasonably necessary precautions for safe operation of its vehicles and the protection of the traveling public from 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.

Paragraph D below applies for contracts requiring trenching of five feet or deeper:

- D. CONTRACTOR must have a Division of Occupational Safety and Health (CAL-OSHA) permit(s), as outlined in California Labor Code Sections 6500 and 6705, prior to the initiation of any practices, work, method, operation, or process related to the construction or excavation of trenches which are five feet or deeper.

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Article XXV Insurance

The selected option below applies to this contract:

☐ Option 1 – For contracts with a scope of services that may require the contractor or subcontractor to work within the operating state or County Highway Right of Way; where there would be exposure to public traffic or construction operations:

- A. Prior to commencement of the work described herein, CONTRACTOR shall furnish COUNTY a Certificate of Insurance stating that there is general comprehensive liability insurance presently in effect for CONTRACTOR with a combined single limit (CSL) of not less than one million dollars (\$1,000,000) per occurrence.
- B. The Certificate of Insurance will provide:
 - 1. That the insurer will not cancel the insured's coverage without 30 days prior written notice to COUNTY.
 - 2. That COUNTY, its officers, agents, employees, and servants are included as additional insureds, but only insofar as the operations under this contract are concerned.
 - 3. That COUNTY will not be responsible for any premiums or assessments on the policy.
- C. CONTRACTOR agrees that the bodily injury liability insurance herein provided for, shall be in effect at all times during the term of this contract. In the event said insurance coverage expires at any time or times during the term of this contract, CONTRACTOR agrees to provide at least thirty (30) days prior notice to said expiration date; and a new Certificate of Insurance evidencing insurance coverage as provided for herein, for not less than either the remainder of the term of the contract, or for a period of not less than one (1) year. New Certificates of Insurance are subject to the approval of COUNTY. In the event CONTRACTOR fails to keep in effect at all times insurance coverage as herein provided, COUNTY may, in addition to any other remedies it may have, terminate this contract upon occurrence of such event.

☐ Option 2 – For contracts with a scope of services that will not require the Contractor or subcontractor to work within the operating State or COUNTY Highway Right of Way where there would be exposure to public traffic or construction Contractor operations:

CONTRACTOR is not required to show evidence of general comprehensive liability insurance.

Article XXVI Ownership of Data

- A. Upon completion of all work under this contract, ownership and title to all reports, documents, plans, specifications, and estimates produced as part of this contract will automatically be vested in COUNTY; and no further agreement will be necessary to transfer ownership to COUNTY. CONTRACTOR shall furnish COUNTY all necessary copies of data needed to complete the review and approval process.

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- B. It is understood and agreed that all calculations, drawings and specifications, whether in hard copy or machine-readable form, are intended for one-time use in the construction of the project for which this contract has been entered into.
- C. CONTRACTOR is not liable for claims, liabilities, or losses arising out of, or connected with the modification, or misuse by COUNTY of the machine-readable information and data provided by CONTRACTOR under this contract; further, CONTRACTOR is not liable for claims, liabilities, or losses arising out of, or connected with any use by COUNTY of the project documentation on other projects for additions to this project, or for the completion of this project by others, except only such use as may be authorized in writing by CONTRACTOR.
- D. Applicable patent rights provisions regarding rights to inventions shall be included in the contracts as appropriate (48 CFR 27, Subpart 27.3 - Patent Rights under Government Contracts for federal-aid contracts).
- E. COUNTY may permit copyrighting reports or other agreement products. If copyrights are permitted; the agreement shall provide that the FHWA shall have the royalty-free nonexclusive and irrevocable right to reproduce, publish, or otherwise use; and to authorize others to use, the work for government purposes.
- F. 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 XXVII Claims Filed by County's Construction Contractor

- A. If claims are filed by COUNTY's construction contractor relating to work performed by CONTRACTOR's personnel, and additional information or assistance from CONTRACTOR's personnel is required in order to evaluate or defend against such claims; CONTRACTOR agrees to make its personnel available for consultation with COUNTY's construction contract administration and legal staff and for testimony, if necessary, at depositions and at trial or arbitration proceedings.
- B. CONTRACTOR's personnel that COUNTY considers essential to assist in defending against construction contractor claims will be made available on reasonable notice from COUNTY. Consultation or testimony will be reimbursed at the same rates, including travel costs that are being paid for CONTRACTOR's personnel services under this contract.
- C. Services of CONTRACTOR's personnel in connection with COUNTY's construction contractor claims will be performed pursuant to a written contract amendment, if necessary, extending the termination date of this contract in order to resolve the construction claims.
- 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 XXVIII Confidentiality of Data

- A. All financial, statistical, personal, technical, or other data and information relative to COUNTY's operations, which are designated confidential by COUNTY and made available to CONTRACTOR

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in order to carry out this contract, shall be protected by CONTRACTOR from unauthorized use and disclosure.

- B. Permission to disclose information on one occasion, or public hearing held by COUNTY relating to the contract, shall not authorize CONTRACTOR to further disclose such information, or disseminate the same on any other occasion.
- C. CONTRACTOR shall not comment publicly to the press or any other media regarding the contract or COUNTY's actions on the same, except to COUNTY's staff, CONTRACTOR's own personnel involved in the performance of this contract, at public hearings or in response to questions from a Legislative committee.
- D. CONTRACTOR shall not issue any news release or public relations item of any nature, whatsoever, regarding work performed or to be performed under this contract without prior review of the contents thereof by COUNTY, and receipt of COUNTY'S written permission.
- E. Any subcontract entered into as a result of this contract shall contain all of the provisions of this Article.

For PS&E contracts, paragraph F below applies:

- F. All information related to the construction estimate is confidential, and shall not be disclosed by CONTRACTOR to any entity other than COUNTY.

Article XXIX National Labor Relations Board Certification

In accordance with Public Contract Code Section 10296, CONTRACTOR hereby states under penalty of perjury that no more than one final unappealable finding of contempt of court by a federal court has been issued against CONTRACTOR within the immediately preceding two-year period, because of CONTRACTOR's failure to comply with an order of a federal court that orders CONTRACTOR to comply with an order of the National Labor Relations Board.

Article XXX Evaluation of Contractor

CONTRACTOR's performance will be evaluated by COUNTY. A copy of the evaluation will be sent to CONTRACTOR for comments. The evaluation together with the comments shall be retained as part of the contract record.

Article XXXI Retention of Funds

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

The selected paragraph below (B, C, or D) applies to this contract:

- B. ☐ No retainage will be withheld by the Agency from progress payments due the prime contractor. Retainage by the prime contractor or subcontractors is prohibited, and no retainage will be held by the prime contractor from progress due subcontractors. Any violation of this provision shall subject the violating prime contractor or subcontractors to the penalties, sanctions, and other remedies specified in Section 7108.5 of the California Business and

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Professions Code. This requirement shall not be construed to limit or impair any contractual, administrative, or judicial remedies, otherwise available to the prime contractor or subcontractor in the event of a dispute involving late payment or nonpayment by the prime contractor or deficient subcontractor performance, or noncompliance by a subcontractor. This provision applies to both DBE and non-DBE prime contractors and subcontractors.

- C. ☒ No retainage will be held by the Agency from progress payments due the prime contractor. Any retainage held by the prime contractor or subcontractors from progress payments due subcontractors shall be promptly paid in full to subcontractors within 30 days after the subcontractor's work is satisfactorily completed. Federal law (49 CFR 26.29) 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 contractor or subcontractor 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 contractor or subcontractor in the event of a dispute involving late payment or nonpayment by the prime contractor, deficient subcontractor performance, or noncompliance by a subcontractor. This provision applies to both DBE and non-DBE prime contractor and subcontractors.
- D. ☐ The Agency shall hold retainage from the prime contractor and shall make prompt and regular incremental acceptances of portions, as determined by the Agency, of the contract work, and pay retainage to the prime contractor based on these acceptances. The prime contractor, or subcontractor, shall return all monies withheld in retention from a subcontractor within thirty (30) days after receiving payment for work satisfactorily completed and accepted including incremental acceptances of portions of the contract work by the agency. Federal law (49 CFR 26.29) requires that any delay or postponement of payment over thirty (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 contractor or subcontractor 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 contractor or subcontractor in the event of a dispute involving late payment or nonpayment by the prime Contractor, deficient subcontractor performance, or noncompliance by a subcontractor. This provision applies to both DBE and non-DBE prime contractor and subcontractors.

Notice to Proposers DBE Information (Exhibit 10-I)

The following will be issued to the short list/pool of qualified firms at the time when the County will request for proposals for specific projects.

The Agency has established a DBE goal for this Contract of _____%

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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, Code of Federal Regulations (CFR), Part 26.5.
- The term "Agreement" also means "Contract."
- 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 Contracts 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 must 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 proposer must 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, Exhibit 10-01 *Consultant Proposal DBE Commitment* must 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 will be counted towards the contract goal; therefore, all DBE participation shall be collected and reported.

Exhibit 10-02 *Consultant Contract DBE Information* must be included with the Request for Proposal. Even if no DBE participation will be reported, the successful proposer 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, joint venture partner, as a vendor of material or supplies, or as a trucking company.

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- C. A DBE proposer not proposing as a joint venture with a non-DBE, will be required to document one or a combination of the following:
 - 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, suppliers or trucking companies.
 - 3. The proposer, prior to proposing, 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 proposer shall list only one subconsultant for each portion of work as defined in their proposal and all DBE subconsultants should be listed in the bid/cost proposal list of subconsultants.
 - G. A prime consultant who is a certified DBE is eligible to claim all of the work in the Contract 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 toll free number 1-866-810-6346 for assistance.
 - B. Access the CUCP database from the Department of Transportation, Office of Business and Economic Opportunity Web site at: <http://www.dot.ca.gov/hq/bep/>.
 - 1. Click on the link in the left menu titled Disadvantaged Business Enterprise;
 - 2. Click on Search for a DBE Firm link;
 - 3. Click on Access to the DBE Query Form located on the first line in the center of the page.

Searches can be performed by one or more criteria. Follow instructions on the screen.

6. MATERIALS OR SUPPLIES PURCHASED FROM DBE's COUNT TOWARDS THE DBE GOAL UNDER THE FOLLOWING CONDITIONS
- A. If the materials or supplies are obtained from a DBE manufacturer, count 100 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

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equipment required under the Contract and of the general character described by the specifications.

- B. If the materials or supplies purchased from a DBE regular dealer, count 60 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 Contract 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.

CALTRANS LOCAL ASSISTANCE PROCEDURES MANUAL FORMS

The following forms can be viewed and downloaded in fillable format at:

<http://www.dot.ca.gov/hq/LocalPrograms/lam/forms/lapmforms.htm>

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Cost Proposal

**EXHIBIT 10-H COST PROPOSAL (EXAMPLE #2) PAGE 1 OF 2
SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
(CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)**

Note: Mark-ups are Not Allowed

Consultant or Subconsultant

Earth Systems Pacific

Contract No. RFQ # 1701

Date 10/25/2016

Fringe Benefit 43.4% + Overhead 164.7% + General Administration % Included Combined Indirect Cost Rate (ICR) %
(= 0% If Included In OH) (= 0% If Included In OH)

FEE % = 10.00%

BILLING INFORMATION

CALCULATION INFORMATION

Name/Job Title/Classification ¹	Hourly Billing Rates ²			Effective date of hourly rate		Actual or Avg. hourly rate ³	% or \$ Increase	Hourly range - for classifications only
	Straight	OT(1.5x)	OT(2x)	From	To			
Principal Engineer/Geologist	\$210.00	\$315.00	\$420.00	7/1/2016	6/30/2017	\$62.00	0	\$60.00 - \$64.00
	\$216.30	\$324.45	\$432.60	7/1/2017	6/30/2018	\$63.82	3.00%	\$62.00 - \$66.00
	\$222.79	\$334.18	\$445.58	7/1/2018	12/31/2019	\$65.73	3.00%	\$63.00 - \$70.00
Associate Engineer/Geologist	\$190.00	\$285.00	\$380.00	7/1/2016	6/30/2017	\$56.00	0	\$54.00 - \$58.00
	\$195.70	\$293.55	\$391.40	7/1/2017	6/30/2018	\$57.74	3.00%	\$55.00 - \$60.00
	\$201.57	\$302.36	\$403.14	7/1/2018	12/31/2019	\$59.47	3.00%	\$56.00 - \$63.00
Senior Engineer/Geologist	\$170.00	\$255.00	\$340.00	7/1/2016	6/30/2017	\$50.00	0	\$46.00 - \$54.00
	\$175.10	\$262.65	\$350.20	7/1/2017	6/30/2018	\$51.60	3.00%	\$48.00 - \$56.00
	\$180.35	\$270.53	\$360.71	7/1/2018	12/31/2019	\$53.21	3.00%	\$50.00 - \$56.00
Project Engineer/Geologist	\$150.00	\$225.00	\$300.00	7/1/2016	6/30/2017	\$44.00	0	\$40.00 - \$48.00
	\$154.50	\$231.75	\$309.00	7/1/2017	6/30/2018	\$45.59	3.00%	\$42.00 - \$48.00
	\$159.14	\$238.70	\$318.27	7/1/2018	12/31/2019	\$46.96	3.00%	\$44.00 - \$50.00
Staff Engineer/Geologist	\$135.00	\$202.50	\$270.00	7/1/2016	6/30/2017	\$40.00	0	\$36.00 - \$44.00
	\$139.05	\$208.58	\$278.10	7/1/2017	6/30/2018	\$41.02	3.00%	\$37.00 - \$45.00
	\$143.22	\$214.83	\$286.44	7/1/2018	12/31/2019	\$42.26	3.00%	\$39.00 - \$45.00
Project/Contract Administrator	\$135.00	\$202.50	\$270.00	7/1/2016	6/30/2017	\$40.00	0	\$36.00 - \$44.00
	\$139.05	\$208.58	\$278.10	7/1/2017	6/30/2018	\$41.02	3.00%	\$37.00 - \$45.00
	\$143.22	\$214.83	\$286.44	7/1/2018	12/31/2019	\$42.26	3.00%	\$39.00 - \$45.00
Other Classifications*								

- Names and classifications of consultant (key staff) team members must be listed. Provide separate sheets for prime and all subconsultant firms.
- Billing rate = actual hourly rate * (1+ ICR) * (1+ Fee). Agreed upon billing rates are not adjustable for the term of contract.
- For named employees enter the actual hourly rate. For classifications only, enter the Average Hourly Rate for that classification.

NOTES: *Classifications not specifically included herein and all laboratory tests (billed per unit) will be subject to an escalation of 3% annually

- Denote all employees subject to prevailing wage with an asterisks (*) Prevailing Wage Classifications calculated per FAR regulations presented on separate tab.
- For "Other Direct Cost" listing, see page 2 of this Exhibit

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Cost Proposal

**EXHIBIT 10-H COST PROPOSAL (EXAMPLE #2) PAGE 2 OF 2
SPECIFIC RATE OF COMPENSATION (USE FOR ON-CALL OR AS-NEEDED CONTRACTS)
(CONSTRUCTION ENGINEERING AND INSPECTION CONTRACTS)**

Consultant or Subconsultant Earth Systems Pacific

Contract No. RFQ # 1701

Date #####

SCHEDULE OF OTHER DIRECT COST ITEMS											
PRIME CONSULTANT				SUBCONSULTANT #1				SUBCONSULTANT #2			
DESCRIPTION OF ITEMS	UNIT	UNIT COST	TOTAL	DESCRIPTION OF ITEMS	UNIT	UNIT COST	TOTAL	DESCRIPTION OF ITEMS	UNIT	UNIT COST	TOTAL
Special Tooling				Special Tooling				Special Tooling			
A. Drilling/Excavation Equipment	at Cost			A.				A.			
				B.				B.			
Travel				Travel				Travel			
A. Mileage	per IRS			A.				A.			
B. Per Diem	per GSA			B.				B.			
Reproduction	at Cost										
PRIME TOTAL ODCs =			\$0	SUBCONSULTANT #1 ODCs =			\$0	SUBCONSULTANT #2 ODCs =			\$0

IMPORTANT NOTES:

1. List direct cost items with estimated costs. These costs should be competitive in their respective industries and supported with appropriate documentations.
2. Proposed items should be consistently billed directly to all clients (Commercial entities, Federal Govt., State Govt., and Local Govt. Agency), and not just when the client will pay for them as a direct cost.
3. Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
4. Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice).
5. Items listed above that would be considered "tools of the trade" are not reimbursable as other direct cost.
6. Travel related costs should be pre-approved by the contracting agency.
7. If mileage is claimed, the rate should be properly supported by the consultant's calculation of their actual costs for company vehicles. In addition, the miles claimed should be supported by mileage logs.
8. If a consultant proposes rental costs for a vehicle, the company must demonstrate that this is their standard procedure for all of their contracts and that they do not own any vehicles purpose that could be used for the same purpose.

**EXHIBIT B – FEDERAL PROVISIONS
CALTRANS LOCAL ASSISTANCE PROCEDURES MANUAL**

		Year 1			
		Group 1 NC	Group 2 NC	Group 3 NC	Group 4 NC
	%	Prev. Wage	Prev. Wage	Prev. Wage	Prev. Wage
Effective: 7/1/16-6/30/17					
Base Wage	Prevailing Wage	\$43.56	\$41.56	\$35.42	\$30.19
Benefits @	Prevailing Wage	\$29.98	\$29.98	\$29.98	\$29.98
O.H. @	164.7%	\$71.74	\$68.45	\$58.34	\$49.72
Total before profit		\$145.28	\$139.99	\$123.74	\$109.89
Profit @	10.0%	\$14.53	\$14.00	\$12.37	\$10.99
Regular Hours Billable Rate		\$159.81	\$153.99	\$136.11	\$120.88

		Year 2			
		Group 1 NC	Group 2 NC	Group 3 NC	Group 4 NC
	%	Prev. Wage	Prev. Wage	Prev. Wage	Prev. Wage
Effective: 7/1/17-6/30/18					
Base Wage	Prevailing Wage	\$45.61	\$43.61	\$37.47	\$32.24
Benefits @	Prevailing Wage	\$30.88	\$30.88	\$30.88	\$30.88
O.H. @	164.7%	\$75.12	\$71.83	\$61.71	\$53.10
Total before profit		\$151.61	\$146.32	\$130.06	\$116.22
Profit @	10.0%	\$15.16	\$14.63	\$13.01	\$11.62
Regular Hours Billable Rate		\$166.77	\$160.95	\$143.07	\$127.84

		Year 3			
		Group 1 NC	Group 2 NC	Group 3 NC	Group 4 NC
	%	Prev. Wage	Prev. Wage	Prev. Wage	Prev. Wage
Effective: 7/1/18 - 12/31/19					
Base Wage	Prevailing Wage	\$46.98	\$44.92	\$38.59	\$33.21
Benefits @	Prevailing Wage	\$31.81	\$31.81	\$31.81	\$31.81
O.H. @	164.7%	\$77.37	\$73.98	\$63.56	\$54.69
Total before profit		\$156.16	\$150.70	\$133.96	\$119.71
Profit @	10.0%	\$15.62	\$15.07	\$13.40	\$11.97
Regular Hours Billable Rate		\$171.77	\$165.77	\$147.36	\$131.68



Earth Systems Pacific

FEE SCHEDULE
Hollister/Fremont/Salinas, California
(Effective July 1, 2016)

1514 Moffett Street, Suite G
Salinas, CA 93905-8949
Ph: 831-422-8547
esp@earthsystems.com
www.earthsystems.com

The following schedule presents unit rates for professional and technical services in the fields of geotechnical engineering, engineering geology, environmental consulting, construction observation and testing, and special inspection. Listed are typical charges for the services most frequently performed by Earth Systems Pacific. Additional services are available and can be discussed at the client's request.

PERSONNEL

Hourly Rate

Non-Technical Assistant	\$70.00
Clerical	\$70.00
Drafter/Technical Aide	\$90.00
Technician	\$95.00
Senior Technician/Inspector	\$98.00
Special Inspector	\$98.00
Technician/Inspector, Prevailing Wage (Group 3 and 4*)	\$110.00
Technician/Inspector, Prevailing Wage (Group 1 and 2*)	\$115.00
Staff Engineer/Geologist/Scientist	\$135.00
Project Engineer/Geologist/Scientist	\$150.00
Senior Engineer/Geologist/Scientist	\$170.00
Associate Engineer/Geologist/Scientist	\$190.00
Principal Engineer/Geologist/Scientist	\$210.00

* Technician/Inspector Classifications as defined by Prevailing Wage Determination NC-63-3-9-2014-1 by the State of California Director of Industrial Relations

BASIS OF CHARGES

1. The following information applies to non-prevailing wage projects, and may vary for projects subject to prevailing wage law. Requirements concerning overtime, shift work, travel time, holidays, and other factors can vary for different classifications of work under prevailing wage regulations. Field services for prevailing wage projects will be charged in 4-hour increments.
2. Field services for regular work days on non-prevailing wage projects are subject to a 2-hour minimum charge for inspections, consultations, sampling, or show up time. Work performed on weekends, holidays, and when work starts outside of regular business hours is subject to a 4-hour minimum charge. Charges are calculated in two-hour increments and time is accumulated on a portal-to-portal basis.
3. Saturdays, night work, and premium hours (before 7 a.m., after 5 p.m. or in excess of 8 hours in one day) for personnel are at time and one-half; Sundays and holidays are at double time.
4. DIR compliance/certified payroll \$50.00/week.
5. Nuclear density gauge charge \$15.00/hour.
6. Mileage is invoiced at a rate of \$0.60/mile (portal to portal), with a minimum daily charge of 10 miles per day for field work. Current IRS Rate.
7. Out of town travel and expenses will be charged at cost plus 20% fixed per diem rates for specific projects can be provided upon request, and comply with the Monterey County Travel Policy per Section B.1 of Exhibit A - Scope of Services/Payment Provisions.
8. Report copies \$30.00 per copy (minimum).
9. Invoices are payable upon presentation. Invoices thirty days past due will be subject to a service charge of one and one-half percent per month.
10. Deposition, Hearing and Court Appearances (as Expert Witness) are listed on a supplemental fee schedule.

EXHIBIT B – FEDERAL PROVISIONS
CALTRANS LOCAL ASSISTANCE PROCEDURES MANUAL



Earth Systems
Pacific

1514 Moffett Street, Suite 6
Salinas, CA 93905-8349
Ph: 831-422-8547
esp@earthsystems.com
www.earthsystems.com

FEE SCHEDULE

Hollister/Fremont/Salinas, California
(Effective July 1, 2016)

12/23/16 12/23/16

SUBCONTRACT SERVICES

10%

Subcontract services are to be billed at cost plus 10 percent. These include, but are not limited to, consultants fees, equipment rental (such as drilling, bulldozing, and trenching and special access equipment), and freight, outside laboratory tests, aerial photographs, permit fees and incidental expenses.

SPECIAL FIELD SERVICES

Geophysical work, pile load tests, vane shear tests, piezometer installations, slope indicator installations and other special tests will be quoted at standard engineering rates, plus cost of equipment.

ENVIRONMENTAL SERVICES

Rates for environmental sampling, safety, and testing equipment are listed on a supplemental fee schedule. All rentals or purchases of required equipment and supplies, as well as subcontracted services, will be invoiced at cost plus 20%. 10%

LABORATORY TESTS - SOILS

Testing of contaminated soil will be per quote; samples will be returned to sender for proper disposal.

Atterberg Limits:	a. Liquid Limit or Plastic Limit	\$105.00
	b. Plasticity Index	\$190.00
C.B.R. (3 points; Includes maximum density)		\$570.00
C.B.R. (9 points; includes maximum density)		\$930.00
Compaction Curves:	a. 4" Mold	\$240.00
	b. 6" Mold	\$290.00
	c. California Impact	\$290.00
	d. Check Point (one)	\$125.00
Consolidation, (one dimensional)		\$200.00
Consolidation, per load increment (timed)		\$90.00
Corrosivity Tests		Prices on Request
Direct Shear (quick, per point, 3 points minimum)		\$95.00
Expansion Index Test		\$195.00
Laboratory Technician (Sample Preparation)		\$95.00/hr.
Long Hydrometer Analysis (Assumed Sp. Gr.) with 200 wash		\$220.00
Moisture Determination and Unit Weight		\$25.00
Moisture Only		\$20.00
Permeability Tests		Per Quote
R-Value, California State Highway/Set of 3, (no additives)		\$295.00
R-Value, California State Highway/Set of 3, cement, lime or other additives		\$360.00
Sand Equivalent		\$125.00
Minus 200 Wash		\$95.00
Sieve Analysis, Aggregate Base/Subbase		\$140.00
Sieve Analysis, (Oversize Material)		\$205.00
Sieve Analysis with 200 wash		\$115.00
Sieve Analysis without 200 wash		\$85.00
Specific Gravity		\$135.00
Unconfined Compression (untreated)		\$95.00
Unconfined Compression (lime treated material)		\$475.00

CONCRETE, ASPHALT, MASONRY & STEEL TESTING

See Materials Testing Fee Schedule



Earth Systems Pacific

FEE SCHEDULE – MATERIALS TESTING Hollister/Fremont/Salinas, California (Effective July 1, 2016)

1514 Moffett Street, Suite G
Salinas, CA 93905-3349
Ph: 831-422-8547
esp@earthsystems.com
www.earthsystems.com

BASIS OF CHARGES

Rates for field work such as materials sampling, construction inspection, and field evaluation will be in accordance with the Personnel Rates listed in the basic Fee Schedule. The below listed rates apply to standard ASTM test methods. An additional hourly charge (\$95/hr.) will be applied for cutting, capping, or other preparation of non-standard samples and, where noted, for steel samples.

CONCRETE AGGREGATE

Abrasion, L.A. Rattler (100 & 500 Revolutions)	\$260.00
Absorption, Coarse Aggregate	\$70.00
Absorption, Fine Aggregate	\$110.00
Angularity, Fine Aggregate	\$110.00
Clay Lumps and Friable Particles in Aggregate	\$110.00
Cleanliness Value of Coarse Aggregate	\$135.00
Crushed Particles (each size)	\$115.00
Durability Index, Coarse Aggregate	\$145.00
Durability Index, Fine Aggregate	\$145.00
Flat and Elongated Particles in Aggregate	\$115.00
Laboratory Technician (Sample Preparation)	\$95.00/hr
Organic Impurities in Fine Aggregate	\$85.00
Potential Reactivity of Aggregate by Chemical Method (each size)	Per Quote
Sand Equivalent	\$125.00
Sieve Analysis, washed	\$150.00
Soundness, Sodium Sulfate (5 cycles)	\$345.00
Specific Gravity, Coarse Aggregate	\$90.00
Specific Gravity, Fine Aggregate	\$125.00
Unit Weight of Aggregate	\$85.00

CONCRETE CYLINDERS, BEAMS AND CORES

Compression Test of Cast Cylinders	\$35.00
Compression Test of Cored Samples (including surfacing if necessary)	\$70.00
Compression Test of Shotcrete Samples (including surfacing if necessary)	\$70.00
Concrete/Shotcrete Coring	Per Quote
Compression Test of Lightweight Concrete	\$50.00
Density of Concrete Cylinders (as received; volume from measurements)	\$35.00
Density of Hardened Concrete (volume from measurements)	\$75.00
Flexural Strength, Simple Beam with Third Point Loading	\$100.00
Unit Weight of Lightweight Concrete	\$55.00

MASONRY

Absorption of Block (set of 3)	\$120.00
Compression Test on Block (set of 3)	\$150.00
Compression Test on Grouted Prisms (includes cutting)	\$150.00
Compression Test on Masonry Cores	\$60.00
Compression Test, 2" x 4" Mortar Cylinders	\$35.00
Compression Test, 3" x 3" x 6" Grout Prisms	\$25.00
Moisture Content of Block as received (set of 3)	\$75.00
Shear Test on Masonry Cores (2 faces)	\$95.00
Specific Gravity and Unit Weight of Block (set of 3)	\$90.00

**1514 Moffett Street, Suite G
Selinas, CA 93005-8349
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www.earthsystems.com**

ASPHALT CONCRETE

REINFORCING AND STRUCTURAL STEEL

Q 12/23/16
10% \nwarrow
12/23/16
Q 12/23/16
10% \nwarrow 12/23/16
10% \nwarrow 12/23/16
Q 12/23/16

Tensile, Proof Load and Hardness	Cost Plus 20%	10%
Chemical Analysis	Cost Plus 20%	10%

Face Bend (Sample Preparation Not Included)	\$40.00
Free Bend (Reinforcing Steel)	\$40.00
Nick Break (Reinforcing Steel)	\$70.00
Root Bend (Sample Preparation Not Included)	\$40.00
Side Bend (Sample Preparation Not Included)	\$40.00
Tensile, Proof Load and Hardness	Cost Plus 28% 10%

10% 12/23/16

**EXHIBIT C -- INCORPORATION OF REQUEST FOR QUALIFICATIONS (RFQ) #1701
AND STATEMENT OF QUALIFICATIONS DOCUMENTS**

The County invited submittals to Request for Qualifications (RFQ) through RFQ #1701, to provide on-call geotechnical engineering services for transportation projects located in Monterey County. Earth Systems Pacific submitted a responsive and responsible Statement of Qualifications to perform the services listed in RFQ #1701.

RFQ #1701 and the Statement of Qualifications submitted by Earth Systems Pacific are hereby incorporated into the Agreement by this reference to provide on-call geotechnical engineering services for transportation projects located in Monterey County.