

STATE OF CALIFORNIA  
**STANDARD AGREEMENT**

Department Of Transportation

STD 213 (rev 9/01)  
 Division Of Procurement And Contracts (DPAC) A&E Boiler Revision Date 08/15/13

AGREEMENT NUMBER 04A4305	REGISTRATION NUMBER
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- This Agreement is entered into between the State Agency and the Contractor named below:  
 STATE AGENCY'S NAME  
**STATE OF CALIFORNIA**  
**DEPARTMENT OF TRANSPORTATION (Hereinafter referred to as "Department" or "Caltrans")**  
 CONSULTANT'S NAME  
**Signet Testing Laboratories, Inc. (Hereinafter referred to as "the Consultant")**
- The term of this Agreement is from October 11, 2013 or upon Caltrans approval, whichever is later, through December 31, 2016.
- The maximum amount of this Agreement is: **\$3,000,000.00**  
**Three Million Dollars and No Cents**
- The parties agree to comply with the terms and conditions of the following exhibits/attachments which are by this reference made a part of the Agreement.
 

Exhibit A – Scope Of Work And Deliverables	4 Pages
Exhibit B – Budget Detail And Payment Provisions	7 Pages
Exhibit C – General Terms And Conditions 610 (Electronic File: GTC 610*)	1 Page
Exhibit D – Special Terms And Conditions	26 Pages
Exhibit E – Additional Provisions	10 Pages
Exhibit F – Prevailing Wage Requirements	7 Pages
Attachment 1 – Scope Of Work	28 Pages
Attachment 2 – Cost Proposal	10 Pages
Attachment 3 – Sample Task Order Format	5 Pages
Attachment 4 – DBE Participation (form ADM-0227F A&E)	1 Page
Attachment 5 – Disadvantaged Business Enterprises Utilization Report (form ADM-3069)	2 Pages
Attachment 6 – Davis-Bacon Wage Determinations	28 Pages

Items shown with an Asterisk (\*) are hereby incorporated by reference and made part of this Agreement as if attached hereto. These documents can be viewed at <http://www.ols.dgs.ca.gov/standard+language/default.htm>.

**IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.**

<b>CONTRACTOR (herein referred to as "the Consultant")</b>		California Department of General Services Use Only  JOM
CONSULTANT'S NAME (if other than an individual, state whether a corporation, partnership, etc.) <b>Signet Testing Laboratories, Inc.</b>		
BY (Authorized Signature) 	DATE SIGNED (Do not type) <b>10/19/13</b> URS	
PRINTED NAME AND TITLE OF PERSON SIGNING <b>A. Wayne Pietz, Vice President</b>		
ADDRESS <b>3526 Breakwater Court, Hayward, CA 94545</b>		
<b>STATE OF CALIFORNIA</b>		
AGENCY NAME <b>Department of Transportation</b>		<input checked="" type="checkbox"/> Exempt per: PCC 10430 (d)
BY (Authorized Signature) 	DATE SIGNED (Do not type) <b>10/11/13</b>	
PRINTED NAME AND TITLE OF PERSON SIGNING <b>Liz Salinas, Branch Chief</b>		
ADDRESS <b>Division of Procurement and Contracts, MS 65 1727 30<sup>th</sup> Street Sacramento, CA 95816</b>		

For

EXHIBIT A  
SCOPE OF WORK AND DELIVERABLES

I. SCOPE OF WORK

The Consultant shall perform professional and technical services required for Materials Sampling and Testing Support Services on an “as-needed” basis to support Caltrans in the development and construction of proposed Caltrans transportation facilities.

- A. The work to be performed under this Agreement is described in Attachment 1.
- B. The services shall be performed in District 4, South Bay counties of San Francisco, Santa Clara, Alameda, and San Mateo. The specific location of work to be performed will be stated in each Task Order.
- C. This Agreement will commence on **October 11, 2013** or upon approval by Caltrans, whichever is later and no work shall begin before that time. This Agreement is of no effect unless approved by Caltrans. The Consultant shall not receive payment for work performed prior to approval of the Agreement and before receipt of notice to proceed by the Caltrans Contract Manager. This Agreement shall expire on **December 31, 2016**. The services shall be provided during working hours, Monday through Friday, except holidays unless otherwise specified in a Task Order. The parties may amend this Agreement as permitted by law.
- D. All inquiries during the term of this Agreement will be directed to the project representatives identified below:

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SCOPE OF WORK AND DELIVERABLES

THE DEPARTMENT	THE CONSULTANT
Caltrans Contract Manager: Kannu Balan	Consultant Contract Manager: Gregory Ruf
District/Division: Program/Project Management/CSU, MS 7B	Office/Branch:
Address: 111 Grand Avenue Oakland, CA 94612	Address: 3526 Breakwater Court Hayward, CA 94545
Phone: 510-622-1760	Phone: 510-887-8484
Fax: 510-622-0198	Fax: 510-259-1068
e-mail: <a href="mailto:kannu.balan@dot.ca.gov">kannu.balan@dot.ca.gov</a>	e-mail: <a href="mailto:greg.ruf@urs.com">greg.ruf@urs.com</a>

E. Work Guarantee

Caltrans does not guarantee, either expressly or by implication, that any work or services will be required under this Agreement.

F. Licenses and Permits

1. The Consultant shall obtain at its expense all license(s) and permit(s) required by law for accomplishing any work required in connection with this Agreement.
2. In the event the Consultant fails to keep in effect at all times all required license(s) and permit(s), Caltrans may, in addition to any other remedies it may have, terminate this Agreement upon occurrence of such event.

II. TASK ORDER

- A. Specific projects will be assigned to the Consultant through issuance of Task Orders. See sample Task Order format, Attachment 3.
- B. After a project to be performed under this Agreement is identified by Caltrans, Caltrans will prepare a draft Task Order. The draft Task Order will identify the scope of services, expected results, project deliverables, period of performance, project schedule and will designate a Caltrans Project Coordinator. The draft Task Order will be delivered to the Consultant for review. The Consultant shall return the draft Task Order within no more than ten (10) calendar days along with a cost estimate

EXHIBIT A  
SCOPE OF WORK AND DELIVERABLES

including a written estimate of the number of hours per staff person, any anticipated reimbursable expenses, and total dollar amount. The Consultant agrees that each cost estimate shall be the product of a good faith effort exercise of engineering judgment. After agreement has been reached on the negotiable items, the finalized Task Order shall be signed by both Caltrans and the Consultant. If Caltrans and Consultant are unable to reach agreement, Caltrans may terminate this Agreement in accordance with the provisions of Exhibit D, entitled "Termination."

- C. Task Orders may be negotiated for a Firm Fixed Price or for specific rates of compensation, both of which must be based on the labor and other rates set forth in the Consultant's Cost Proposal, Attachment 2.
- D. A Task Order is of no force or effect until returned to Caltrans and signed by an authorized representative of Caltrans. No expenditures are authorized on a project and work shall not commence until a Task Order for that project has been executed by Caltrans.
- E. The Consultant shall not commence performance of work or services on a Task Order until it has been approved by Caltrans and notification to proceed has been issued by the Caltrans Contract Manager. No payment will be made for any work performed prior to approval or after the period of performance of the Task Order.
- F. If the Consultant 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.
- G. 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 Agreement.
- H. The total amount payable by Caltrans for an individual Task Order shall not exceed the amount agreed to in the Task Order. Task Orders and/or Task Order Revisions require written approval by the Consultant and Caltrans.
- I. If applicable, when a subsequent agreement for the same or similar scope of work is executed within three (3) months prior to the termination of

EXHIBIT A  
SCOPE OF WORK AND DELIVERABLES

this Agreement, no additional Task Orders shall be executed under this Agreement upon the effective date of the subsequent agreement.

- J. Task Orders may not be used to amend this Agreement and may not exceed the scope of work under this Agreement.

III. CONSULTANT REPORTS AND/OR MEETINGS

- A. The Consultant shall submit progress reports at least once a month. The report should be sufficiently detailed for the Caltrans Contract Manager to determine if the Consultant is performing to expectations and is on schedule, to provide communication of interim findings and to afford occasions for airing difficulties or special problems encountered so remedies can be developed. Separate detail shall be provided for each on-going Task Order.
- B. Progress reports shall identify the total number of hours worked by the Consultants' and Subconsultants' personnel by use of the Caltrans Work Breakdown Structure (WBS) level element(s). The WBS is included in the Guide to Project Delivery Workplan Standards, which can be found at <http://www.dot.ca.gov/hq/projmgmt/guidance.htm>.
- C. The Consultant's Contract Manager shall meet with the Caltrans Contract Manager as needed to discuss progress on the Agreement.

EXHIBIT B  
BUDGET DETAIL AND PAYMENT PROVISIONS

I. FUNDING REQUIREMENTS

- A. It is mutually understood between the parties that this Agreement may have been written before ascertaining the availability of congressional or legislative appropriation of funds for the mutual benefit of both parties in order to avoid program and fiscal delays that would occur if the Agreement were executed after that determination was made.
- B. This Agreement is valid and enforceable only if sufficient funds are made available to Caltrans by the United States Government or the California State Legislature for the purpose of this program. In addition, this Agreement is subject to any additional restrictions, limitations, conditions, or any statute enacted by the Congress or the State Legislature that may affect the provisions, terms, or funding of this Agreement in any manner.
- C. It is mutually agreed that if the Congress or the State Legislature does not appropriate sufficient funds for the program, this Agreement shall be amended to reflect any reduction in funds.
- D. Caltrans has the option to terminate the Agreement under the 30-day termination clause pursuant to Exhibit D, section III.
- E. Pursuant to Government Code, Section 927.13(d), no late payment penalty shall accrue during any time period for which there is no Budget Act in effect, nor on any payment or refund that is the result of a federally mandated program or that is directly dependent upon the receipt of federal funds by a state agency.

II. COMPENSATION AND PAYMENT

- A. The Consultant will be reimbursed for hours worked at the hourly rates specified in the Consultant's Cost Proposal, (See Attachment 2). The specified hourly rates shall include direct salary costs, employee benefits, prevailing wages, employer payments, overhead, and fee. These

EXHIBIT B  
BUDGET DETAIL AND PAYMENT PROVISIONS

rates are not adjustable for the performance period set forth in this Agreement.

- B. In addition, the Consultant will be reimbursed for direct costs, other than salary costs, that are identified in an executed Task Order.
- C. Consultant shall be responsible for any future adjustments to prevailing wage rates including, but not limited to, base hourly rates and employer payments as determined by the Department of Industrial Relations. The Consultant is responsible for paying the appropriate rate, including escalations that take place during the term of the Agreement.
- D. A mistake, inadvertence, or neglect by the Consultant in failing to pay the correct rates of prevailing wage will be remedied solely by the Consultant and will not, under any circumstances, be considered as the basis of a claim against Caltrans on the Agreement.
- E. In compliance with 49 CFR 26.37, revised on February 28, 2011, a Disadvantaged Business Enterprises Utilization Report (form ADM-3069) is required, as specified in this Agreement.
  - 1. The Consultant shall submit a Disadvantaged Business Enterprises Utilization Report (form ADM-3069), Attachment 5, with each invoice. Also refer to Exhibit D, Special Terms and Conditions.
  - 2. Failure to provide the Disadvantaged Business Enterprises Utilization Report (form ADM-3069) with the invoice will result in twenty-five percent (25%) of the dollar value of the invoice being withheld from payment until the form is submitted. The amount will be returned to the Consultant when a satisfactory Disadvantaged Business Enterprises Utilization Report (form ADM-3069) is submitted to the Caltrans Contract Manager.
- F. Transportation and subsistence costs to be reimbursed shall be the actual costs incurred, but not to exceed the rates stipulated in the "Caltrans Travel Guide, Consultant/Contractors Travel Policy." See <http://www.dot.ca.gov/hq/asc/travel/ch12.htm>. When prevailing wages apply to the services described in Attachment 1, transportation and subsistence costs shall be reimbursed at the minimum rates set by the

EXHIBIT B  
BUDGET DETAIL AND PAYMENT PROVISIONS

Department of Industrial Relations (DIR) as outlined in the applicable Prevailing Wage Determination. See <http://www.dir.ca.gov>.

- G. Progress payments:
1. Progress payments will be made monthly in arrears based on services provided at specific hourly rates and allowable direct cost incurred for Task Orders negotiated with specific rates of compensation. Progress payments for Firm Fixed Price Task Orders will be based on the percentage of work completed.
  2. To determine allowable incurred Subconsultant costs that are eligible for reimbursement, in addition to reimbursement for actual costs that are incurred, Caltrans will allow Subconsultant costs that are treated by the Consultant as accrued due to such costs having been billed to the Consultant and recognized by the Consultant and Caltrans as valid, undisputed, due and payable.
  3. By submitting accrued but unpaid Subconsultant costs for reimbursement, the Consultant agrees that within ten (10) days of receipt of reimbursement, the full amount submitted as a reimbursable accrued Subconsultant cost shall be paid to the Subconsultant.
- H. The Consultant shall not commence performance nor will payment be made for any work performed prior to approval of this Agreement by State and written notification to proceed has been issued by the Caltrans Contract Manager, nor will any payment be made for work performed after the expiration date of this Agreement.
- I. The Consultant will be reimbursed in arrears for services satisfactorily rendered and approved by the Caltrans Contract Manager, as promptly as fiscal procedures will permit upon receipt by the Caltrans Contract Manager of itemized invoices in triplicate. Separate invoices itemizing all costs are required for all work performed under each Task Order.
- J. Invoices shall be submitted showing the Caltrans Work Breakdown Structure (WBS) level element for each billable hour increment and/or detail of work performed on each milestone, on each project as

EXHIBIT B  
BUDGET DETAIL AND PAYMENT PROVISIONS

applicable. Task Orders and invoicing shall include, but are not limited to, the WBS elements listed for defined/related services and products. The WBS is included in the Guide to Project Delivery Workplan Standards, which can be found at <http://www.dot.ca.gov/hq/projmgmt/guidance.htm>. Incomplete invoices shall be returned unpaid to the Consultant for correction. Caltrans shall not pay disputed portions of invoices.

- K. When prevailing wage rates apply, the Consultant must submit with each invoice a certified copy of the payroll for compliance verification. Invoice payment will not be made until the payroll has been verified and the invoice approved by the Caltrans Contract Manager.
- L. The sample invoice format can be found at <http://caltrans-opac.ca.gov/aeinfo.htm>. Invoices shall reference this Agreement number, project title, and Task Order number. Invoices shall be submitted no later than 45 calendar days after completion of each billing period. Any credit, as provided under this Agreement, due Caltrans must be reimbursed by the Consultant prior to the expiration or termination of this Agreement. Invoices shall be mailed to the Caltrans Contract Manager or Consultant Service Unit at the following address:

DEPARTMENT OF TRANSPORTATION  
Attention: Kannu Balan  
Consultant Services Unit, MS 7B  
111 Grand Avenue  
Oakland, CA 94612

- M. 49 CFR 18.23 requires that federal funds must be expended within 90 days of the expiration of the funding period. Accordingly, the invoices for approved monthly services must be submitted by the Consultant and received by the Caltrans Contract Manager within 45 calendar days of the completion of the approved monthly services specified in each Task Order. If Caltrans does not receive invoices from the Consultant by the required deadline, Caltrans may reduce the payment on the invoice based on the formula set forth in Government Code 927.6 to offset in part the loss of federal funds encumbered for this Agreement.

EXHIBIT B  
BUDGET DETAIL AND PAYMENT PROVISIONS

- N. The final Task Order invoice shall state the final cost and all credits due Caltrans. The final invoice should be submitted within 60 calendar days after Caltrans Contract Manager notifies the Consultant Contract Manager of completion of the services. Should Caltrans dispute any of the costs billed in the final Task Order invoice, Caltrans shall pay the undisputed portions of the invoice as provided in this Section II. Caltrans will not pay for charges that are in dispute until final resolution of the cost-related disputes.
- O. Payment will be made in accordance with, and within the time specified in, Government Code Chapter 4.5, commencing with Section 927.
- P. The total amount payable by Caltrans, for all Task Orders resulting from this Agreement, shall not exceed **\$3,000,000.00**. It is understood and agreed that this total is an estimate, and that the actual amount of work requested by Caltrans may be less. There is no guarantee, either expressed or implied, as to the actual dollar amount that will be authorized under this Agreement through Task Orders. In no event shall Task Orders be issued that will exceed this maximum.
- Q. Any written report prepared as a requirement of this Agreement shall contain, in a separate section of such written report, the number and dollar amounts of all agreements and subagreements relating to the preparation of those reports if the combined costs for work by nonemployees of the State exceed \$5,000.00.
- R. Prime Consultant's Indirect Cost Rates (ICR) indicated in Attachment 2, Cost Proposal, are based on 48 CFR, Part 31.
- S. Caltrans, at its sole discretion, may review and/or audit and approve either the CPA ICR documentation or the Consultant's in-house developed rate if the Consultant has not commissioned or prepared CPA ICR documentation at any time before the execution of this Agreement, while this Agreement is in effect, or after expiration of this Agreement up to the time limit set forth in Exhibit D, section XII, Retention of Records/Audits.
- T. Limitations: Use of the rate(s) contained in this Agreement is subject to any statutory or administrative limitations and is applicable to a given

**EXHIBIT B**  
**BUDGET DETAIL AND PAYMENT PROVISIONS**

contract only to the extent that funds are available. Acceptance of the rate(s) agreed to herein is predicated upon the following conditions:

1. That no costs other than those incurred by the Consultant or allocated to the Consultant were included in its indirect cost pool as finally accepted and that such costs are legal obligations of the Consultant and allowable under the governing cost principles.
2. That the same costs that have been treated as indirect costs have not been claimed as direct costs.
3. That similar types of costs have been accorded consistent accounting treatment to all clients (state, federal, local government, commercial/private) under similar circumstances, and
4. That the information provided by the Consultant which was used as a basis for acceptance of the rate(s) agreed to herein is not subsequently found to be materially inaccurate.

The elements of indirect cost and the type of distribution base(s) used in computing provisional rates are subject to revision when final rates are established. Also, the rates cited in this Agreement are subject to audit.

- U. At the discretion of Caltrans, the indirect rate(s) and related workpapers may be reviewed by Caltrans Division of Audits & Investigations (A&I) to verify the accuracy and CPA's compliance with 48 CFR, Part 31 and related laws and regulations, and to determine if the audit report format is acceptable.
- V. Any subagreement in excess of \$25,000.00, entered into as a result of this Agreement, shall contain all of the provisions of this clause.

**III. COST PRINCIPLES**

- A. The Consultant agrees that Title 48 Code of Federal Regulations (CFR), Part 31, Contract Cost Principles and Procedures (48 CFR 31 et seq.), shall be used to determine the allowability of individual terms of cost.

**EXHIBIT B**  
**BUDGET DETAIL AND PAYMENT PROVISIONS**

- B. The Consultant also agrees to comply with Federal procedures in accordance with Title 49 CFR, Part 18, Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments (49 CFR 18).
- C. Any costs for which payment has been made to the Consultant that are determined by subsequent audit to be unallowable under 48 CFR 31 or 49 CFR 18 are subject to repayment by the Consultant to Caltrans.
- D. Any subagreement in excess of \$25,000.00, entered into as a result of this Agreement, shall contain all the provisions of this clause.

EXHIBIT C  
GENERAL TERMS AND CONDITIONS

NOTE: In this Exhibit C – GTC 610, the General Terms and Conditions are included in this Agreement by reference and made part of this Agreement as if attached hereto. See <http://www.ols.dgs.ca.gov/Standard+Language/default.htm>.

The following language is to be included in lieu of the Standard Indemnification Clauses used in DGS GTC – 610 General Terms and Conditions.

Indemnification

The Consultant agrees to indemnify, defend, and hold harmless Caltrans, its officers, agents, and employees from any and all claims, demands, costs, or liability arising from or connected with the services provided hereunder due to negligent or intentional acts, errors, or omissions of the Consultant. The Consultant will reimburse Caltrans for any expenditure, including reasonable attorney fees, incurred by Caltrans in defending against claims ultimately determined to be due to negligent or intentional acts, errors, or omissions of the Consultant.

EXHIBIT D  
SPECIAL TERMS AND CONDITIONS

I. AMENDMENT (CHANGE IN TERMS)

- A. No amendment or variation of the terms of this Agreement shall be valid unless made in writing, signed by the parties, and approved as required. No oral understanding or agreement not incorporated in Agreement is binding on any of the parties.
- B. The Consultant shall only commence work covered by an amendment after the amendment is executed and notification to proceed has been provided by the Caltrans Contract Manager.
- C. There shall be no change in the Consultant's Contract Manager or members of the project team, as listed in the cost proposal, which is a part of this Agreement, without prior written approval by the Caltrans Contract Manager. If the Consultant obtains approval from the Caltrans Contract Manager to add or substitute personnel, the Consultant must provide the Personnel Request Form, a copy of the SF330 or resume for the additional or substituted personnel, along with a copy of the certified payroll for that person.

II. DISPUTES

- A. The Consultant shall continue with the responsibilities under this Agreement during any work dispute. Any dispute concerning a question of fact arising under this Agreement that is not disposed of by agreement shall be decided by a committee consisting of the Caltrans Contract Manager and the Caltrans Contract Officer who may consider written or verbal information submitted by the Consultant.
- B. Any dispute not resolved by the committee consisting of the Caltrans Contract Manager and Caltrans Contract Officer may be reviewed by the Consultant Claims Review Committee (CCRC). The CCRC will consist of the Division Chief of Project Delivery (Chairperson), Deputy Director of Administration and the Chief Counsel of Legal Services or their designees. Additional members or their designees may serve on the committee.

EXHIBIT D  
SPECIAL TERMS AND CONDITIONS

- C. No later than 30 calendar days after Caltrans Contract Manager notifies the Consultant Contract Manager that all work under the Agreement has been completed, the Consultant may request review by the CCRC of claims or disputes that are not resolved by the Caltrans Contract Manager and Caltrans Contract Officer under subsection II.A. above. The request for review will be submitted in writing through the Caltrans Contract Officer to the Chairperson, CCRC. A meeting by the CCRC will be scheduled after the Chairperson concurs. After the meeting, the CCRC will make recommendations to the Deputy Director of the functional program area, who will make the final decision for Caltrans.
- D. Neither the pendency of a dispute nor its consideration by the committee will excuse the Consultant from full and timely performance in accordance with the terms of this Agreement.

III. TERMINATION

This section regarding termination is in addition to GTC 610.

- A. Caltrans reserves the right to terminate this Agreement immediately in the event of breach or failure of performance by the Consultant, or upon 30 calendar days written notice to the Consultant if terminated for the convenience of Caltrans.
- B. Caltrans may terminate this Agreement and be relieved of any payments except as provided for under early termination should the Consultant fail to perform the requirements of this Agreement at the time and in the manner herein provided. In the event of such termination, Caltrans may proceed with the work in any manner deemed proper by Caltrans. All costs to Caltrans shall be deducted from any sum due the Consultant under this Agreement and the balance, if any, shall be paid to the Consultant upon demand.

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IV. EARLY TERMINATION OF THIS AGREEMENT OR TASK ORDER(S),  
OR SUSPENSION OF THIS AGREEMENT

General Conditions

- A. In the event this Agreement is terminated, suspended, or a Task Order is terminated for the convenience of Caltrans, the Consultant shall be paid for the percentage of the work completed, relative to the total work effort called for under this Agreement, and for termination costs. No billable costs will be considered payable under the Agreement during suspension.
- B. Within 30 calendar days of the date the Consultant is notified of the early termination of Task Order(s) issued against this Agreement for the convenience of Caltrans, the Consultant shall prepare and submit to the Caltrans Contract Manager, for approval, two (2) separate supplemental cost proposals:
  - 1. A final revised cost proposal for all project-related costs for the revised termination date, and
  - 2. A cost proposal specifically addressing the termination settlement costs only.

V. CONSULTANT'S DELIVERABLES UNDER EARLY TERMINATION

The Consultant shall provide all project-related documents and correspondence required as part of the Scope of Work/Deliverables or included in Task Orders. Project-related documents shall be described, listed, and identified as part of the final revised cost proposal. Project-related documents shall include all documents that are in complete and final form and which have been accepted as complete by Caltrans, or documents in draft and/or incomplete form for those deliverables, which are in progress by the Consultant and have not been accepted as complete. All documents must be received and accepted before the settlement cost invoice is paid.

EXHIBIT D  
SPECIAL TERMS AND CONDITIONS

VI. INVOICE SUBMITTAL UNDER EARLY TERMINATION

Separate final invoices for project-related costs and termination settlement costs shall be submitted no later than 30 calendar days after the date the Consultant is notified of acceptance of the final cost proposals by the Caltrans Contract Manager. Invoices shall be submitted in accordance with EXHIBIT B. The invoice for termination settlement costs shall include the following, to the extent they are applicable: lease termination costs for equipment and facilities approved under the terms of this Agreement; equipment salvage costs for equipment valued over \$500.00; rental costs for unexpired leases, less the residual value of the lease; cost of alterations and reasonable restorations required by the lease; settlement expenses, e.g., accounting, legal, clerical, storage, transportation, protection and disposition of property acquired or produced under this Agreement, indirect costs, such as payroll taxes, fringe benefits, occupancy costs, and immediate supervision costs related to wages and salaries, incurred as settlement costs.

VII. TERMINATION ISSUES FOR SUBCONSULTANTS, SUPPLIERS, AND SERVICE PROVIDERS

The Consultant shall notify any Subconsultant and service or supply vendor providing services under this Agreement of the early termination date of this Agreement. Failure to notify any Subconsultant and service or supply vendor shall result in the Consultant being liable for the termination costs incurred by any Subconsultant and service or supply vendor for work performed under this Agreement, except those specifically agreed to in the termination notice to the Consultant.

VIII. COST PRINCIPLES UNDER EARLY TERMINATION

Termination settlement expenses will be reimbursed in accordance with 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31. Subpart 31.205-42 (c) dealing with initial costs is not applicable to Architectural and Engineering Agreement terminations.

IX. DISPUTES UNDER EARLY TERMINATION CONDITIONS

Disputes under early termination conditions shall be resolved in accordance with this Exhibit.

EXHIBIT D  
SPECIAL TERMS AND CONDITIONS

X. CONSULTANT CLAIMS AGAINST THIS AGREEMENT OR TASK ORDER(S) UNDER EARLY TERMINATION

The Consultant agrees to release Caltrans from any and all further claims for services performed arising out of this Agreement or its early termination, upon acceptance by the Consultant of payment in the total amount agreed upon as full and final payment of its costs from performance and early termination of this Agreement or Task Order(s).

XI. NON-DISCRIMINATION

This section regarding non-discrimination is in addition to GTC 610.

- A. During the performance of this Agreement, the Consultant and its Subconsultants 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), medical condition (cancer), age, marital status, denial of family and medical care leave, and denial of pregnancy disability leave. Consultants and Subconsultants shall insure that the evaluation and treatment of their employees and applicants for employment are free of such discrimination and harassment. The Consultant and Subconsultants shall comply with the provision of the Fair Employment and Housing Act (Government Code, Section 12900 et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, Section 7285.0 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 Agreement by reference and made a part hereof as if set forth in full. The Consultant and its Subconsultants shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.
- B. Appendix A, relative to nondiscrimination on federally assisted projects, is attached hereto and made a part of this Agreement. (See the last three pages of this Exhibit D.)

EXHIBIT D  
SPECIAL TERMS AND CONDITIONS

- C. The Consultant shall comply with the nondiscrimination program requirements of Title VI of the Civil Rights Act of 1964. Accordingly, 49 CFR Part 21, and 23 CFR Part 200 is applicable to this Agreement by reference.
- D. The Consultant shall include the nondiscrimination and compliance provisions of this clause in all subagreements to perform work under this Agreement.

XII. RETENTION OF RECORD/AUDITS

- A. For the purpose of determining compliance with Government Code Section 8546.7, the Consultant, Subconsultants, and Caltrans shall maintain all books, documents, papers, accounting records, and other evidence pertaining to the performance of the Agreement, including but not limited to, the costs of administering the Agreement. All parties shall make such materials available at their respective offices at all reasonable times during the Agreement period and for three (3) years from the date of final payment under the Agreement. Caltrans, the State Auditor, FHWA, or any duly authorized representative of the Federal government having jurisdiction under Federal laws or regulations (including the basis of Federal funding in whole or in part) shall have access to any books, records, and documents of the Consultant that are pertinent to the Agreement for audits, examinations, excerpts, and transactions, and copies thereof shall be furnished if requested.
- B. Any subagreement in excess of \$25,000.00, entered into as a result of this Agreement, shall contain all the provisions of this clause.

XIII. SUBCONTRACTING

- A. Nothing contained in this Agreement or otherwise, shall create any contractual relation between the State and any subconsultants, and no subagreement shall relieve the Consultant of its responsibilities and obligations hereunder. The Consultant agrees to be as fully responsible to the State for the acts and omissions of its subconsultants and of persons either directly or indirectly employed by any of them as it is for the acts and omissions of persons directly employed by the Consultant. The Consultant's obligation to pay its subconsultants is an independent

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SPECIAL TERMS AND CONDITIONS

obligation from the State's obligation to make payments to the Consultant.

- B. The Consultant shall perform the work contemplated with resources available within its own organization and no portion of the work shall be subcontracted without written authorization by the Caltrans Contract Manager, except that which is expressly identified in the Consultant's Cost Proposal.
- C. Any subagreement in excess of \$25,000, entered into as a result of this Agreement, shall contain all the provisions stipulated in this Agreement to be applicable to subconsultants unless otherwise noted.
- D. Contractor shall pay its subconsultants within ten (10) calendar days from receipt of each payment made to the Consultant by the State.
- E. Any substitution of subconsultants must be approved in writing by the Caltrans Contract Manager in advance of assigning work to a substitute subconsultant.

XIV. EQUIPMENT PURCHASE

- A. Prior authorization in writing by the Caltrans Contract Manager shall be required before the Consultant enters into any non-budgeted purchase order or subagreement exceeding \$500.00 for supplies, equipment, or Consultant services. The Consultant 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 the Consultant's Cost Proposal and exceeding \$500.00, with prior authorization by the Contract Manager, three (3) competitive quotations must be submitted with the request or the absence of bidding must be adequately justified.
- C. The Consultant shall maintain an inventory record for each piece of non-expendable equipment purchased or built with funds provided under the terms of this Agreement. The inventory record of each piece of such equipment shall include the date acquired, total cost, serial number, model identification (on purchased equipment), and any other

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information or description necessary to identify said equipment. Non-expendable equipment so inventoried are those items of equipment that have a normal life expectancy of one (1) year or more and an approximate unit price of \$5,000.00 or more. In addition, theft-sensitive items of equipment costing less than \$5,000.00 shall be inventoried. A copy of the inventory record must be submitted to Caltrans on request by Caltrans.

- D. Any equipment purchased by the Consultant will be returned to Caltrans at the end of this Agreement or, if not returned to Caltrans, it will be disposed of as agreed to by both parties. Both Caltrans and Consultant agree to comply with State Administrative Manual, Section 3520, Disposal of Surplus Personal Property, if Caltrans determines that Caltrans will not retain the equipment.
- E. 49 CFR, Part 18 requires a credit to Federal funds when participating equipment with a fair market value greater than \$5,000.00 is credited to the project.
- F. Any subagreement entered into as a result of this Agreement shall contain all the provisions of this clause.

XV. INSPECTION OF WORK

The Consultant and any Subconsultants shall permit Caltrans and the FHWA to review and inspect the project activities at all reasonable times during the performance period of this Agreement including review and inspection on a daily basis.

XVI. SAFETY

- A. The Consultant shall comply with OSHA regulations applicable to the Consultant regarding necessary safety equipment or procedures. The Consultant shall comply with safety instructions issued by the District Safety Officer and other State representatives. The Consultant's personnel shall wear white hard hats and orange safety vests at all times while working on the construction project site.

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- B. Pursuant to the authority contained in Section 591 of the Vehicle Code, Caltrans has determined that within such areas as are within the limits of the project and are open to public traffic, the Consultant shall comply with all of the requirements set forth in Divisions 11, 12, 13, 14, and 15 of the Vehicle Code. The Consultant 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. The Consultant or Subconsultant(s) 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 practice, work, method, operation, or process related to the construction or excavation of trenches which are five feet or deeper.
- D. Any subagreement, entered into as a result of this Agreement, shall contain all of the provisions of this clause.

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XVII. INSURANCE

A. The Consultant shall furnish to Caltrans Certificates of Insurance for the minimum coverage set forth below. The Consultant shall be fully responsible for all policy deductibles and any self-insured retention. All insurance shall be with an insurance company with an A.M. Best's Financial Strength Rating of A- or better with a Financial Size Category of VI or better.

B. Required Coverages and Limits:

1. Workers Compensation (statutory) and Employers Liability Insurance:

\$1,000,000 for bodily injury for each accident

\$1,000,000 policy limit for bodily injury by disease

\$1,000,000 for each employee for bodily injury by disease

If there is an exposure of injury to the Consultant's employees under the U.S. Longshoremen's and Harbor Workers' Compensation Act, the Jones Act, or under laws, regulations, or statutes applicable to maritime employees, coverage shall be included for such injuries or claims.

If work is performed on State owned or controlled property the policy shall contain a waiver of subrogation in favor of the State. The waiver of subrogation endorsement shall be provided in addition to the certificate of insurance.

2. Commercial General Liability Insurance with limits no less than:

\$1,000,000 per occurrence

\$2,000,000 products completed operations aggregate

\$2,000,000 general aggregate

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The policy's general aggregate shall apply separately to the Consultant's work under this Agreement by evidencing a per project aggregate endorsement separately attached to the certificate of insurance.

The policy shall include coverage for liabilities arising out of premises, operations, independent consultants, products, completed operations, personal & advertising injury, and liability assumed under an insured Agreement. This insurance shall apply separately to each insured against whom claim is made or suit is brought subject to the Consultant's limit of liability. The policy must include:

Caltrans, State of California, its officers, agents, employees and servants are included as additional insureds, but only with respect to work performed under this Agreement.

This endorsement must be supplied under form acceptable to the Office of Risk and Insurance Management.

3. Automobile liability, including owned, non-owned and hired autos, with limits not less than \$1,000,000 combined single limit per accident. The same additional insured designation and endorsement required for general liability is to be provided for this coverage.
4. A \$1,000,000 umbrella or excess liability shall include premises/operations liability, products/completed operations liability, and auto liability coverage. The umbrella or excess policy shall contain a clause stating that it takes effect (drops down) in the event the primary limits are impaired or exhausted.
5. Professional Liability insurance with limits no less than:  
  
\$1,000,000 per claim  
  
\$2,000,000 in the aggregate

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The policy's retroactive date must be shown on the certificate and must be before this contract is executed or before the beginning of contract work.

Additionally, the Consultant shall maintain, or make a good faith effort to maintain, the Professional Liability insurance for a period of three (3) years after its performance under this Agreement.

- C. The insurance above shall be maintained in effect at all times during the term of this Agreement. If the insurance expires during the term of the Agreement, a new certificate must be submitted to the Caltrans Contract Manager not less than ten (10) days prior to the expiration of insurance. Failure to maintain the required coverage shall be sufficient grounds for Caltrans to terminate this Agreement for cause, in addition to any other remedies Caltrans may have available. Inadequate or lack of insurance does not negate the Consultant's obligations under the Agreement.
- D. The Consultant shall provide to the Caltrans Contract Manager within five (5) business days following receipt by Consultant a copy of any cancellation or non-renewal of insurance required by this Agreement. In the event Consultant fails to keep in effect at all times the specified insurance coverage, Caltrans may, in addition to any other remedies it may have, terminate this Agreement upon the occurrence of such event, subject to the provisions of the Agreement.
- E. Any required endorsements requested by Caltrans must be physically attached to all requested certificates of insurance and not substituted by referring to such coverage on the certificate of insurance.
- F. Any required insurance contained in this Agreement shall be primary and not in excess of or contributory to any other insurance carried by Caltrans.
- G. Caltrans will not be responsible for any premiums or assessments on the policy.
- H. For Agreements with hazardous activities, new certificates of insurance are subject to the approval of DGS, and the Consultant agrees that no work or services shall be performed prior to such approval.

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- I. The Consultant shall require all subconsultants to carry insurance based on the cost of the subcontract and the potential risk to Caltrans of the subcontracted work. Notwithstanding any coverage requirements for subconsultants, the Consultant shall be responsible for ensuring sufficient insurance coverage for all work performed under the Agreement, including the work of subconsultants.

XVIII. OWNERSHIP OF PROPRIETARY PROPERTY

For the purposes of this section (Ownership of Proprietary Property) the following definitions shall apply:

Work: As delineated in Attachment 1 (Scope of Work) of the Agreement.

Work Product: As defined as Deliverable in Attachment 1 (Scope of Work) of the Agreement, including but not limited to, all Work and Deliverables conceived or made, or made hereafter conceived or made, either solely or jointly with others during the term of this Agreement and during a period of six (6) months after the termination thereof, which relates to the Work commissioned or performed under this Agreement.

Inventions: Any idea, design, concept, technique, invention, discovery, improvement or development regardless of patentability made solely by the Consultant or jointly with the Consultant's Subcontractor and/or the Consultant's Subcontractor's employee's with one or more employees of the Department of Transportation (hereinafter referred to as "Caltrans"), during the term of this Agreement and in performance of any Work under this Agreement, provided that either the conception or reduction to practice thereof occurs during the term of this Agreement and in performance of Work issued under this Agreement.

A. Ownership of Work Product and Rights

1. Ownership of Work Product

All Work Product derived by the Work performed by the Consultant, its employees or by any of the Consultant's Subcontractor's employees under this Agreement, shall be owned by Caltrans and shall be considered works made for hire by the Consultant's

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Subcontractor for Caltrans. Caltrans shall own all United States and international copyrights in the Work Product.

As such, all Work Product shall contain, in a conspicuous place, a copyright designation consisting of a “c” in a circle followed by the four-digit year in which the Work Product was produced, followed by the words “California Department of Transportation.” For example, a Work Product created in the year 2003 would contain the copyright designation © 2003 California Department of Transportation.

2. Vesting of Copyright Rights

Consultant, its employees or any of Consultant’s Subcontractor’s employees agrees to perpetually assign, and upon creation of each Work Product automatically assigns, to Caltrans, its successors and assigns, ownership of all United States and international copyrights in each and every Work Product, insofar as any such Work Product, by operation of law, may not be considered work made for hire by the Consultant’s Subcontractor from Caltrans. From time to time upon Caltrans’ request, the Consultant’s Subcontractor and/or its employees shall confirm such assignments by execution and delivery of such assignments, confirmations or assignment, or other written instruments as Caltrans may request. Caltrans, its successors and assigns, shall have the right to obtain and hold in its or their own name(s) all copyright registrations and other evidence of rights that may be available for Work Product. Consultant hereby agrees to waive all moral rights relating to identification of authorship restriction or limitation on use, or subsequent modifications of the Work.

B. Inventions

1. Vesting of Patent Rights

The Consultant, its employees and any Consultant’s Subcontractor hereby agrees to assign to Caltrans, its successors, and assigns, all Inventions, together with the right to seek protection by obtaining patent rights therefore and to claim all rights or priority there under, and the same shall become and remain Caltrans’ property regardless

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of whether such protection is sought. The Consultant, its employees and Consultant's Subcontractor shall promptly make a complete written disclosure to Caltrans of each Invention not otherwise clearly disclosed to Caltrans in the pertinent Work Product, specifically pointing out features or concepts that the Consultant, its employees and Consultant's Subcontractor believes to be new or different. The Consultant, its employees and Consultant's Subcontractor shall, upon Caltrans' request and at Caltrans' expense, cause patent applications to be filed thereon, through solicitors designated by Caltrans, and shall sign all such applications over to Caltrans, its successors, and assigns. The Consultant, its employees and Consultant's Subcontractor shall give Caltrans and its solicitors all reasonable assistance in connection with the preparation and prosecution of any such patent applications and shall cause to be executed all such assignments or other instruments or documents as Caltrans may consider necessary or appropriate to carry out the intent on this Agreement.

2. Agency

In the event that Caltrans is unable for any reason whatsoever to secure the Consultant's, its employees' and/or Consultant's Subcontractor's signature to any lawful or necessary document required or desirable to apply for or prosecute any United States application (including renewals or divisions thereof), Consultant, its employees and Consultant's Subcontractor hereby irrevocably designates and appoints Caltrans and its duly authorized officers and agents, as its agent and attorney-in-fact, to act for and on Consultant, its employees and Consultant's Subcontractor's behalf and stead, to execute and file such applications and to do all other lawfully permitted acts to further the prosecution and issuance of any copyrights, trademarks or patents thereon with the same legal force and effect as if executed by Consultant, its employees and/or Consultant's Subcontractor. Caltrans shall have no obligations to file any copyright, trademark or patent applications.

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3. Avoidance of Infringement

In performing services under this Agreement, Consultant and its employees agree to avoid designing or developing any items that infringe one or more patents or other intellectual property rights of any third party. If Consultant or its employees becomes aware of any such possible infringement in the course of performing any Work under this Agreement, Consultant or its employees shall immediately notify Caltrans in writing.

C. Additional Provisions

Subcontractors

Consultant shall affirmatively bind by contract any of its subcontractors or service vendors (hereinafter "Consultant's Subcontractor") providing services under this Agreement to conform to the provisions of Exhibit D, section XIX. Consultant's Subcontractor shall then provide the signed contract to the Consultant, who shall provide it to the Caltrans Contract Manager prior to the commencement of any work. In performing services under this Agreement, Consultant's Subcontractor agrees to avoid designing or developing any items that infringe one or more patents or other intellectual property rights of any third party. If Consultant's Subcontractor becomes aware of any such possible infringement in the course of performing any Work under this Agreement, Consultant's Subcontractor shall immediately notify the Consultant in writing, Consultant will then immediately notify Caltrans in writing.

XIX. OWNERSHIP OF DATA

- A. Upon completion of all work under this Agreement, all intellectual property rights, ownership and title to all reports, documents, plans, specifications, and estimates produced as part of this Agreement will automatically be vested in Caltrans and no further agreement will be necessary to transfer ownership to Caltrans. The Consultant shall furnish

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Caltrans all necessary copies of data needed to complete the review and approval process.

- 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 Agreement has been entered into.
- C. The Consultant is not liable for claims, liabilities or losses arising out of, or connected with, the modification or misuse by Caltrans of the machine readable information and data provided by the Consultant under this Agreement; further, the Consultant is not liable for claims, liabilities or losses arising out of, or connected with, any use by Caltrans of the project documentation on other projects, for additions to this project, or for the completion of this project by others, excepting only such use as may be authorized, in writing, by the Consultant.
- D. Any subagreement in excess of \$25,000.00, entered into as a result of this Agreement, shall contain all of the provisions of this clause.

XX. CLAIMS FILED BY CALTRANS CONSTRUCTION CONTRACTOR

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

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supplement, if necessary, extending the termination date of this Agreement in order to finally resolve the claims.

- D. Any subagreement in excess of \$25,000.00, entered into as a result of this Agreement, shall contain all of the provisions of this clause.

XXI. CONFIDENTIALITY OF DATA

- A. All financial, statistical, personal, technical, or other data and information relative to Caltrans' operations, which is designated confidential by Caltrans and made available to the Consultant in order to carry out this Agreement, shall be protected by the Consultant from unauthorized use and disclosure.
- B. Permission to disclose information on one occasion or public hearing held by Caltrans relating to this Agreement shall not authorize the Consultant to further disclose such information or disseminate the same on any other occasion.
- C. The Consultant shall not comment publicly to the press or any other media regarding this Agreement or Caltrans' actions on the same, except to Caltrans staff, Consultant's own personnel involved in the performance of this Agreement, at public hearings, or in response to questions from a Legislative committee.
- D. The Consultant shall not issue any news release or public relations item of any nature whatsoever regarding work performed or to be performed under this Agreement without prior review of the contents thereof by Caltrans and receipt of Caltrans' written permission.
- E. All information related to the construction estimate is confidential and shall not be disclosed by the Consultant to any entity, other than Caltrans.
- F. Any subagreement, entered into as a result of this Agreement, shall contain all of the provisions of this clause.

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XXII. STANDARD OF CARE

Consultant represents that it possesses all necessary training, licenses, experience, and certifications to perform the Scope of Work, and shall perform all services in accordance with the degree of skill and care ordinarily used by competent practitioners of the same professional discipline under similar circumstances, and localities, taking into consideration the contemporary state of the practice and the project conditions.

XXIII. EVALUATION OF CONSULTANT

The Consultant's performance will be evaluated by Caltrans. A copy of the evaluation will be sent to the Consultant for comments. The evaluation, together with the comments, shall be retained by Caltrans.

XXIV. STATEMENT OF COMPLIANCE

The Consultant's signature affixed herein and dated shall constitute a certification under penalty of perjury under the laws of the State of California that the Consultant has, unless exempt, complied with the nondiscrimination program requirements of Government Code Section 12990 and Title 2, California Code of Regulations, Section 8103.

XXV. DEBARMENT AND SUSPENSION CERTIFICATION

- A. The Consultant's signature affixed herein shall constitute a certification under penalty of perjury under the laws of the State of California, that the Consultant or any person associated therewith in the capacity of owner, partner, director, officer or manager:
1. Is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency;
  2. Has not been suspended, debarred, voluntarily excluded, or determined ineligible by any federal agency within the past three (3) years;
  3. Does not have a proposed debarment pending; and

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4. 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.

- B. Any exceptions to this certification must be disclosed to Caltrans. Exceptions will not necessarily result in denial of recommendation for award, but will be considered in determining bidder responsibility. Disclosures must indicate the party to whom the exceptions apply, the initiating agency, and the dates of agency action.

XXVI. CONFLICT OF INTEREST

- A. During the term of this Agreement, the Consultant shall disclose any financial, business, or other relationship with Caltrans or the California Transportation Commission that may have an impact upon the outcome of this Agreement or any ensuing Caltrans construction project. The Consultant shall also list current clients who may have a financial interest in the outcome of this Agreement or any ensuing Caltrans construction project which will follow.
- B. The Consultant 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 Agreement.
- C. Any subagreement in excess of \$25,000.00, entered into as a result of this Agreement, shall contain all of the provisions of this clause.

XXVII. REBATES, KICKBACKS OR OTHER UNLAWFUL CONSIDERATION

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

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XXVIII. PROHIBITION OF EXPENDING STATE OR FEDERAL FUNDS FOR LOBBYING

- A. The Consultant certifies, to the best of his or her knowledge and belief, that:
1. No State or Federal appropriated funds have been paid or will be paid, by or on behalf of the Consultant, 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 agreement, 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 agreement, 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 Agreement, grant, loan, or cooperative agreement, the Consultant shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- B. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000.00 and not more than \$100,000.00 for each such failure.
- C. The Consultant also agrees by signing this document that he or she shall require that the language of this certification be included in all lower tier subagreements, which exceed \$100,000.00, and that all such subrecipients shall certify and disclose accordingly.

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XXIX. CONSULTANT CODE OF BUSINESS ETHICS AND CONDUCT (Dec. 2007)

A. Definition

United States, as used in this clause, means the 50 States, the District of Columbia, and outlying areas.

B. Code of Business Ethics and Conduct

1. Within 30 calendar days after contract award, the Consultant shall:

- a. Have a written code of business ethics and conduct; and
- b. Provide a copy of the code to each employee engaged in performance of the contract.

2. The Consultant shall promote compliance with its code of business ethics and conduct.

C. Awareness Program and Internal Control System for Other Than Small Businesses

This paragraph C does not apply if the Consultant has represented itself as a small business concern pursuant to the award of this contract. The Consultant shall establish within 90 days after contract award:

1. An ongoing business ethics and business conduct awareness program; and

2. An internal control system.

a. The Consultant's internal control system shall:

- (1) Facilitate timely discovery of improper conduct in connection with Government contracts; and
- (2) Ensure corrective measures are promptly instituted and carried out.

b. For example, the Consultant's internal control system should provide for:

- (1) Periodic reviews of company business practices, procedures, policies, and internal controls for compliance with the

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Consultant's code of business ethics and conduct and the special requirements of Government contracting.

- (2) An internal reporting mechanism, such as a hotline, by which employees may report suspected instances of improper conduct, and instructions that encourage employees to make such reports;
- (3) Internal and/or external audits, as appropriate; and
- (4) Disciplinary action for improper conduct.

D. Subcontracts

The Consultant shall include the substance of this clause, including this paragraph D, in subcontracts, except when the subcontract:

1. Is for the acquisition of a commercial item; or
2. Is performed entirely outside the United States.

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STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

APPENDIX A — FEDERAL FUNDING REQUIREMENTS

I. COMPLIANCE WITH REGULATIONS

The Consultant 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.

II. NON-DISCRIMINATION

The Consultant, with regard to the work performed by it during the Agreement shall act in accordance with Title VI. Specifically, the Consultant shall not discriminate on the basis of race, color, national origin, religion, sex, age, or disability in the selection and retention of Subconsultants, including procurement of materials and leases of equipment. The Consultant 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.

III. SOLICITATIONS FOR SUBAGREEMENTS, INCLUDING  
PROCUREMENTS OF MATERIALS AND EQUIPMENT

In all solicitations, either by competitive bidding or negotiation made by the Consultant for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential Subconsultant or supplier shall be notified by the Consultant of the Consultant's obligations under this Agreement and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.

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IV. INFORMATION AND REPORTS

The Consultant shall provide all information and reports required by the Regulations, or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and facilities as may be determined by the State Department of Transportation or any duly authorized representative of the Federal Government to be pertinent to ascertain compliance with such regulations or directives. Where any information required of a Consultant is in the exclusive possession of another who fails or refuses to furnish this information, the Consultant shall so certify to the State Department of Transportation, or any duly authorized Federal Agency as appropriate, and shall set forth what efforts it has made to obtain the information.

V. SANCTIONS FOR NONCOMPLIANCE

In the event of the Consultant's noncompliance with the nondiscrimination provisions of this Agreement, the State Department of Transportation shall impose such Agreement sanctions as it or any Federal funding agency may determine to be appropriate, including, but not limited to:

- A. Withholding of payments to the Consultant under the Agreement until the Consultant complies, and/or
- B. Cancellation, termination or suspension of the Agreement, in whole or in part.

VI. INCORPORATION OF PROVISIONS

The Consultant shall include the provisions of paragraphs (1) through (6) in every subagreement, including procurements of materials and leases of equipment, unless exempt by the Regulations or directives issued pursuant thereto. The Consultant will take such action with respect to any Subconsultant procurement as the State Department of Transportation or any Federal funding agency may direct as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that in the event a Consultant becomes involved in, or is threatened with, litigation with a Subconsultant or supplier as a result of such direction, the Consultant may request the State Department of Transportation to enter into such litigation to

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protect the interest of the State, and, in addition, the Consultant may request the United States to enter into such litigation to protect the interests of the United States.

FM 94 1984M

EXHIBIT E  
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- I. DBE INFORMATION AND CONTRACT GOAL REQUIREMENT FOR DBE PARTICIPATION
- A. This Agreement is subject to Title 49, Code of Federal Regulations, Part 26 (49 CFR 26), entitled “Participation by Disadvantaged Business Enterprises (DBEs) in Department of Transportation Financial Assistance Programs,” in the award and administration of federally assisted Agreements. The regulations in their entirety are incorporated by reference and made part of this Agreement as if attached hereto.
  - B. A DBE is a firm that has been certified as a DBE as specified in 49 CFR 26. Only the participation of certified DBEs will count toward any contract goal.
  - C. The contract goal for DBE participation for this Agreement is seventeen percent (17%). Participation by DBE prime and Subconsultants shall be in accordance with the information contained in the Disadvantaged Business Enterprise (DBE) Information form (ADM 0227F A&E) attached hereto and incorporated as part of this Agreement.
  - D. Non-compliance by Consultant or Subconsultant(s) with the requirements of the regulations is a material breach of this Agreement and may result in termination of the Agreement or other such appropriate remedy for a breach of this Agreement, as Caltrans deems appropriate.
  - E. Consultant or subconsultant shall not discriminate on the basis of race color, national origin or sex in the performance of this Agreement. Each subcontract signed by and between Consultant and Subconsultant(s) in the performance of this Agreement must include this assurance.
- II. SUBCONSULTANTS
- A. Consultant shall perform the work contemplated with resources available within its own organization and no portion of the work shall be subcontracted without written authorization by the Caltrans Contract Manager.

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- B. Any subcontract in excess of \$25,000, entered into as a result of this Agreement shall contain all the provisions stipulated in this Agreement to be applicable to subconsultants.
- C. Any substitution of Subconsultant(s) must be approved in writing by the Caltrans Contract Manager in advance of assigning work to a substitute Subconsultant(s).
- D. Nothing contained in this Agreement or otherwise shall create any contractual relation between the State and any Subconsultant(s), and no subcontract shall relieve Consultant of its responsibilities and obligations hereunder. Consultant agrees to be as fully responsible to the State for the acts and omissions of its Subconsultant(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 Consultant. Consultant's obligation to pay its Subconsultant(s) is an independent obligation from the State's obligation to make payments to Consultant. As a result, the State shall have no obligation to pay or to enforce the payment of any moneys to any subconsultant.

III. PERFORMANCE OF DBE CONSULTANTS AND OTHER DBE  
SUBCONSULTANTS/SUPPLIERS

- A. A DBE performs a Commercially Useful Function (CUF) when it is responsible for execution of the work of the Agreement and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a CUF, the DBE must also be responsible for materials and supplies used on the Agreement, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself. To determine whether a DBE is performing a CUF, evaluate the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the Agreement is commensurate with the work it is actually performing, and other relevant factors.
- B. A DBE does not perform a CUF if its role is limited to that of an extra participant in a transaction, Agreement, or project through which funds are passed in order to obtain the appearance of DBE participation. In

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

- C. If a DBE does not perform or exercise responsibility for at least thirty percent (30%) of the total cost of its Agreement with its own work force, or the DBE subcontracts a greater portion of the work of the Agreement than would be expected on the basis of normal industry practice for the type of work involved, presume that it is not performing a CUF.
- D. DBE Subconsultants shall perform the work and supply the materials that they have listed in their response to the Agreement award requirements specified on form ADM 0227F A&E, attached, unless Consultant has received prior written authorization to perform the work with other forces or to obtain the materials from other sources as set forth in the section below entitled "DBE Substitution."
- E. Consultant shall not be entitled to any payment for such work or material unless it is performed or supplied by the listed DBE or by other forces (including those of Consultant) pursuant to prior written authorization of the Caltrans Contract Manager.

IV. EXCLUSION OF RETENTION

- A. In conformance with 49 CFR 26.29 (b) (1), the retention of proceeds required by Public Contract Code (PCC), Section 10261 shall not apply.
- B. In conformance with Public Contract Code (PCC) Section 7200 (b), in subcontracts between Consultant and a Subconsultant and in subcontracts between a Subconsultant and any Subconsultant thereunder, retention proceeds shall not be withheld, and the exceptions provided in PCC Section 7200 (c), shall not apply. At the option of Consultant, Subconsultant(s) may be required to furnish payment and performance bonds issued by an admitted surety insurer.
- C. Any subcontract entered into as a result of this Agreement shall contain all of the provisions of this section.

EXHIBIT E  
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- V. PAYMENT TO DBE AND NON-DBE SUBCONSULTANT(S)
- A. Consultant shall pay its DBE Subconsultant(s) and non-DBE Subconsultant(s) within ten (10) calendar days from receipt of each payment made to Consultant by the State.
  - B. Prior to the fifteenth of each month, Consultant shall submit documentation to the Caltrans Contract Manager showing the amount paid to DBE trucking companies listed in Consultant's DBE information. This monthly documentation shall indicate the portion of the revenue paid to DBE trucking companies, which is claimed toward DBE participation. Consultant shall also obtain and submit documentation to the Caltrans Contract Manager showing the amount paid by DBE trucking companies to all firms, including owner-operators, for the leasing of trucks. The DBE who leases trucks from a non-DBE is entitled to credit only for the fee or commission it receives as a result of the lease arrangement. The records must confirm that amount of credit claimed toward DBE participation conforms to the requirements of section VIII below entitled, "DBE Substitutions."
  - C. Consultant shall also submit to the Caltrans Contract Manager documentation showing the truck number, name of owner, California Highway Patrol CA number and if applicable, the DBE certification number of the truck owner for all trucks used during that month for which DBE participation will be claimed. This documentation shall be submitted on the Monthly DBE Trucking Verification form provided to Consultant by the Caltrans Contract Manager.
  - D. Consultant shall return all moneys withheld in retention from a Subconsultant within 30 calendar days after receiving payment for work satisfactorily completed, even if other Agreement work is not completed and has not been accepted in conformance with the terms of the Agreement. This requirement shall not be construed to limit or impair any contractual, administrative, or judicial remedies otherwise available to Consultant or Subconsultant in the event of a dispute involving late payment or non-payment to Consultant or deficient subcontract performance or noncompliance by a Subconsultant.

EXHIBIT E  
ADDITIONAL PROVISIONS

VI. DBE RECORDS

- A. Consultant shall maintain records of all subcontracts entered into with certified DBE Subconsultant(s) and records of materials purchased from certified DBE supplier(s). The records shall show the name and business address of each DBE Subconsultant or vendor and the total dollar amount actually paid each DBE Subconsultant or vendor, regardless of tier. The records shall show the date of payment and the total dollar figure paid to all firms. DBE (prime) Consultant shall also show the date of work performed by their own forces along with the corresponding dollar value of the work.
- B. The Consultant shall prepare and submit a Disadvantaged Business Enterprises Utilization Report (form ADM-3069), Attachment 5, to the Caltrans Contract Manager with every invoice (refer to Exhibit B, Budget Detail and Payment Provisions).

VII. DBE SUBSTITUTIONS

- A. Consultant may not substitute a listed DBE Subconsultant, supplier or, if applicable, a trucking company, without the prior written approval of the Caltrans Contract Manager. Failure to obtain approval of substitute subconsultants before work is performed, supplies are delivered, or services are rendered may result in payment being denied by Caltrans.
- B. Consultant must make an adequate good faith effort (GFE) to find another certified DBE Subconsultant to substitute for the original DBE Subconsultant. GFE shall be directed at finding another DBE Subconsultant to perform at least the same amount of work under the Agreement as the DBE Subconsultant that was substituted or terminated to the extent needed to meet the contract goal for DBE participation established for the Agreement.
- C. The requirement that DBEs must be certified by the Statement of Qualification due date does not apply to DBE substitutions after award of the Agreement. DBEs substituted after award must be certified at the time of the substitution.

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ADDITIONAL PROVISIONS

- D. Consultants shall submit requests for substitution to the Caltrans Contract Manager. Authorization to use other Subconsultants or suppliers may be requested for the following reasons:
1. Listed DBE, after having had a reasonable opportunity to do so, fails or refuses to execute a written Agreement, when such written Agreement, based upon the terms and conditions for this Agreement or on the terms of such Subconsultant's or supplier's written proposal, is presented by Consultant.
  2. Listed DBE becomes bankrupt or insolvent.
  3. Listed DBE fails or refuses to perform subcontract or furnish listed materials.
  4. Consultant stipulated that a bond was a condition of executing subcontract and listed DBE Subconsultant failed or refuses to meet the bond requirements of Consultant.
  5. Work performed by listed Subconsultant is substantially unsatisfactory and is not in substantial conformance with scope of work to be performed, or Subconsultant is substantially delaying or disrupting the progress of work.
  6. When it would be in the best interest of the State.
- E. At a minimum, Consultant's substitution request to the Caltrans Contract Manager must include a:
1. Written explanation of the substitution reason and, if applicable, Consultant must also include the reason a non-DBE Subconsultant is proposed for use.
  2. Written description of the substitute business enterprise, including its business status, DBE certification number, and status as a sole proprietorship, partnership, corporation, or other entity.
  3. Written notice detailing a clearly defined portion of the work identified both as a task and as a percentage share/dollar amount of the overall Agreement that the substitute firm will perform.
- F. Prior to the approval of Consultant's substitution request, the Caltrans Contract Manager must give written notice to the Subconsultant being

**EXHIBIT E**  
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substituted by Consultant. A copy of the notice sent by the Caltrans Contract Manager must be sent to the Division of Procurement and Contracts (DPAC). The notice must do all of the following:

1. Give the reason Consultant is requesting substitution of the listed Subconsultant;
2. Give the listed Subconsultant five working days within which to submit written objections to DPAC and copies to the Caltrans Contract Manager;
3. Notify the Subconsultant that if a written objection is not received or received past the due date, such failure will constitute consent to the substitution; and
4. Be served by certified or registered mail to the last known address of the listed Subconsultant.

The listed Subconsultant, who has been so notified, shall have five working days within which to submit written objections of the substitution to the Caltrans Contract Manager. Failure to submit a written objection shall constitute the listed Subconsultant's consent to the substitution.

- G. If written objections are filed by the listed Subconsultant, DPAC will render a written decision. DPAC shall give written notice of at least five (5) working days to the listed Subconsultant of a hearing by Caltrans on Consultant's request for substitution.

**VIII. DBE CERTIFICATION AND DE-CERTIFICATION STATUS**

- A. If a DBE Subconsultant is decertified during the life of the Agreement, the decertified Subconsultant shall notify Consultant in writing with the date of decertification. If a Subconsultant becomes a certified DBE during the life of the Agreement, the Subconsultant shall notify Consultant in writing with the date of certification.
- B. Consultant shall report any changes to the Caltrans Contract Manager within 30 days.

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IX. DBE ELIGIBILITY

A. The dollar value of work performed by a DBE is credited/counted toward the goal only after the DBE has been paid.

B. Credit for DBE Prime Consultants

Consultant, if a certified DBE, is eligible to claim all of the work toward the goal except that portion of the work to be performed by non-DBE Subconsultants.

C. Credit for Material or Supplies

Credit for materials or supplies purchased from DBEs will be as follows:

1. If the materials or supplies are obtained from a DBE manufacturer, one hundred percent (100%) of the cost of the materials or supplies will count toward the DBE goal. A DBE manufacturer is a firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the Agreement and of the general character described by the specifications.
2. If the materials or supplies are purchased from a DBE regular dealer, sixty percent (60%) of the cost of the materials or supplies will count toward the DBE goal. A DBE regular dealer is a firm that owns, operates or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications and required under the Agreement are bought, kept in stock, and regularly sold or leased to the public in the usual course of business. To be a DBE regular dealer, the firm must be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question. A person may be a DBE regular dealer in such bulk items as petroleum products, steel, cement, gravel,

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ADDITIONAL PROVISIONS

stone or asphalt without owning, operating or maintaining a place of business provided in this paragraph.

3. 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 paragraph.
4. Credit for materials or supplies purchased from a DBE that 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.

D. Credit for DBE trucking companies will be as follows:

1. The DBE must manage and supervise the entire trucking operation for which it is responsible. There cannot be a contrived arrangement for the purpose of meeting the DBE goal.
2. The DBE must itself own and operate at least one fully licensed, insured and operational truck used on the Agreement.
3. The DBE receives credit for the total value of the transportation services it provides on the Agreement using trucks it owns, insures, and operates using drivers it employs.
4. The DBE may lease trucks from another DBE firm, including an owner-operator who is certified as a DBE. The DBE who leases trucks from another DBE receives credit for the total value of the transportation services the lessee DBE provides on the Agreement.
5. The DBE may also lease trucks from a non-DBE firm, including an owner-operator. The DBE who leases trucks from a non-DBE is

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

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

X. TERMINATION OF DBE

A. In conformance with 49 CFR 26.53 (f) (1) and 26.53 (f) (2):

1. Consultant shall not terminate for convenience a listed DBE Subconsultant and then perform that work with its own forces (personnel), or those of an affiliate, unless Consultant has received prior written authorization from the Caltrans Contract Manager to perform the work with other forces (other than Consultant's own personnel) or to obtain materials from other sources; and
2. If a DBE Subconsultant is terminated or fails to complete its work for any reason, Consultant will be required to make GFE to replace the original DBE Subconsultant with another DBE Subconsultant to the extent needed to meet the Agreement goal.

B. Noncompliance by Consultant with the requirements of this section is considered a material breach of this Agreement and may result in termination of the Agreement or other such appropriate remedies for a breach of this Agreement as Caltrans deems appropriate.

EXHIBIT F  
PREVAILING WAGE REQUIREMENTS

I. STATE PREVAILING WAGE RATES

- A. The Consultant shall comply with all of the applicable provisions of the California Labor Code requiring the payment of prevailing wages. The General Prevailing Wage Rate Determinations applicable to work under this Agreement are available and on file with the Department of Transportation's Regional/District Labor Compliance Officer. ([http://www.dot.ca.gov/hq/construc/LaborCompliance/LCO\\_District\\_Map.pdf](http://www.dot.ca.gov/hq/construc/LaborCompliance/LCO_District_Map.pdf)). These wage rates are made a specific part of this Agreement by reference pursuant to Labor Code Section 1773.2 and will be applicable to work performed at a construction project site. Prevailing wages will be applicable to all inspection work performed at Caltrans construction sites, at Caltrans facilities and at off-site locations that are set up by the construction contractor or one of its subcontractors solely and specifically to serve Caltrans projects. Prevailing wage requirements do not apply to inspection work performed at the facilities of vendors and commercial materials suppliers that provide goods and services to the general public.
- B. General Prevailing Wage Rate Determinations applicable to this project may also be obtained from the Department of Industrial Relations Internet site at <http://www.dir.ca.gov>.
- C. Payroll Records
1. Each Consultant and Subconsultant shall keep accurate certified payroll records and supporting documents as mandated by Section 1776 of the California Labor Code and as defined in Section 16000 of Title 8 of the California Code of Regulations, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by the Consultant or Subconsultant in connection with the public work. Each payroll record shall contain or be verified by a written declaration that it is made under penalty or perjury, stating both of the following:
    - a. The information contained in the payroll record is true and correct.

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PREVAILING WAGE REQUIREMENTS

- b. The employer has complied with the requirements of Sections 1771, 1811, and 1815 for any work performed by his or her employees on the public works project.
2. The payroll records enumerated under paragraph (1) above shall be certified as correct by the Consultant under penalty of perjury. The payroll records and all supporting documents shall be made available for inspection and copying by Caltrans representatives at all reasonable hours at the principal office of the Consultant. The Consultant shall provide copies of certified payrolls or permit inspection of its records as follows:
    - a. A certified copy of an employee's payroll record shall be made available for inspection or furnished to the employee or the employee's authorized representative on request.
    - b. A certified copy of all payroll records enumerated in paragraph (1) above, shall be made available for inspection or furnished upon request to a representative of Caltrans, the Division of Labor Standards Enforcement and the Division of Apprenticeship Standards of the Department of Industrial Relations. Certified payrolls submitted to Caltrans, the Division of Labor Standards Enforcement and the Division of Apprenticeship Standards shall not be altered or obliterated by the Consultant.
    - c. The public shall not be given access to certified payroll records by the Consultant. The Consultant is required to forward any requests for certified payrolls to the Caltrans Contract Manager by both facsimile and regular mail on the business day following receipt of the request.
  3. Each Consultant shall submit a certified copy of the records enumerated in paragraph (1) above, to the entity that requested the records within ten (10) days after receipt of a written request.
  4. Any copy of records made available for inspection as copies and furnished upon request to the public or any public agency by Caltrans shall be marked or obliterated in such a manner as to prevent disclosure of each individual's name, address and social security

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number. The name and address of the Consultant awarded the Agreement or performing the Agreement shall not be marked or obliterated.

5. The Consultant shall inform Caltrans of the location of the records enumerated under paragraph (1) above, including the street address, city and county, and shall, within five working days, provide a notice of a change of location and address.
6. The Consultant or Subconsultant shall have ten (10) days in which to comply subsequent to receipt of written notice requesting the records enumerated in paragraph (1) above. In the event the Consultant or Subconsultant fails to comply within the ten-day period, he or she shall, as a penalty to Caltrans, forfeit twenty-five dollars (\$25) for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Such penalties shall be withheld by Caltrans from payments then due. A contractor is not subject to a penalty assessment pursuant to this section due to the failure of a subcontractor to comply with this section.

D. When prevailing wage rates apply, the Consultant must submit with each invoice a certified copy of the payroll for compliance verification. Invoice payment will not be made until the payroll has been verified and the invoice approved by the Caltrans Contract Manager.

E. Penalty

1. The Consultant and any Subconsultant under the Consultant shall comply with Labor Code Sections 1774 and 1775. Pursuant to Section 1775, the Consultant and any Subconsultant shall forfeit to the State or political subdivision on whose behalf the Agreement is made or awarded a penalty of not more than fifty dollars (\$50.00) for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the Director of Industrial Relations for the work or craft in which the worker is employed for any public work done under the Agreement by the Consultant or by any Subconsultant under the Consultant in violation of the requirements of the Labor Code and in particular, Labor Code Sections 1770 to 1780, inclusive.

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PREVAILING WAGE REQUIREMENTS

2. The amount of this forfeiture shall be determined by the Labor Commissioner and shall be based on consideration of mistake, inadvertence, or neglect of the Consultant or subconsultant in failing to pay the correct rate of prevailing wages, or the previous record of the Consultant or Subconsultant in meeting their respective prevailing wage obligations, or the willful failure by the Consultant or Subconsultant to pay the correct rates of prevailing wages. A mistake, inadvertence, or neglect in failing to pay the correct rates of prevailing wages is not excusable if the Consultant or Subconsultant had knowledge of the obligations under the Labor Code. The Consultant is responsible for paying the appropriate rate, including any escalations that take place during the term of the Agreement.
3. In addition to the penalty and pursuant to Labor Code Section 1775, the difference between the prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof for which each worker was paid less than the prevailing wage rate shall be paid to each worker by the Consultant or Subconsultant.
4. If a worker employed by a Subconsultant on a public works project is not paid the general prevailing per diem wages by the Subconsultant, the prime Consultant of the project is not liable for the penalties described above unless the prime Consultant had knowledge of that failure of the Subconsultant to pay the specified prevailing rate of wages to those workers or unless the prime Consultant fails to comply with all of the following requirements:
  - a. The Agreement executed between the Consultant and the Subconsultant for the performance of work on public works projects shall include a copy of the requirements in Sections 1771, 1775, 1776, 1777.5, 1813, and 1815 of the Labor Code.
  - b. The Consultant shall monitor the payment of the specified general prevailing rate of per diem wages by the Subconsultant to the employees by periodic review of the certified payroll records of the Subconsultant.
  - c. Upon becoming aware of the Subconsultant's failure to pay the specified prevailing rate of wages to the Subconsultant's workers,

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the Consultant shall diligently take corrective action to halt or rectify the failure, including but not limited to, retaining sufficient funds due the Subconsultant for work performed on the public works project.

- d. Prior to making final payment to the Subconsultant for work performed on the public works project, the Consultant shall obtain an affidavit signed under penalty of perjury from the Subconsultant that the Subconsultant had paid the specified general prevailing rate of per diem wages to the Subconsultant's employees on the public works project and any amounts due pursuant to Section 1813 of the Labor Code.
5. Pursuant to Section 1775 of the Labor Code, Caltrans shall notify the Consultant on a public works project within 15 days of receipt of a complaint that a Subconsultant has failed to pay workers the general prevailing rate of per diem wages.
6. If Caltrans determines that employees of a Subconsultant were not paid the general prevailing rate of per diem wages and if Caltrans did not retain sufficient money under the contract to pay those employees the balance of wages owed under the general prevailing rate of per diem wages, the Consultant shall withhold an amount of moneys due the Subcontractor sufficient to pay those employees the general prevailing rate of per diem wages if requested by Caltrans.

F. Hours of Labor

Eight (8) hours labor constitutes a legal day's work. The Consultant shall forfeit, as a penalty to the State of California, twenty-five dollars (\$25.00) for each worker employed in the execution of the Agreement by the Consultant or any Subconsultant under the Consultant for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of the Labor Code, and in particular Sections 1810 to 1815 thereof, inclusive, except that work performed by employees in excess of eight (8) hours per day, and forty (40) hours during any one week, shall be permitted upon compensation for all hours worked in excess of eight (8) hours per day and forty (40) hours in any week, at

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not less than one and one-half times the basic rate of pay, as provided in Section 1815.

G. Employment of Apprentices

1. Where either the prime contract or the subcontract exceeds \$30,000, the Consultant and any subcontractors under him or her shall comply with all applicable requirements of Labor Code sections 1777.5, 1777.6 and 1777.7 in the employment of apprentices.
2. Contractors and subcontractors are required to comply with all Labor Code requirements regarding the employment of apprentices, including mandatory ratios of journey level to apprentice workers. Prior to commencement of work, Contractors and subcontractors are advised to contact the State Division of Apprenticeship Standards, P. O. Box 420603, San Francisco, California 94142-0603, or one of its branch offices, for additional information regarding the employment of apprentices and for the specific journey-to-apprentice ratios for the contract work. The prime Consultant is responsible for all subcontractors' compliance with these requirements. Penalties are specified in Labor Code Section 1777.7.

H. Any subagreement entered into as a result of this Agreement shall contain all of the provisions of this clause.

II. FEDERAL PREVAILING WAGES

A. The work herein proposed will be financed in whole or in part with Federal funds; therefore, all of the statutes, rules, and regulations promulgated by the Federal government are applicable to work financed in whole or in part with Federal funds and will be applicable to work performed at a construction project site.

B. Federal Requirements

1. Federal Requirements for Federal-Aid Construction Projects provisions shall apply to this Agreement and are made a part of the Agreement.

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2. The current Federal Prevailing Wage Determinations issued under the Davis-Bacon and related Acts shall apply to this Agreement and are made a part of the Agreement.
- C. When prevailing wage rates apply, the Consultant must submit, with each invoice, a certified copy of the payroll for compliance verification. Invoice payment will not be made until the payroll has been verified and the invoice approved by the Caltrans Contract Manager.
- D. If there is any conflict between the State prevailing wages and the Federal prevailing wages, the higher rate shall be paid.
- E. Any subagreement entered into as result of this Agreement shall contain all of the provisions of this clause.

**SCOPE OF WORK/DELIVERABLES**  
**Materials Sampling and Testing Support Services – South Bay**  
**On-Call**

A. Purpose of Work

The Consultant shall perform professional and technical services required for Materials Sampling and Testing Support Services on an “as-needed” basis to support Caltrans in the development and construction of proposed Caltrans transportation facilities. The Caltrans Contract Manager shall assign specific work to the Consultant through the issuance of Task Orders. Consultants will only perform work that is assigned in an authorized Task Order, and this Agreement does not guarantee that any Task Order will be issued. Caltrans organizational chart(s) are available on the Internet:

(Caltrans) <http://www.dot.ca.gov/orgchart/departmentalorgchart.pdf>

B. Location of Work

The Materials Sampling and Testing Support Services work shall be performed on projects to improve the State transportation system throughout the counties of South Bay (San Francisco, Santa Clara, Alameda, and San Mateo) in District 4 except the Supervisorial District 5 of Alameda County, which includes the cities of Albany, Berkeley, Emeryville, Piedmont, and West Oakland, North Oakland, Rockridge, Grand Lake, and portions of the Fruitvale, Manzanita and Diamond District neighborhoods will not be part of this contract. The specific location of the Materials Sampling and Testing Support Services work to be performed will be stated in each Task Order.

C. Required Services

Pursuant to an authorized Task Order, the Consultant shall provide Materials Sampling and Testing Support Services, all necessary personnel, material, transportation, lodging, instrumentation, and the specialized facilities and equipment necessary, to satisfy all appropriate agencies and ensure compliance with all applicable laws, regulations, standards, specifications, and performance standards applicable to the Contractor's services and work product. The Consultant shall perform comprehensive professional and technical services required unless the Scope of Work as specified in the Task Order is expressly limited in scope. Below is a list of proposed projects, which have anticipated needs, for Caltrans, however, this list is not exclusive and it does not constitute a commitment that the projects will be initiated or completed. Caltrans reserves the right to add/or delete projects from this list Caltrans intends to utilize this

contract to complete a specific piece of work for each of the projects listed herein utilizing the services detailed by the Scope of Work as specified in the Task Order. In the future, Caltrans may find it necessary to create a separate contract (or contracts) that involves a specific project listed herein and includes part of the work contained in this contract. Caltrans reserves the right to procure Architectural and Engineering (A&E) services involving the listed projects or unlisted projects (within the same geographical area) involving in whole or in part the same work using a project-specific contract. This contract does not preclude Caltrans from creating future separate procurements involving listed projects and using a project-specific contract. The Consultant may compete for these project-specific contracts.

3E290	SC	82	Grinding and OGFC
3E300	SM	84	Cold plane asphalt concrete and overlay with bonded wearing
4G410	SM	280	AC Surfacing
1G560	ALA	880	REMOVE EXISTING MEDIAN DOUBLE METAL
1G070	SCL	9	SHOULDER WIDENING
1123H	SM	1	MITIGATION AT DISPOSAL SITE, N & S PORTALS, S ROCK CUT & POND REPAIR
4A260	ALA	580	INSTALL METAL BEAM GUARDRAIL
4S070	SCL	101	INSTALL RSP
4S080	SCL	101	RECONSTRUCT SLOPE WITH GEOGRID AND
4S050	SCL	009	CONSTRUCT TIE-BACK WALL
2356A	SM	101	REPLACEMENT LANDSCAPING
2A430	SCL	9	IMPROVE SIGHT DISTANCE, UPGRADE
2A250	SCL	152	IMPROVE SIGHT DISTANCE, UPGRADE SHOULDERS, MINOR REALIGNMENT, TURN-
23562	SM	101	REPLACE BRIDGE STRUCTURE AT SAN FRANCISQUITO CREEK
15330	SCL	101	Install TOS, ramp metering and ramp widening.
3E410	ALA	61	Microsurfacing
3E420	SCL	35	High ADT/RAC Overlay
3E310	SCL	101	PCC SLAB REPLACEMENT
3E490	SCL	var routes	Methacrylate, Joint Seals, approach slabs repair.
3E510	ALA	var routes	Replace joint seals, apply methacrylate, repair approach slabs.

Consultant may be required to work on safety projects, emergency projects, Emergency Storm Damage Projects, excess parcel assessments, or other current/future transportation projects, including minor projects not listed above.

1. The proposed projects may vary in scope and size, and may encompass any type of improvement for the State transportation system including, but not necessarily limited to, roadway rehabilitation, widening and/or realignment of existing facilities, relocation of existing facilities, and construction of new facilities. The project location, limits, and scope of work to be performed will be described in each Task Order.
2. The Consultant will prepare the required deliverables, backup documents, other documents, and other items under this Agreement according to Caltrans' requirements for the Materials Sampling and Testing Support Services work.
3. The Consultant shall work closely with the Caltrans Contract Manager and his/her designated representatives designated in the Task Order.
4. The Consultant shall only provide incidental non-Architectural and Engineering (A&E) services, such as meeting support, provided (a) such services are necessary for the completion of the A&E tasks and/or deliverables performed by the Consultant described in executed Task Orders and covered by the work in this contract and (b) the rendering of the services if approved in advance by the Caltrans Contract Manager. These incidental services shall only be provided to support the Consultant's personnel who are performing A&E services, tasks, and deliverables on this contract. The Consultant will not be reimbursed for any non-A&E services provided to Caltrans unless provided in the fashion described herein and included in the executed Task Order. Services to train Caltrans staff shall not be provided by the Consultant under this contract.
5. The Consultant shall perform services relating to field sampling and in situ testing of materials (collectively, "Materials Sampling and Testing Work") as required by the Caltrans Contract Manager and specified in a Task Order. The Consultant shall perform services relating to laboratory testing, analysis, and reporting of materials (collectively, "Special Materials Analysis Work") as required by the Caltrans Contract Manager and as specified in a Task Order.
6. The Consultant will inspect roadway material processing plants operation during the production of Asphalt Concrete, Portland Cement Concrete, and other related materials. The Consultant will sample and test rock and sand according to the California Test Methods and the Caltrans' Construction Manual. The Consultant will also obtain samples of oil binders, cements and admixtures in accordance with the requirements of the Construction Manual. The Consultant will visit

quarries and mine pits to witness material source sampling, stockpiling and testing samples of binders, cement admixtures and other related materials.

7. The Consultant shall maintain a set of project files that shall be indexed in accordance with the Caltrans' California Test Methods Manual.
8. The Consultant will prepare the required calculations and reports according to Caltrans standards and requirements for the Materials Sampling and Testing Support Services work including the plant inspection services work.
9. The Consultant shall have the ability to respond in a timely and cost efficient manner to Caltrans requests for Materials Sampling and Testing Support Services work at any project locations.

D. Workplan Standards Guide Codes

Task Orders are based on the Caltrans Workplan Standards Guide (WSG). The latest Workplan Standards Guide (WSG) is found in the Guide to Project Delivery Workplan Standards, which is available from the Caltrans' Publication Unit and on the Internet at <http://www.dot.ca.gov/hq/projmgmt/guidance.htm>. All revisions to the current version of the Work Breakdown Structure (WBS) shall apply during the life of this contract. The WBS activities represent the potential and related work activities that may be required of the Consultant to be used for this Agreement include, but are not necessarily limited to, the following:

WBS Code	WBS Description
100.20	Project Management – Construction Component
270.35	Construction Material Sampling and Testing
270.35.05	Materials Sampling and Testing for Quality Assurance
270.35.10	Plant Inspection for Quality Assurance
270.35.15	Independent Assurance Sampling and Testing
270.35.20	Source Inspection
285.10	Functional Support
290.35	Claims Technical Support

E. Schedule of Performance/Period of Performance

This is a three (3) year contract. Task Orders will be issued and executed throughout the duration of this Agreement. Task Orders shall be completed in the timeframe stated in the Task Order and prior to the expiration of the Contract.

Caltrans and the Consultant will develop and agree to a schedule for the services and deliverables to be completed and delivered, and where appropriate, for acceptance criteria

and acceptance tests that the services and deliverables must satisfy to be accepted. All deliverables must satisfy the Standards set in order to be accepted for payment.

Services and deliverables identified in a Task Order will be completed and delivered as specified in the Task Order.

F. Personnel Requirements

1. The Consultant, including the prime consultant and all Sub-Consultants, shall, throughout the life of the Agreement, retain within its firm, a staff of people who shall be properly licensed and certified in accordance with the laws of the State of California and qualified to perform all aspects of the required Materials Sampling and Testing Support Services work described in this Contract and all work specified in a Task Order.

The Consultant shall be prepared to provide additional personnel, as necessary, during the course of contract performance to accommodate possible modifications and revisions to the Materials Sampling and Testing Support Services work.

2. The Consultant's personnel shall be capable, competent, and experienced in performing the types of Materials Sampling and Testing Support Services work in this Agreement with minimal instructions. Personnel skill level should match the task complexity. The Consultant's personnel shall be knowledgeable of, and comply with, all applicable local, State and Federal regulations.
3. The Consultant is required to submit a written request and obtain the Caltrans Contract Manager's prior written approval for any substitutions, additions, or modifications to the Consultant's originally proposed staff and project organization, as depicted on the proposed Consultant's Organization Chart or the Consultant's cost proposal. Substituted staff is subject to the same qualification requirements as the staff replaced
4. CONSULTANT Contract Manager:

The Consultant's Contract Manager shall coordinate the Materials Sampling and Testing Support Services related matters and Consultant's operations under this Agreement with the Caltrans Contract Manager

The Consultant's Contract Manager shall have a minimum of five (5) year(s) of responsible experience performing the duties as a contract manager for similar Materials Sampling and Testing Support Services contracts. The Consultant's Contract Manager will be an employee of the prime consultant.

The Consultant's Contract Manager will be a Registered Civil Engineer licensed in the State of California, with a minimum of five (5) years of demonstrated experience in Materials Sampling and Testing Support Services work.

In addition to other specified responsibilities, the Consultant's Contract Manager shall be responsible for all matters related to the Consultant's personnel, Sub-Consultants, Materials Sampling and Testing Support Services work, and Consultant's operations, including, but not necessarily limited to, the following:

- a. Supervising, reviewing, monitoring, training, and directing the Consultant's personnel.
- b. Assigning qualified personnel to complete the required Task Order work as specified.
- c. Administering personnel actions.
- d. Maintaining project files.
- e. Developing, organizing, facilitating, and attending scheduled coordination meetings and preparation and distribution of meeting minutes.
- f. Implementing and maintaining quality control procedures to manage conflicts, insure product accuracy, and identify critical reviews and milestones.
- g. Overseeing that all safety measures are in place.
- h. Providing invoices in a timely manner and provide monthly contract expenditures.
- i. Reviewing invoices for accuracy and completion before billing to Caltrans.
- j. Manage Sub-Consultants.
- k. Manage overall budget and provide report to the Caltrans Contract Manager.
- l. Monitoring and maintaining required DBE involvement
- m. Review of the test reports within a reasonable time frame of the completion of the tests to avoid delay of the field construction operation.

5. CONSULTANT Task Order Manager

For each Task Order the Consultant shall provide a Consultant Task Order Manager to coordinate the Consultant's Task Order operations with the Caltrans Contract Manager and the Caltrans Task Order Manager.

6. CONSULTANT Personnel and Team Member Qualifications

The Consultant team member shall be capable of assisting the Consultant's Contract Manager in all aspects of the required work. The Consultant team member professional qualifications will be specified in each Task Order.

7. In responding to the Caltrans' Task Order and in consultation with the Caltrans Contract Manager, the Consultant's Contract Manager shall identify the specific individuals proposed for the task. The Consultant shall provide documentation that proposed staff meet the appropriate minimum qualifications as required by this Agreement
8. The Consultant's personnel may typically be assigned to and remain at a specific Laboratory until completion and acceptance of project by Caltrans. Personnel assigned by the Consultant shall be available at the start of a Task Order and after acceptance of the project by Caltrans.
9. After Caltrans' approval of the Consultant's staff proposal and finalization of a Task Order, the Consultant may not add or substitute staff without Caltrans' prior approval.
10. Resumes containing the qualifications and experience of the Consultant's personnel, which include existing, additional, and substitute personnel, and copies of their minimum required certifications shall be submitted to the Caltrans Contract Manager for review before assignment on a project or Task Order. The resume and copies of current certification for each candidate shall be submitted to Caltrans Contract Manager within one week of receiving the request.

The Caltrans Contract may interview the Consultant's personnel for the qualifications and experience. The Selection Panel's decision to select the Consultant's personnel shall be binding to the Consultant and its Sub-Consultants. The consultant shall provide adequate qualified personnel for being interviewed by the Caltrans Contract Manager in cooperation with the Caltrans Task Order Manager within one week of receiving the request.

The Caltrans Contract shall have the responsibility of determining the quality and quantity of work performed by the Consultant's personnel. The Caltrans Contract Manager may reject any consultant personnel determined by the Caltrans Contract Manager to lack the minimum qualifications. If at any time the level of performance is below expectations, the Caltrans Contract Manager may direct the consultant to immediately remove Consultant personnel from the project specified in a Task Order and request another qualified person be assigned as needed. The substitute personnel must meet the qualifications required by this agreement for performance of the work as demonstrated by a resume and copies of current certifications submitted by the Consultant. Substitute personnel must receive prior approval from the Caltrans Contract Manager. The Consultant shall not remove any personnel without the written consent of the Caltrans Contract Manager. The removal of staff without the written approval from the Caltrans Contract Manager shall be violation of the Contract Agreement and result in termination of the Agreement.

11. When required by the Caltrans Contract Manager, the Consultant's Contract Manager shall provide a substitute employee until the assigned employee returns to work from leave. The substitute personnel shall have the same classification, not exceed the billing rate and meet or exceed the qualifications and experience level of the previously assigned personnel, at no additional cost to Caltrans. Substitute personnel must receive prior approval from the Caltrans Contract Manager to work on this Agreement.
12. The Materials Sampling and Testing responsible person signing deliverables under this agreement requiring the signature of a Materials Sampling and Testing responsible person shall be currently employed by the Consultant or its Sub-Consultants at the time of deliverable submittal and through the Caltrans review and acceptance process.
13. A person who is authorized to review and approve consultant Materials Sampling and Testing deliverables in place of the Consultant Contract Manager shall be hereafter referred to as the Materials Sampling and Testing responsible person. All deliverables under this agreement not fully approved by Caltrans bearing the signature of the Materials Sampling and Testing responsible person no longer employed by the Consultant or its Sub-Consultants shall be replaced by another deliverables under this agreement bearing the signature of a qualified replacement Materials Sampling and Testing responsible person. In such an eventuality, no additional time and cost shall be allowed to the Consultant without prior written approval of the Caltrans Contract Manager.  
  
All of the Consultant's work shall be conducted under the direction of the Consultant's Contract Manager who shall have the appropriate experience as described in this Agreement. All deliverables under this agreement requiring the Materials Sampling and Testing responsible person signature shall be produced by the Consultant staff having appropriate experience and signed by a Materials Sampling and Testing responsible person.
14. Except for Sub-Consultant personnel, all personnel utilized by the Consultant to perform the services described in this Agreement shall be employed by the Consultant. Subcontracting is permitted, subject to approval of the Caltrans Contract Manager and all Sub-Consultant personnel shall be identified as such.
15. Other project staff not identified also must satisfy appropriate minimum qualifications. Caltrans' prior approval is required for all staff not identified on the Consultant's organization chart or the Consultant's cost proposal.

16. The Consultant's timesheet/expenses shall be approved by the Caltrans Contract Manager before submitting timesheets or expense reimbursement requests for payment.
17. Plant Inspectors shall:
  - a. Have knowledge of physical properties and uses of engineering construction materials used in state transportation projects.
  - b. Have familiarity with weighing and batching equipments.
  - c. Have knowledge of how materials are placed, sampled, and tested.
  - d. Have knowledge of construction contract documents including Plans and Specifications.
  - e. Have knowledge of the Standard Specifications and Special Provisions relating to material testing.
  - f. Have knowledge of sampling and testing frequencies shown in the Construction Manual, in the QC/QA procedures, or as outlined in the Special Provisions.
  - g. Ability to interpret material test data and visually recognize basic material properties throughout production and placement.
  - h. Ability to work independently, make clear recommendations, prepare concise reports/documentation, and work constructively with others.
  - i. Analytical determination of material acceptability and interpretation of material problems.
  - j. Have current certification required by Caltrans in the testing procedure before execution of the contract agreement and prior to that individual's performance of any Field or Laboratory work that requires certification. Common test methods that require certification include, but not necessarily limited to, the following California Test Methods: 105, 109, AG125, AC125, PC125, MS125, 201, 202, 217, 226, and 227.
  - k. Have current certification of Defensive Driving Training.
  - l. Attend a Construction Safety Orientation Class prior to being assigned to work on Caltrans projects.
18. Field Material Testers shall:
  - a. Have knowledge of materials used in state transportation projects.
  - b. Have knowledge of how materials are placed, sampled, and tested.
  - c. Have knowledge of construction contract documents including plans and specifications.
  - d. Have knowledge of the Standard Specifications and Special Provisions relating to material testing.
  - e. Have knowledge of field testing frequencies shown in the Construction Manual, in the QC/QA procedures, or as outlined in the Special Provisions.
  - f. Have ability to interpret material test data and visually recognize basic material properties throughout production and placement.

- g. Have ability to work independently, to make clear recommendations, to prepare concise reports/documentation, and work constructively with others.
- h. Have analytical determination of material acceptability and interpretation of material problems.
- i. Have certification of Nuclear Gauge Operator Training.
- j. Have current certification of Defensive Driving Training
- k. Have current certification required by Caltrans in the testing procedure before execution of the contract agreement and prior to that individual's performance of any Field or Laboratory work that requires certification. Common test methods that require certification include, but not necessarily limited to, the following California Test Methods: 105, AG125, AC125, PC125, MS125, 201, 202, 216, 231, 375, 523, 524, 533, 539, and 540.
- l. Attend a Construction Safety Orientation Class prior to being assigned to work on Caltrans projects.
- m. Certified in radiation safety
- n. Shall be capable of assisting the Resident Engineer in all aspects of material testing work including, but not limited to, the following:
  - i. Have the ability to establish specific location for appropriate tests when construction contract administration personnel are not available.
  - ii. Be familiar with construction practices and be able to orient themselves at the project site.
  - iii. Have knowledge of, and comply with, safety and health regulations and requirements applicable to the projects.

G. CONSULTANT Availability and Work Hours

1. The Consultant shall begin the required Materials Sampling and Testing Support Services work within five (5) working days or per the Task Order after receiving a fully executed Task Order and the issuance of the Notice to Proceed (NTP) from the Caltrans Contract Manager. Once the work begins, the work shall be performed diligently until all required work has been completed to the satisfaction of the Caltrans Contract Manager.
2. Materials Sampling and Testing Support Services work shall not be performed when conditions prevent a safe and efficient operation.
3. The Consultant's Contract Manager, Task Order Manager, and Key Personnel shall be accessible to the Caltrans Contract Manager at all times during normal Caltrans working hours.

4. The typical workday includes all hours worked identified in the Task Order and also as directed by the Caltrans Contract Manager. Unless otherwise specified in the Task Order or directed by the Caltrans Contract Manager, the normal workweek will consist of forty (40) hours.

Caltrans may determine that the work cannot be performed during normal business hours or the work is necessary at off hours to avoid danger to life or property, the Consultant's operations may be restricted to specific hours during the week/weeks. Night work may be required on projects involving high traffic areas. Caltrans' construction contractor's operations may be restricted to specific hours during the week, which shall become the normal workday for Consultant's personnel. Any shift differential rate pay will be reimbursed in accordance with the applicable Department of Industrial Relations (DIR) determination.

On days when work is not performed by the construction contractor, such as rainy or unsuitable weather days, Consultant's services shall not be provided unless authorized by the Caltrans Contract Manager in cooperation with the Caltrans Task Order Manager

The Caltrans Contract Manager in cooperation with the Caltrans Task Order Manager shall provide advance notice of eight (8) hours if the Consultant's services are not required as a result of a cessation of construction activities. If Caltrans fails to provide the required advance notice and the Consultant personnel are not required as a result of cessation of construction activities, Caltrans will provide a maximum of four (4) hours compensation.

5. The Caltrans Contract Manager may direct the Consultant's employees to work overtime. All overtime shall be pre-approved by the Caltrans Contract Manager and specifically required by the Task Order, and will only be paid to persons covered by the Fair Labor Standards Act.

#### H. General Requirements

1. The Consultant shall carry out instructions as received from the Caltrans Contract Manager and shall cooperate with Caltrans, other involved agencies, other consultants, other contractors, and others, working on the same projects or adjacent projects in this contract and on each Task Order. In the event an instruction or direction is unclear to the Consultant, the Consultant shall ask the Caltrans Contract manager to clarify the instruction or direction.
2. It is not the intent of the foregoing paragraph to relieve the Consultant of professional responsibility during the performance of this Agreement. In those instances for which the Consultant believes a better standard solution to a task

being performed or a problem/issue being addressed is possible, the Consultant shall promptly notify the Caltrans Contract Manager of these concerns, together with the reasons therefore. However, Caltrans will make all final decisions on the scope of the Consultant's activities and investigations.

At Caltrans' direction, the Consultant is required to coordinate activities and work closely with multiple stakeholders including but not necessarily limited to, Caltrans' planners, engineers, project managers, and planning, engineering, and construction firms contracted by Caltrans. Materials Sampling and Testing Support Services work is a critical element of project planning and construction schedules and must be accomplished in a timely fashion. Projects have complex and overlapping schedules and therefore Project work may have overlapping and parallel (not serial order) schedules.

## I. Equipment Requirements

### 1. Office Equipment and Supplies (Consultant's Office):

At no additional cost to Caltrans, Consultant shall have and provide adequate office equipment and supplies to complete the required Materials Sampling and Testing Support Services work specified in this Agreement. Such equipment and supplies shall include, but not be necessarily limited to, the following:

- a. Office Supplies
- b. Computers with appropriate software, printers, plotters, fax machines, and calculators, data collectors and their necessary attachments and accessories.
- c. Data processing systems, reference materials, or other tools, including hardware and software, used in providing deliverables. This includes, but are not necessarily limited to:
  - i. Microsoft Office Software (i.e. Word, Excel, PowerPoint, etc.)
  - ii. Recording test data.
  - iii. Calculating test results.
  - iv. Printing Reports.
- d. Reference material, or other tools, used in providing deliverables

### 2. Field Equipment and Supplies:

At no additional cost to Caltrans, Consultant shall have and provide adequate field tools, instruments, equipment, materials, supplies, and safety equipment to complete the required Materials Sampling and Testing Support Services field work. The tools, instruments, equipment, materials, supplies, and safety equipment for each Materials Sampling and Testing Support Services field staff shall include, but not be necessarily limited to, the following:

- a. Sufficient vehicles suitable for the work to be performed and terrain conditions of the project sites. Vehicles shall be fully equipped with all necessary tools, instruments, equipment, materials, supplies, and safety equipment required for the efficient operation of a Materials Sampling and Testing Support Services field staff. Each vehicle shall have a load carrying capacity of 1500 pounds of materials and equipment. Each Vehicle shall have sufficient ground clearance to safely maneuver through highway construction sites, materials plant and mines sites while fully loaded with equipment and materials. Each vehicle shall have an overhead flashing amber light, visible from the rear, with a driver control switch. Vehicles without side windows shall not be used. All vehicles will be clearly marked as to ownership. Each vehicle shall be equipped to meet Caltrans safety requirements. Each vehicle to be used to carry nuclear gauges shall have appropriate security and storage set up for the nuclear gauges.
  - b. A laptop computer with appropriate software.
  - c. Communication device; Mobile telephone, cellphone; or Walkie-Talkie
  - d. Hand tools as appropriate for the requested field staff work.
  - e. Provide all necessary safety equipment including fire extinguisher, hard-soled safety footwear, white hard hats, eye protection, hearing protection, and approved safety vests as appropriate for the requested Materials Sampling and Testing Support Services fieldwork to be performed safely and efficiently within operating highway.
3. The Consultant shall provide all necessary tools, instruments, equipment, materials, supplies, and safety equipment required to perform the work identified in each Task Order and this Agreement accurately, efficiently, and safely. The Consultant shall not be reimbursed separately for tools of the trade including above mentioned equipment.
  4. Laboratory Equipment - The Consultant shall use all measurement and testing equipment certified by Caltrans or equivalent agency. The Consultant shall use material specimens from an accredited laboratory acceptable to Caltrans for calibration of all equipment.
  5. Nuclear Gauges - If specified in the Task Order, the Consultant shall provide their own Nuclear Gauges and provide storage in accordance with the Caltrans' and Department of Health Service's requirements.
  6. CONSULTANT's Material Engineering Staff shall use Caltrans equipment with utmost care. Any negligent damage caused to Caltrans equipment shall be the responsibility of the CONSULTANT.

J. Consultant Reports and/or Meetings

1. For active Task Orders, Consultant shall submit progress reports at least once a month. The report should be sufficiently detailed for the Caltrans Contract Manager to determine if the Consultant is performing to expectations and is on schedule, to provide communication of interim findings, and to afford occasions for airing difficulties or special problems encountered so remedies can be developed. Separate detail shall be provided for each on-going Task Order.
2. Progress reports shall identify the total number of hours worked and the related costs and expenses by the Consultant's and Sub-Consultants personnel by use of the Caltrans WBS level element(s):  
<http://www.dot.ca.gov/hq/projmgmt/guidance.htm>  
  
Progress reports will set forth a schedule of milestones the current status of progress toward each milestone (such as but not necessarily limited to on schedule, out of schedule with correction in place, or out of schedule with no current correction), and a schedule of deliverables.
3. When applicable, progress reports shall indicate an estimated percentage of work completed and a corresponding estimate of budget spent for work deliverables. The estimate of work completion and budget spent shall be for the same time period. If applicable, progress reports shall include actual DBE participation on a monthly and cumulative basis.
4. Monthly Progress Reports shall cover the same period of performance as the monthly invoices.
5. The Consultant's Contract Manager shall meet with the Caltrans Contract Manager as needed to discuss progress on the Agreement.
6. The Consultant's Contract Manager shall be responsible for drafting of the minutes of the meetings and submit them to the Caltrans Contract Manager within one (1) week of the meeting for review and comment. The Consultant's Contract Manager shall distribute final version of meeting minutes within two (2) calendar days of final approval.
7. Materials Sampling and Testing Support Services personnel shall prepare daily diary reports. The reports shall be prepared on Caltrans-provided forms and shall be prepared daily at the end of the day's work.

K. Standards

1. The Consultant is responsible for obtaining all necessary manuals, reference documents and other materials.
2. All work shall be performed in accordance with all applicable Local, State, and Federal statues, laws, codes, regulations, policies, procedures, specifications, performance standards, and guidelines, including latest Caltrans regulations, policies, procedures, standards, specifications, performance standards, directives, guidelines, handbooks, guidance documents, forms, templates, policy memo, methodologies, and compliance with State and Federal Highway Administration (FHWA) guidelines for implementing those requirements; any permits, licenses, agreements or certifications that apply to specific Task Orders; and current Caltrans Manuals and their current revisions. Work not covered by the “Manuals” shall be performed as specified in the Task Order.
  - a. The Consultant is responsible for obtaining, at its expense, all manuals, reference documents, and other materials.
  - b. All work shall comply with the requirements of current Caltrans Manuals and their current revisions. The Publications staff can be reached at (916) 263-0822, and the center is located at the following address:

State of California  
California Department of Transportation  
Publication Distribution Unit  
1900 Royal Oaks Drive  
Sacramento, CA 95815-3800
  - c. Manuals and documents that are not available from the Caltrans Publication Distribution Center or are not available from the Caltrans’ Internet web site may be requested from the Caltrans Contract Manager. Caltrans does not guarantee the availability of publications nor its Internet web pages.
    - i. <http://www.CALTRANS-opac.ca.gov/publicat.htm>
    - ii. <http://www.dot.ca.gov/manuals.htm>
  - d. The Caltrans’ manuals, guidelines, and standards are dynamic documents. The Consultant is responsible to verify that the latest version or update is used.
3. Subject to Caltrans review, approval, and acceptance, Consultant has total responsibility for and shall verify the accuracy and completeness of the deliverables, backup documents, other documents, and other items under this Agreement prepared by the Consultant or its Sub-Consultants for the projects as specified in this Agreement and in each Task Order. All deliverables, backup documents, other documents, and other items under this Agreement shall be reviewed by Caltrans for conformity with Project standards and the requirements in the Task Order. Reviews by Caltrans do NOT include detailed review or checking of major components, quantitative calculations, related details or

accuracy of information. The responsibility for accuracy and completeness of such items remains solely that of the Consultant.

4. The Consultant or its Sub-Consultants shall not incorporate any materials or equipment of a single or sole source origin without the advance written approval of Caltrans.
5. The Caltrans Contract Manager shall address all questions which may arise as to the quality or acceptability of deliverables furnished and work performed for this Agreement.
6. The minimum standard of work quality shall be that of similar Materials Sampling and Testing Support Services work performed by Caltrans as detailed in the Caltrans Manuals.
7. The deliverables, backup documents, other documents, and other items under this Agreement shall be of a quality acceptable to the Caltrans Contract Manager. The criteria for acceptance shall be a product of neat appearance, well organized, technically and grammatically correct, independently checked for error, checked by designated reviews (Caltrans and Consultant Personnel), having the preparer and the designed reviewer identified, conformity to Caltrans Standards, and approved by the Caltrans Contract Manager.

The minimum standard of appearance, organization, and content of deliverables, backup documents, other documents, and other items under this Agreement, shall be that of similar types produced by Caltrans and set forth in related Caltrans manuals.

8. Additional standards for specific Materials Sampling and Testing Support Services work may be included in the Task Order. If such additional standards conflict with the standards specified herein, the standards specified herein shall take precedence over the Task Order standards.

L. Field Safety

In addition to the requirements specified elsewhere in this Agreement, the following also shall apply:

1. The Consultant shall maintain an awareness of health and safety requirements and enforce applicable regulations and contract provisions for the protection of the project personnel and the public. The Consultant's Materials Sampling and Testing Support Services personnel shall comply with all safety provisions of the

Caltrans' Safety Manual and Caltrans' Code of Safe Practices. The Consultant shall comply with Occupational Safety and Health Administration (OSHA) regulations, applicable to the Consultant, regarding safety equipment and procedures.

2. Field work shall not be performed when conditions prevent a safe, efficient operation and shall only be performed with written authorization by Caltrans.
3. The Consultant shall provide, at no cost to Caltrans, all safety equipment. The Consultant's Materials Sampling and Testing Support Services personnel shall wear hard-soled safety footwear, white hard hats, eye protection, hearing protection, and approved safety vests at all times while working in the field.
4. The Consultant shall provide, at no cost to Caltrans, appropriate safety training for all the Consultant's and the Sub-Consultant's office and field personnel, including training required for performing Materials Sampling and Testing Support Services work in an office setting or in the field to work on and near highways
5. The Consultant shall be solely responsible for the health and safety protection of its personnel, Sub-Consultants, and Sub-Consultant's personnel in performance of this contract. On a contemporaneous basis, the Consultant shall deliver to the Caltrans Task Order Manager dosimeter records for all consultant and sub-consultant staff working on this contract for the periods covered by the task orders.
6. Pursuant to the authority contained in Section 591 of the Vehicle Code, Caltrans has determined that within areas that are open to public traffic, the Consultant shall comply with all of the requirements set forth in Divisions 11, 12, 13, 14, and 15 of the Vehicle Code. The Consultant 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.
7. The CONSULTANT's Material Engineering Staff shall wear safety gloves, eye protection, and approved safety apparels during material testing while working in the laboratory.
8. Any safety violations committed by Material Engineering Staff may be cause for termination.
9. The Consultant shall conform to all safety requirements for testing and storage of nuclear gauges.

M. Manuals, Documents, and Websites

The following manuals, documents and links to internet sites are referenced in association with the Materials Sampling and Testing Support Services work in this Agreement. The list is not all-inclusive, but is intended to illustrate the types of reference material and sources of information.

1. Caltrans' Internet Home Webpage  
<http://www.dot.ca.gov/>
2. Caltrans Safety Manual  
[http://www.dot.ca.gov/hq/opo/safety/safetymanual\\_toc.htm](http://www.dot.ca.gov/hq/opo/safety/safetymanual_toc.htm)
3. California Test Methods  
<http://www.dot.ca.gov/hq/esc/ctms/index.html>
4. Caltrans' Code of Safe Practices  
<http://www.dot.ca.gov/hq/construc/safety/>

N. Orientation Provided by Caltrans

Caltrans may provide orientation regarding Contract and Task Order requirements for each Task Order as deemed necessary by Caltrans. The orientation may consist of instructions on Caltrans procedures, practices, and requirements for the specific Materials Sampling and Testing Support Services work to be performed. The Consultant shall perform the Materials Sampling and Testing Support Services work in conformance with the orientation instructions, in addition to the Contract requirements specified herein and in the executed Task Order.

O. Monitoring and Review Procedure

1. The Caltrans Contract Manager shall have the right to monitor and review the progress and processes of the Consultant.
2. The Consultant shall meet with the Caltrans Contract Manager a minimum of once per month or on an as-needed basis to review procedures and progress.
3. The performance of the Consultant's Contract Manager, key personnel, and team shall be evaluated by the Caltrans Contract Manager, as needed, no less frequently than annually, and at the end of the contract. Unsatisfactory reviews may result in the request to replace the existing consultant personnel with new personnel. Evaluation includes but is not necessarily limited to the following:
  - a. Job performance.

- b. Quality of Work.
- c. Timely submittal of reports, invoices, and other required documents.
- d. Early detection of problems and timely resolutions.
- e. Requesting timely approval for personnel changes and travel expenditure.
- f. Responsiveness and Ability to control costs.
- g. DBE Participation.
- h. Conflicts of interest

Poor performance and any negative evaluations will result in replacement of the Consultant's Contract Manager and/or key personnel, and will be reflected adversely on the Consultant's performance evaluation

P. Materials to be Provided by Caltrans

Caltrans may provide the Consultant available background materials related to the Task Order. The Consultant shall use the material in the execution of the specific work described in the Task Order. Materials (if applicable) that might be furnished by Caltrans will be listed in the individual Task Orders, are for the Consultant's use only, and shall be returned at the end of the contract, and may include:

1. Existing documents, if any, that are applicable to the current project within the project limits.
2. Appropriate background or reference information for each Task Order.
3. Project special provisions, full-size and reduced-size sets of project plans, materials information handout, and contract and proposal, as necessary.
4. Caltrans standardized forms
5. The Consultant shall notify Caltrans, in writing, in advance of its need to enter upon private property or facility to perform work. The Consultant's notice shall specify the date, purpose, duration, location, and the time of day of the Consultant's activities. Caltrans will provide Permits to Enter for private property access. The Consultant is responsible for notifying the property owner 48 hours in advance of entering the property, unless otherwise specified in the Permit. The Consultant shall notify the Caltrans Contract Manager within 48 hours if permission has been denied. The Consultant shall carry the Permits to Enter on their person while performing work outside the Caltrans Right-of-Way. No work shall be performed by the Consultant outside the Caltrans Right-of-Way without Permits to Enter. The Consultant shall comply with all conditions imposed by the Caltrans Contract Manager and requirements set forth in the Permit To Enter.

For Task Order work performed on any property that Caltrans does not own or control, the Consultant shall be responsible for obtaining all necessary approvals and permits. The Consultant shall identify all necessary approvals and permits, prepare signature-ready permit applications, and track the status of permit applications, as specified in each Task Order.

6. Caltrans may provide the office space at various construction field offices when required by Task Order, including but not necessarily limited to, all utilities, office equipment, and office supplies typically used by the Caltrans field personnel, to the Consultant personnel providing services under this Agreement. The Consultant, including its Sub-Consultants, shall identify the Field Office Overhead Rate in their cost proposal and use the Field Office Overhead Rate in billing Caltrans for Consultant's employees who may be utilizing the Caltrans' office facilities.
7. Caltrans construction forms as necessary, including electronic or hardcopy (as specified by the Caltrans Resident Engineer on the Project) forms.
8. When appropriate, Caltrans will provide the Consultant with the appropriate forms for recording test data in accordance with the Caltrans' practices and procedures outlined in the California Test Methods.
9. Caltrans may permit the Consultant to calibrate the Consultant's nuclear gauges on the Caltrans' test blocks, if available.
10. Limited office space, office equipment and office supplies typically used by the Caltrans material testing field personnel will be made available for use by the Consultant's personnel.

Note: The Consultant is responsible for the return to Caltrans, in original condition, of all items provided for use under this agreement from Caltrans. The Consultant will replace, at said Consultant's own expense, all lost or damaged Caltrans data or materials.

Q. Materials to be Provided by the Consultant

Unless otherwise specified herein or in the Task Order, the Consultant shall provide all materials to complete the required Materials Sampling and Testing Support Services work in accordance with the delivery schedule and cost estimate outlined in each Task Order.

R. Product Approval and Payment

1. The Consultant shall only perform work that is authorized and described in a written Task Order (“TO”) that is signed by both Caltrans and the Consultant.
2. All Materials Sampling and Testing Support Services deliverables, backup documents, other documents, and other items under this Agreement produced by the Consultant, as specified by the Task Order, shall be subject to the approval and acceptance by the Caltrans Contract Manager prior to invoicing and payment for these items.
3. In the event of non-acceptance due to errors, omissions or non-compliance with the current Caltrans Manuals and their current revisions, the Consultant shall make corrections to the satisfaction of the Caltrans Contract Manager at no cost to Caltrans prior to payment. Caltrans will withhold payment until the work is satisfactorily completed and accepted by the Caltrans Contract Manager. Additional cost incurred to correct errors will not be compensated.
4. The Consultant’s Materials Sampling and Testing Support Services work that does not conform to the requirements specified herein and the applicable Task Order will not be paid and shall be corrected at the Consultant’s expense at no additional cost to Caltrans.

S. Deliverables

All deliverables, intermediate work products, and original documents, including but not necessarily limited to, original field notes, photographs, reports, documents, plans, data, data files, edits to field data, adjustment calculations, final results, drawings, specifications, estimates, studies, record search, records, books, maps, manuscripts, manuals, electronic software developed, databases, background information, spreadsheets and intellectual properties, developed during the life of this contract, shall become the property of Caltrans and shall be sent to Caltrans at the conclusion of the Task Order requirements. The consultant shall retain a copy of all documents furnished to Caltrans.

Unless otherwise specified in the Task Order, the deliverables shall conform to the following:

1. Data Format for Unprotected Electronic File Transfers

The Consultant shall deliver unprotected electronic files meeting the following requirements:

- a. Alphanumeric information (80 character, ASCII data type).
- b. Reports (Acrobat Writer 5 and above)
- c. Graphs, charts (Acrobat Writer 5 and above).

- d. Comply with standard naming convention (i.e. Project ID, Route/PM, Date).

The Consultant shall obtain written approval from Caltrans for all deliverables, backup documents, other documents, and other items under this Agreement, if they form part of any Task Order issued by the Caltrans Contract Manager. The format and content requirements for all deliverables, backup documents, other documents, and other items under this Agreement shall be specified in each Task Order and as directed by the Caltrans Contract Manager

2. The Consultant shall provide Materials Sampling and Testing Support Services work in close liaison with the Caltrans Contract. Caltrans shall exercise review and approval functions through the Caltrans Contract at key points, as specified in each Task Order. Milestone reviews shall be performed with the Caltrans Contract for the specific performance, products, and deliverables listed in each Task Order.
3. The Consultant will prepare a cost estimate showing task, subtask, personnel, personnel hours estimated for each task or subtask, and a schedule of deliverables.
4. All deliverables, backup documents, other documents, and other items under this Agreement shall be prepared on Caltrans standardized forms. Necessary forms shall be provided by Caltrans for the Consultant's use.
5. Written documents shall be submitted in both hardcopy and unprotected electronic files in the Caltrans-approved forms and in the Caltrans-approved format and shall conform to Caltrans.
6. When the Consultant is required to prepare and submit deliverables, backup documents, other documents, and other items under this Agreement to Caltrans and any approved Task Order issued by the Caltrans Contract Manager these documents will be reviewed. They shall be submitted in draft as scheduled and the opportunity provided for Caltrans to direct revisions, prior to final submittal. The specific schedule for the Caltrans' review of the Consultant's submittals will be specified in the Task Order issued by the Caltrans Contract
7. The Consultant shall also submit one (1) unprotected electronic copy of all deliverables, backup documents, other documents, and other items under this Agreement in a specified format. The file formats shall be specified in each Task Order. Appropriate documentation shall accompany each digital device indicating the contents of each file.
8. If the Consultant fails to submit the required deliverables, backup documents, other documents, and other items under this Agreement and in each Task Order issued by the Caltrans Contract Manager, Caltrans shall have the right to withhold

payment and/or terminate this Agreement in accordance with the termination provisions of this Agreement. If the Agreement is terminated, the Consultant shall at Caltrans' request, return all materials recovered or developed by the Consultant under the Agreement

9. For each Task Order, a milestone submittal schedule shall be prepared by the Caltrans Contract Manager. Milestones may be changed by written agreement between the Caltrans Contract Manager and the Consultant's Contract Manager through an amendment to the Task Order. Prior to concluding such an agreement, the Caltrans Contract Manager will obtain the necessary internal Caltrans approvals.
10. The Consultant shall prepare and update the Caltrans WBS for each Task Order issued by the Caltrans Contract Manager showing a deliverables' schedule.
11. The Consultant shall maintain a separate complete set of project files for each Task Order issued by the Caltrans Contract Manager performed under this Agreement. The Consultant shall maintain two sets of these files. One set will be maintained on site with the Consultant and the other set will be updated by the Consultant monthly and delivered to the Caltrans Task Order Manager. These files shall be indexed in accordance with Caltrans' Project Development Uniform File System ([http://www.dot.ca.gov/hq/oppd/pdpm/chap\\_pdf/chapt07.pdf](http://www.dot.ca.gov/hq/oppd/pdpm/chap_pdf/chapt07.pdf)). These files shall be made available to the Caltrans Contract Manager during normal working hours and shall be transferred to Caltrans upon completion of work under the Task Order. If requested by the Caltrans Contract Manager, the Consultant shall provide these file copies.
12. All Materials Sampling and Testing Support Services deliverables, backup documents, other documents, and other items under this Agreement performed on computer shall be delivered to Caltrans including, but not necessarily limited to the formats specified below:
  - a. Text-based documents shall be submitted as an Adobe Portable Document Format ("pdf") file using Adobe Acrobat Professional version 5 or later software. The pdf file shall be inclusive of all graphics (e.g., page orientation, photographs or other images, charts, and tables) and be suitable for printing in final form. The pdf file shall:
    - i. Contain functioning bookmarks, indexes, tables of contents or other hyperlinks as required by the Task Order.
    - ii. Be configured (e.g., bookmarks, thumbnails, annotations, signatures, and security settings) as required by the Task Order.
    - iii. Be optimized for use by Adobe Acrobat Reader 6.0.
  - b. Text-based documents shall also be submitted in Microsoft Word format, version 2007. The document shall include of all graphics (e.g., photographs, image graphics, charts, and tables). Photographs shall be in

- “jpeg” file format. Other image graphics shall be in “gif” format unless otherwise specified.
- c. All graphics (e.g., photographs or other drawings) shall be submitted separately from the pdf and Microsoft Word documents in archive-type file formats (e.g., photographs and bitmapped drawings as “tif”, Microstation drawings as “dgn”, and vector drawings as “ai”) unless otherwise specified. The intent of this section is for the Consultant to provide Caltrans with a copy of each graphic in an uncompressed file format for archive purposes. The Consultant may suggest alternative formats that are compatible with this goal.
  - d. Spreadsheet files shall be submitted in Microsoft Excel format, version 2007.
  - e. Word processing files shall be submitted in Microsoft Word format, version 2007.
  - f. Database files shall be submitted in Microsoft Access format, version 2007.
  - g. The Consultant shall not format electronic files as “view only” or “read only” unless so specified in the Task Order.
  - h. Other - As specified in the Task Order.
13. Plant Inspection and Field Materials Testing:
- a. Daily reports, extra work diaries, plant inspection reports and materials testing reports shall be delivered to the Caltrans Resident Engineer and/or the Caltrans Task Order Manager same day services conducted or as stipulated in the Task Order.
    - i. One (1) original set (8 1/2" x 11") of the Test Report and all supporting documents.
    - ii. Three (3) duplicate sets (8 1/2" x 11") of the Test Report and all supporting documents.
    - iii. One (1) unprotected electronic copy of Test Report and all supporting documents.
  - b. The Consultant shall perform all services and meet all required standards.
14. Field measurements, test data and other documents as required by Caltrans procedures shall be recorded, maintained and submitted as directed by the Caltrans Resident Engineer.

T. Task Order

- 1. Specific projects will be assigned by the Caltrans Contract Manager to the Consultant through issuance of Task Orders describing in detail the services to be performed. Caltrans Contract Manager has the sole authority and responsibility to

make amendments and revisions to the scope, schedule, cost or deliverables in a Task Order.

2. After a project to be performed under this contract is identified by Caltrans, Caltrans will prepare a draft Task Order, less the cost estimate. The draft Task Order will identify (with specificity):
  - a. the purpose or goal of the Task Order, including the duties (if any) that can be identified with Caltrans work breakdown system (WBS) activity codes
  - b. the scope of services,
  - c. expected results,
  - d. project deliverables,
  - e. performance criteria or performance tests for the services (which demonstrate that the project deliverables satisfy the purpose or goal of the Task Order),
  - f. period of performance, the Task Order term, dates of service or project schedule, and/or due dates
  - g. any milestone or tollgate deliverables (i.e. any deliverables that must be delivered and accepted prior to subsequent work being performed).
  - h. sufficient data to tie the Task Order to the Contract (including contract number, name of Caltrans Contract Manager, and name of Requester).

The draft Task Order will be delivered to the Consultant for review. The Task Order will identify the Caltrans Project Manager.

3. The Consultant shall return the draft Task Order to the Caltrans Contract Manager within three (3) calendar days unless the time frame is extended by the Caltrans Contract Manager. The draft Task Order returned to Caltrans will clarify deliverables, expected results, and project schedule, and it will also contain a cost estimate including, at a minimum, the names of the individuals proposed for work on this task, the individuals' classifications, the duties the individual will perform along with the Caltrans activity codes (WBS) for such duties, a written estimate of the number of hours per staff person under each duty or activity, any anticipated reimbursable expenses, and total dollar amount must be based on rates in Attachment 2, Cost Proposal.
4. The cost estimate shall be in the format prescribed in the draft Task Order. The Consultant agrees that each cost estimate shall be the product of a good faith effort exercise of engineering judgment. Provided agreement is reached on the negotiable items, both Caltrans and the Consultant shall sign the finalized Task Order. If Caltrans and Consultant are unable to reach agreement, Caltrans may terminate the agreement. No payment will be due or made for any work performed on an unsigned Task Order, and Caltrans shall not pay for any work described on the unsigned Task Order.

5. For each Task Order, a milestone submittal schedule shall be prepared by the Caltrans Contract Manager. Milestones may be changed by written agreement between the Caltrans Contract Manager and the Consultant's Contract Manager through an amendment to the Task Order. Prior to amending such an agreement, the Caltrans Contract Manager will obtain the necessary internal Caltrans approvals.
6. Other information may be included at the request of the Caltrans Contract Manager.
7. Caltrans will provide to the Consultant electronic templates of Task Order formats and required boilerplate language.
8. Task Orders may not be used to amend the Agreement and may not exceed the scope of work under the Agreement.
9. Task Orders are not valid until approved by Caltrans and subsequently signed by both parties.
10. The Consultant shall not commence performance of work or services on a Task Order until it has been approved by Caltrans and notification to proceed has been issued by the Caltrans Contract Manager. No payment will be due or made for any work performed prior to approval or after the period of performance of the Task Order.
11. 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 the Agreement.
12. The total amount payable by Caltrans for an individual Task Order shall not exceed the amount agreed to in the Task Order. Task Orders and/or Task Order Revisions require written approval by the Consultant and Caltrans.
13. If applicable, when a subsequent agreement for the same or similar scope of work is executed within three (3) months prior to the termination of this Agreement, no additional Task Orders shall be executed under this Agreement upon the effective date of the subsequent agreement.
14. All personnel to be used in the Task Order shall be those identified in the Consultant's Cost Proposal.
15. At Caltrans Contract Manager's direction, the Task Order Manager will assist Caltrans Contract Manager in monitoring and verification of Consultant's

performance and deliverables. The Caltrans Contract Manager shall have the ultimate responsibility and authority to verify Consultant's performance cost, schedule and deliverable.

16. The following shall apply to negotiated Task Orders:

a. Transportation and subsistence costs to be reimbursed shall be the actual costs incurred, but not to exceed the rates stipulated in the Department of Transportation "Caltrans Travel Guide, Consultant/Contractors Travel Policy":

See <http://www.dot.ca.gov/hq/asc/travel/ch12.htm>

b. The Consultant employee's headquarters and/or primary residence as defined in the Caltrans Travel Guide will be established in the Task Order.

The Caltrans Contract Manager prior approval is required for all domestic or international travel.

#### U. Conflict of Interest

Any person, firm or subsidiary thereof who may provide, has provided or is currently providing Design Engineering Services and/or Construction Engineering Services under a contractual relationship with a construction contractor(s) on any Caltrans project listed in the Scope of Work of this RFQ must disclose the contractual relationship in the SOQ, the dates and the nature of the services either provided or potentially to be provided or actually provided under that contract(s).

All firms are also required to disclose in the SOQ, any Design Engineering services including claim services, Lead Project Management services and Construction Engineering Services provided to all other clients which either provided or potentially to be provided or actually provided under that contract(s) on the projects listed in this RFQ.

The Consultant and its subconsultants will not provide material Quality Control services for construction contractor(s) when the project is assigned to the Consultant to provide material Quality Assurance services on the projects that are listed and that have been identified by project EA and project ID in this Scope of Work. By signing the Contract, the Consultant or any subconsultants also do not or will not have any financial or business relationship with the construction contractor(s) who are working on the projects that are assigned to Consultants for material Quality Assurance services through task orders on this Contract.

Throughout the Contract term, the Consultant or any subconsultants shall disclose any potential business or financial relationship and seek Caltrans' consent before providing engineering services to any construction contractor on any of the Department's projects' listed in the scope of this Contract. The submitted documentation will be used for determining potential conflicts of interest. Caltrans will use this documentation to determine whether the firm may work on specific projects.

A conflict of interest may include a situation in which, during the term of the Contract, the Consultant or any subconsultants provides engineering services to a contractor who is awarded a contract with Caltrans on a project for which there is an assigned Task Order under this Contract. In this situation, the Consultant must immediately notify the Caltrans Contract Manager regarding the conflict. The Contract Manager will then terminate the Task Order involving the conflict of interest and Caltrans may obtain the conflicted services in any way allowed by law. Failure by the Consultant to notify Caltrans Contract Manager is grounds for termination of the contract for default pursuant to Exhibit D, Section III of the Contract.

Some examples of conflict of interest are the following:

- Certified Materials Tester(s) or Plant Inspector(s) from the same company that performs Quality Control for the Contractor and Quality Assurance for Caltrans on the same project.
- Certified Materials Tester(s) or Plant Inspector(s) from the same company that currently performs Quality Control for the Contractor on any project and Quality Assurance for Caltrans on different projects where the same Contractor is performing work.
- Providing services to construction contractor's subcontracts, fabricators, equipment installer, material suppliers and other firms associated with the projects listed in the Contract.





**Loaded Rate Calculation**

**Non Exempt Employee Loaded Billing Rates**  
 A) Straight Time = Actual Hourly Rate \* (1 + Field O.H.) \* (1 + Fee) + Delta Base \* (Applicable Multiplier Delta Base) + Delta Fringe \* (Applicable Multiplier Delta Fringe)  
 B) 1.5X or 2.0X Overtime = (Actual Hourly Rate) \* (1 + Field O.H.) \* (1 + Fee) +.5X or 1.0X (Actual Hourly Rate) + Delta Base \* (Applicable Multiplier Delta Base) + Delta Fringe \* (Applicable Multiplier Delta Fringe)

**Exempt Employee Loaded Billing Rates**  
 C) Straight Time or 1.5X or 2.0X Overtime = Actual Hourly Rate \* (1 + Field O.H.) \* (1 + Fee) + Delta Base \* (Applicable Multiplier Delta Base) + Delta Fringe \* (Applicable Multiplier Delta Fringe)

The PW differentials Delta Base and Delta Fringe shown in the formulas above for Loaded Billing Rates are applicable only when performing services covered under DIR determinations.

<b>Home Office Personnel:</b>		Fringe Benefit %	Overhead %	General Administration %	Combined %
NORMAL		83.18%	56.40%	0.00%	139.58%
OVERTIME		83.18%	56.40%	0.00%	139.58%
<b>Field Office Personnel:</b>		Fringe Benefit %	Overhead %	General Administration %	Combined %
NORMAL		83.18%	56.40%	0.00%	139.58%
OVERTIME		83.18%	56.40%	0.00%	139.58%
					Fee = 6.90%
					Applicable Multiplier Delta Base (Field) = 2.3958
					Applicable Multiplier Fringe (Field) = 0.00

Name/Classification	Home Office Personnel Field Office Personnel	Prevailing Wage Rate established by State DIR (only applicable for prevailing wage work)						Employee Actual Rate (fringe benefits vary year over year)						Applicable DELTA (TOTAL) = Employee Total - DIR Total			Applicable DELTA Base = DIR Rate - Employee Base Rate			Applicable DELTA FRINGE = DELTA TOTAL - DELTA BASE (Employee - DIR)			Loaded Hourly Billing Rates			Effective Date of Hourly Rate		% Escalation Increase	Actual Hourly Rate and/or Average Hourly Rate	Hourly Range for Class				
		Base Salary		Fringe Benefits	Total Base Salary + Fringe Benefits			Base Salary		Estimate Fringe	Total = Base + Fringe			Straight	1.5 OT	2.0 OT	Straight	1.5 OT	2.0 OT	Straight	1.5 OT	2.0 OT	Straight	OT (1.5x)	OT (2x)	From	To							
		Straight	1.5 OT		2.0 OT	Straight	1.5 OT	2.0 OT	Straight		1.5 OT	2.0 OT	Straight																		1.5 OT	2.0 OT	Straight	1.5 OT
Les Stachura* Materials Tester/ Plant Inspector Group 2 Prevailing Wage Work-Regular Shift (Non-Exempt)	FIELD	\$39.06	\$58.59	\$78.12	\$25.66	\$64.72	\$84.25	\$103.78	\$39.06	\$58.59	\$78.12	\$25.66	\$64.72	\$84.25	\$103.78	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100.04	\$119.57	\$139.10	7/1/2013	6/30/2014	Local 3	\$ 39.06	N/A	
		\$39.06	\$58.59	\$78.12	\$27.26	\$66.32	\$85.85	\$105.38	\$39.06	\$58.59	\$78.12	\$27.26	\$66.32	\$85.85	\$105.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100.04	\$119.57	\$139.10	7/1/2014	6/30/2015	Local 3	\$ 39.06	N/A
		\$39.06	\$58.59	\$78.12	\$27.26	\$66.32	\$85.85	\$105.38	\$39.06	\$58.59	\$78.12	\$27.26	\$66.32	\$85.85	\$105.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100.04	\$119.57	\$139.10	7/1/2015	6/30/2016	Local 3	\$ 39.06	N/A
		\$39.06	\$58.59	\$78.12	\$27.26	\$66.32	\$85.85	\$105.38	\$39.06	\$58.59	\$78.12	\$27.26	\$66.32	\$85.85	\$105.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100.04	\$119.57	\$139.10	7/1/2016	6/30/2017	Local 3	\$ 39.06	N/A
Les Stachura* Materials Tester/ Plant Inspector Group 2 Prevailing Wage Work-Night Shift (Non-Exempt)	FIELD	\$43.94	\$65.91	\$87.88	\$25.66	\$69.60	\$91.57	\$113.54	\$43.94	\$65.91	\$87.88	\$25.66	\$69.60	\$91.57	\$113.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$112.54	\$134.51	\$156.48	7/1/2013	6/30/2014	Local 3	\$ 43.94	N/A	
		\$43.94	\$65.91	\$87.88	\$27.26	\$71.20	\$93.17	\$115.14	\$43.94	\$65.91	\$87.88	\$27.26	\$71.20	\$93.17	\$115.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$112.54	\$134.51	\$156.48	7/1/2014	6/30/2015	Local 3	\$ 43.94	N/A
		\$43.94	\$65.91	\$87.88	\$27.26	\$71.20	\$93.17	\$115.14	\$43.94	\$65.91	\$87.88	\$27.26	\$71.20	\$93.17	\$115.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$112.54	\$134.51	\$156.48	7/1/2015	6/30/2016	Local 3	\$ 43.94	N/A
		\$43.94	\$65.91	\$87.88	\$27.26	\$71.20	\$93.17	\$115.14	\$43.94	\$65.91	\$87.88	\$27.26	\$71.20	\$93.17	\$115.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$112.54	\$134.51	\$156.48	7/1/2016	6/30/2017	Local 3	\$ 43.94	N/A
John Thompson* Materials Tester/ Plant Inspector Group 2 Prevailing Wage Work-Regular Shift (Non-Exempt)	FIELD	\$39.06	\$58.59	\$78.12	\$25.66	\$64.72	\$84.25	\$103.78	\$39.06	\$58.59	\$78.12	\$25.66	\$64.72	\$84.25	\$103.78	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100.04	\$119.57	\$139.10	7/1/2013	6/30/2014	Local 3	\$ 39.06	N/A	
		\$39.06	\$58.59	\$78.12	\$27.26	\$66.32	\$85.85	\$105.38	\$39.06	\$58.59	\$78.12	\$27.26	\$66.32	\$85.85	\$105.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100.04	\$119.57	\$139.10	7/1/2014	6/30/2015	Local 3	\$ 39.06	N/A
		\$39.06	\$58.59	\$78.12	\$27.26	\$66.32	\$85.85	\$105.38	\$39.06	\$58.59	\$78.12	\$27.26	\$66.32	\$85.85	\$105.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100.04	\$119.57	\$139.10	7/1/2015	6/30/2016	Local 3	\$ 39.06	N/A
		\$39.06	\$58.59	\$78.12	\$27.26	\$66.32	\$85.85	\$105.38	\$39.06	\$58.59	\$78.12	\$27.26	\$66.32	\$85.85	\$105.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100.04	\$119.57	\$139.10	7/1/2016	6/30/2017	Local 3	\$ 39.06	N/A
John Thompson* Materials Tester/ Plant Inspector Group 2 Prevailing Wage Work-Night Shift (Non-Exempt)	FIELD	\$43.94	\$65.91	\$87.88	\$25.66	\$69.60	\$91.57	\$113.54	\$43.94	\$65.91	\$87.88	\$25.66	\$69.60	\$91.57	\$113.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$112.54	\$134.51	\$156.48	7/1/2013	6/30/2014	Local 3	\$ 43.94	N/A	
		\$43.94	\$65.91	\$87.88	\$27.26	\$71.20	\$93.17	\$115.14	\$43.94	\$65.91	\$87.88	\$27.26	\$71.20	\$93.17	\$115.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$112.54	\$134.51	\$156.48	7/1/2014	6/30/2015	Local 3	\$ 43.94	N/A
		\$43.94	\$65.91	\$87.88	\$27.26	\$71.20	\$93.17	\$115.14	\$43.94	\$65.91	\$87.88	\$27.26	\$71.20	\$93.17	\$115.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$112.54	\$134.51	\$156.48	7/1/2015	6/30/2016	Local 3	\$ 43.94	N/A
		\$43.94	\$65.91	\$87.88	\$27.26	\$71.20	\$93.17	\$115.14	\$43.94	\$65.91	\$87.88	\$27.26	\$71.20	\$93.17	\$115.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$112.54	\$134.51	\$156.48	7/1/2016	6/30/2017	Local 3	\$ 43.94	N/A
Howard Chippero* Materials Tester/ Plant Inspector Group 3 Prevailing Wage Work-Regular Shift (Non-Exempt)	FIELD	\$32.92	\$49.38	\$65.84	\$25.66	\$58.58	\$75.04	\$91.50	\$32.92	\$49.38	\$65.84	\$25.66	\$58.58	\$75.04	\$91.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100.04	\$119.57	\$139.10	7/1/2013	6/30/2014	Local 3	\$ 32.92	N/A	
		\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100.04	\$119.57	\$139.10	7/1/2014	6/30/2015	Local 3	\$ 32.92	N/A
		\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100.04	\$119.57	\$139.10	7/1/2015	6/30/2016	Local 3	\$ 32.92	N/A
		\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100.04	\$119.57	\$139.10	7/1/2016	6/30/2017	Local 3	\$ 32.92	N/A
Howard Chippero* Materials Tester/ Plant Inspector Group 3 Prevailing Wage Work-Night Shift (Non-Exempt)	FIELD	\$37.04	\$55.56	\$74.08	\$25.66	\$62.70	\$81.22	\$99.74	\$43.94	\$65.91	\$87.88	\$25.66	\$69.60	\$91.57	\$113.54	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$112.54	\$134.51	\$156.48	7/1/2013	6/30/2014	Local 3	\$ 43.94	N/A	
		\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$43.94	\$65.91	\$87.88	\$27.26	\$71.20	\$93.17	\$115.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$112.54	\$134.51	\$156.48	7/1/2014	6/30/2015	Local 3	\$ 43.94	N/A
		\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$43.94	\$65.91	\$87.88	\$27.26	\$71.20	\$93.17	\$115.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$112.54	\$134.51	\$156.48	7/1/2015	6/30/2016	Local 3	\$ 43.94	N/A
		\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$43.94	\$65.91	\$87.88	\$27.26	\$71.20	\$93.17	\$115.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$112.54	\$134.51	\$156.48	7/1/2016	6/30/2017	Local 3	\$ 43.94	N/A
Art Flores* Materials Tester/ Plant Inspector Group 3 Prevailing Wage Work-Regular Shift (Non-Exempt)	FIELD	\$32.92	\$49.38	\$65.84	\$25.66	\$58.58	\$75.04	\$91.50	\$32.92	\$49.38	\$65.84	\$25.66	\$58.58	\$75.04	\$91.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$84.31	\$100.77	\$117.23	7/1/2013	6/30/2014	Local 3	\$ 32.92	N/A	
		\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$84.31	\$100.77	\$117.23	7/1/2014	6/30/2015	Local 3	\$ 32.92	N/A
		\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$84.31	\$100.77	\$117.23	7/1/2015	6/30/2016	Local 3	\$ 32.92	N/A
		\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$84.31	\$100.77	\$117.23	7/1/2016	6/30/2017	Local 3	\$ 32.92	N/A
Art Flores* Materials Tester/ Plant Inspector Group 3 Prevailing Wage Work-Night Shift (Non-Exempt)	FIELD	\$37.04	\$55.56	\$74.08	\$25.66	\$62.70	\$81.22	\$99.74	\$37.04	\$55.56	\$74.08	\$25.66	\$62.70	\$81.22	\$99.74	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$94.86	\$113.38	\$131.90	7/1/2013	6/30/2014	Local 3	\$ 37.04	N/A
		\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$94.86	\$113.38	\$131.90	7/1/2014	6/30/2015	Local 3	\$ 37.04	N/A
		\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$94.86	\$113.38	\$131.90	7/1/2015	6/30/2016	Local 3		

**Loaded Rate Calculation**

**Non Exempt Employee Loaded Billing Rates**  
 A) Straight Time = Actual Hourly Rate \* (1 + Field O.H.) \* (1 + Fee) + Delta Base \* (Applicable Multiplier Delta Base) + Delta Fringe \* (Applicable Multiplier Delta Fringe)  
 B) 1.5X or 2.0X Overtime = (Actual Hourly Rate) \* (1 + Field O.H.) \* (1 + Fee) +.5X or 1.0X (Actual Hourly Rate) + Delta Base \* (Applicable Multiplier Delta Base) + Delta Fringe \* (Applicable Multiplier Delta Fringe)

**Exempt Employee Loaded Billing Rates**  
 C) Straight Time or 1.5X or 2.0X Overtime = Actual Hourly Rate \* (1 + Field O.H.) \* (1 + Fee) + Delta Base \* (Applicable Multiplier Delta Base) + Delta Fringe \* (Applicable Multiplier Delta Fringe)

The PW differentials Delta Base and Delta Fringe shown in the formulas above for Loaded Billing Rates are applicable only when performing services covered under DIR determinations.

<b>Home Office Personnel:</b>		Fringe Benefit %	Overhead %	General Administration %	Combined %
NORMAL		83.18%	56.40%	0.00%	139.58%
OVERTIME		83.18%	56.40%	0.00%	139.58%
<b>Field Office Personnel:</b>		Fringe Benefit %	Overhead %	General Administration %	Combined %
NORMAL		83.18%	56.40%	0.00%	139.58%
OVERTIME		83.18%	56.40%	0.00%	139.58%
					Fee = 6.90%
					Applicable Multiplier Delta Base (Field) = 2.3958
					Applicable Multiplier Fringe (Field) = 0.00

Name/Classification	Home Office Personnel Field Office Personnel	Prevailing Wage Rate established by State DIR (only applicable for prevailing wage work)						Employee Actual Rate (fringe benefits vary year over year)						Applicable DELTA (TOTAL) = Employee Total - DIR Total			Applicable DELTA Base = DIR Rate - Employee Base Rate			Applicable DELTA FRINGE = DELTA TOTAL - DELTA BASE (Employee - DIR)			Loaded Hourly Billing Rates			Effective Date of Hourly Rate		% Escalation Increase	Actual Hourly Rate and/or Average Hourly Rate	Hourly Range for Class				
		Base Salary		Fringe Benefits	Total Base Salary + Fringe Benefits			Base Salary		Estimate Fringe	Total = Base + Fringe			Straight	1.5 OT	2.0 OT	Straight	1.5 OT	2.0 OT	Straight	1.5 OT	2.0 OT	Straight	OT (1.5x)	OT (2x)	From	To							
		Straight	1.5 OT		2.0 OT	Straight	1.5 OT	2.0 OT	Straight		1.5 OT	2.0 OT	Straight																		1.5 OT	2.0 OT	Straight	1.5 OT
Robert Lohman * Materials Tester/ Plant Inspector Group 3 Prevailing Wage Work-Regular Shift (Non-Exempt)	FIELD	\$32.92	\$49.38	\$65.84	\$25.66	\$58.58	\$75.04	\$91.50	\$32.92	\$49.38	\$65.84	\$25.66	\$58.58	\$75.04	\$91.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$84.31	\$100.77	\$117.23	7/1/2013	6/30/2014	Local 3	\$ 32.92	N/A	
		\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$84.31	\$100.77	\$117.23	7/1/2014	6/30/2015	Local 3	\$ 32.92	N/A
		\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$84.31	\$100.77	\$117.23	7/1/2015	6/30/2016	Local 3	\$ 32.92	N/A
		\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$84.31	\$100.77	\$117.23	7/1/2016	6/30/2017	Local 3	\$ 32.92	N/A
Robert Lohman * Materials Tester/ Plant Inspector Group 3 Prevailing Wage Work-Night Shift (Non-Exempt)	FIELD	\$37.04	\$55.56	\$74.08	\$25.66	\$62.70	\$81.22	\$99.74	\$37.04	\$55.56	\$74.08	\$25.66	\$62.70	\$81.22	\$99.74	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$94.86	\$113.38	\$131.90	7/1/2013	6/30/2014	Local 3	\$ 37.04	N/A	
		\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$94.86	\$113.38	\$131.90	7/1/2014	6/30/2015	Local 3	\$ 37.04	N/A
		\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$94.86	\$113.38	\$131.90	7/1/2015	6/30/2016	Local 3	\$ 37.04	N/A
		\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$94.86	\$113.38	\$131.90	7/1/2016	6/30/2017	Local 3	\$ 37.04	N/A
Zantino Ochoa * Materials Tester/ Plant Inspector Group 3 Prevailing Wage Work-Regular Shift (Non-Exempt)	FIELD	\$32.92	\$49.38	\$65.84	\$25.66	\$58.58	\$75.04	\$91.50	\$32.92	\$49.38	\$65.84	\$25.66	\$58.58	\$75.04	\$91.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$84.31	\$100.77	\$117.23	7/1/2013	6/30/2014	Local 3	\$ 32.92	N/A	
		\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$84.31	\$100.77	\$117.23	7/1/2014	6/30/2015	Local 3	\$ 32.92	N/A	
		\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$84.31	\$100.77	\$117.23	7/1/2015	6/30/2016	Local 3	\$ 32.92	N/A	
		\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$84.31	\$100.77	\$117.23	7/1/2016	6/30/2017	Local 3	\$ 32.92	N/A	
Zantino Ochoa * Materials Tester/ Plant Inspector Group 3 Prevailing Wage Work-Night Shift (Non-Exempt)	FIELD	\$37.04	\$55.56	\$74.08	\$25.66	\$62.70	\$81.22	\$99.74	\$37.04	\$55.56	\$74.08	\$25.66	\$62.70	\$81.22	\$99.74	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$94.86	\$113.38	\$131.90	7/1/2013	6/30/2014	Local 3	\$ 37.04	N/A	
		\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$94.86	\$113.38	\$131.90	7/1/2014	6/30/2015	Local 3	\$ 37.04	N/A	
		\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$94.86	\$113.38	\$131.90	7/1/2015	6/30/2016	Local 3	\$ 37.04	N/A	
		\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$94.86	\$113.38	\$131.90	7/1/2016	6/30/2017	Local 3	\$ 37.04	N/A	
Dan Nisbeth* Materials Tester/ Plant Inspector Group 3 Prevailing Wage Work-Regular Shift (Non-Exempt)	FIELD	\$32.92	\$49.38	\$65.84	\$25.66	\$58.58	\$75.04	\$91.50	\$36.42	\$54.63	\$72.84	\$25.66	\$62.08	\$80.29	\$98.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$93.28	\$111.49	\$129.70	7/1/2013	6/30/2014	Local 3	\$ 36.42	N/A	
		\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$36.42	\$54.63	\$72.84	\$27.26	\$63.68	\$81.89	\$100.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$93.28	\$111.49	\$129.70	7/1/2014	6/30/2015	Local 3	\$ 36.42	N/A	
		\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$36.42	\$54.63	\$72.84	\$27.26	\$63.68	\$81.89	\$100.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$93.28	\$111.49	\$129.70	7/1/2015	6/30/2016	Local 3	\$ 36.42	N/A	
		\$32.92	\$49.38	\$65.84	\$27.26	\$60.18	\$76.64	\$93.10	\$36.42	\$54.63	\$72.84	\$27.26	\$63.68	\$81.89	\$100.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$93.28	\$111.49	\$129.70	7/1/2016	6/30/2017	Local 3	\$ 36.42	N/A	
Dan Nisbeth* Materials Tester/ Plant Inspector Group 3 Prevailing Wage Work-Night Shift (Non-Exempt)	FIELD	\$37.04	\$55.56	\$74.08	\$25.66	\$62.70	\$81.22	\$99.74	\$40.97	\$61.46	\$81.94	\$25.66	\$66.63	\$87.12	\$107.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$104.93	\$125.41	\$145.90	7/1/2013	6/30/2014	Local 3	\$ 40.97	N/A	
		\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$40.97	\$61.46	\$81.94	\$27.26	\$68.23	\$88.72	\$109.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$104.93	\$125.41	\$145.90	7/1/2014	6/30/2015	Local 3	\$ 40.97	N/A	
		\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$40.97	\$61.46	\$81.94	\$27.26	\$68.23	\$88.72	\$109.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$104.93	\$125.41	\$145.90	7/1/2015	6/30/2016	Local 3	\$ 40.97	N/A	
		\$37.04	\$55.56	\$74.08	\$27.26	\$64.30	\$82.82	\$101.34	\$40.97	\$61.46	\$81.94	\$27.26	\$68.23	\$88.72	\$109.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$104.93	\$125.41	\$145.90	7/1/2016	6/30/2017	Local 3	\$ 40.97	N/A	
Seth Fitzgibbon* Materials Tester/ Plant Inspector Apprentice 4 Prevailing Wage Work-Regular Shift (Non-Exempt)	FIELD	\$27.34	\$41.01	\$54.68	\$14.73	\$42.07	\$55.74	\$69.41	\$27.34	\$41.01	\$54.68	\$14.73	\$42.07	\$55.74	\$69.41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$70.02	\$83.69	\$97.36	7/1/2013	6/30/2014	Local 3	\$ 27.34	N/A	
		\$27.34	\$41.01	\$54.68	\$16.33	\$43.67	\$57.34	\$71.01	\$27.34	\$41.01	\$54.68	\$16.33	\$43.67	\$57.34	\$71.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$70.02	\$83.69	\$97.36	7/1/2014	6/30/2015	Local 3	\$ 27.34	N/A	
		\$27.34	\$41.01	\$54.68	\$16.33	\$43.67	\$57.34	\$71.01	\$27.34	\$41.01	\$54.68	\$16.33	\$43.67	\$57.34	\$71.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$70.02	\$83.69	\$97.36	7/1/2015	6/30/2016	Local 3	\$ 27.34	N/A	
		\$27.34	\$41.01	\$54.68	\$16.33	\$43.67	\$57.34	\$71.01	\$27.34	\$41.01	\$54.68	\$16.33	\$43.67	\$57.34	\$71.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$70.02	\$83.69	\$97.36	7/1/2016	6/30/2017	Local 3	\$ 27.34	N/A	
Seth Fitzgibbon* Materials Tester/ Plant Inspector Apprentice 4 Prevailing Wage Work-Night Shift (Non-Exempt)	FIELD	\$30.74	\$46.11	\$61.48	\$14.73	\$45.47	\$60.84	\$76.21	\$30.74	\$46.11	\$61.48	\$14.73	\$45.47	\$60.84	\$76.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$78.73	\$94.10	\$109.47	7/1/2013	6/30/2014	Local 3	\$ 30.74	N/A	
		\$30.74	\$46.11	\$61.48	\$16.33	\$47.07	\$62.44	\$77.81	\$30.74	\$46.11	\$61.48	\$16.33	\$47.07	\$62.44	\$77.81	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$78.73	\$94.10	\$109.47	7/1/2014	6/30/2015	Local 3	\$ 30.74	N/A	
		\$30.74	\$46.11	\$61.48	\$16.33	\$47.07	\$62.44	\$77.81	\$30.74	\$46.11	\$61.48	\$16.33	\$47.07	\$62.44	\$77.81	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$78.73	\$94.10	\$109.47	7/1/2015	6/30/2016	Local 3	\$ 30.74	N/A	
		\$30.74	\$46.11	\$61.48	\$16.33	\$47.07	\$62.44	\$77.81	\$30.74	\$46.11	\$61.48	\$16.33	\$47.07	\$62.44	\$77.81	\$0.00	\$0.00	\$0.00	\$0.0															





<b>Loaded Rate Calculation</b>
<b>Non Exempt Employee Loaded Billing Rates</b>
A) Straight Time = Actual Hourly Rate * (1 + Field O.H.) * (1 + Fee) + Delta Base * (Applicable Multiplier Delta Base) + Delta Fringe * (Applicable Multiplier Delta Fringe)
B) 1.5X or 2.0X Overtime = (Actual Hourly Rate) * (1 + Field O.H.) * (1 + Fee) + .5X or 1.0X (Actual Hourly Rate) + Delta Base * (Applicable Multiplier Delta Base) + Delta Fringe * (Applicable Multiplier Delta Fringe)
<b>Exempt Employee Loaded Billing Rates</b>
C) Straight Time or 1.5X or 2.0X Overtime = Actual Hourly Rate * (1 + Field O.H.) * (1 + Fee) + Delta Base * (Applicable Multiplier Delta Base) + Delta Fringe * (Applicable Multiplier Delta Fringe)
The PW differentials Delta Base and Delta Fringe shown in the formulas above for Loaded Billing Rates are applicable only when performing services covered under DIR determinations.

<b>Home Office Personnel:</b>	Fringe Benefit %	Overhead %	General Administration %	Combined %			
NORMAL	83.18%	+	56.40%	+	0.00%	=	<b>139.58%</b>
OVERTIME	83.18%	+	56.40%	+	0.00%	=	<b>139.58%</b>
<b>Field Office Personnel:</b>	Fringe Benefit %	Overhead %	General Administration %	Combined %			
NORMAL	83.18%	+	56.40%	+	0.00%	=	<b>139.58%</b>
OVERTIME	83.18%	+	56.40%	+	0.00%	=	<b>139.58%</b>
			Fee	=	6.90%		
			Applicable Multiplier Delta Base (Field)	=	2.3958		
			Applicable Multiplier Fringe (Field)	=	0.00		

Name/Classification	Home Office Personnel Field Office Personnel	Prevailing Wage Rate established by State DIR (only applicable for prevailing wage work)						Employee Actual Rate (fringe benefits vary year over year)						Applicable DELTA (TOTAL) = Employee Total - DIR Total			Applicable DELTA Base = DIR Rate - Employee Base Rate			Applicable DELTA FRINGE = DELTA TOTAL - DELTA BASE (Employee - DIR)			Loaded Hourly Billing Rates			Effective Date of Hourly Rate		% Escalation Increase	Actual Hourly Rate and/or Average Hourly Rate	Hourly Range for Class			
		Base Salary			Fringe Benefits	Total Base Salary + Fringe Benefits			Base Salary			Estimate Fringe	Total = Base + Fringe			Straight	1.5 OT	2.0 OT	Straight	1.5 OT	2.0 OT	Straight	1.5 OT	2.0 OT	Straight	OT (1.5x)	OT (2x)				From	To	
		Straight	1.5 OT	2.0 OT		Straight	1.5 OT	2.0 OT	Straight	1.5 OT	2.0 OT		Straight	1.5 OT	2.0 OT																		Straight
Apprentice 5  Prevailing Wage Work-Regular Shift (Non-Exempt)	FIELD	\$33.20	\$49.80	\$66.40	\$23.41	\$56.61	\$73.21	\$89.81	\$33.20	\$49.80	\$66.40	\$23.41	\$56.61	\$73.21	\$89.81	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$85.03	\$101.63	\$118.23	7/1/2013	6/30/2014	Local 3	\$ 33.20	N/A
		\$33.20	\$49.80	\$66.40	\$25.01	\$58.21	\$74.81	\$91.41	\$33.20	\$49.80	\$66.40	\$25.01	\$58.21	\$74.81	\$91.41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$85.03	\$101.63	\$118.23	7/1/2014	6/30/2015	Local 3	\$ 33.20	
		\$33.20	\$49.80	\$66.40	\$25.01	\$58.21	\$74.81	\$91.41	\$33.20	\$49.80	\$66.40	\$25.01	\$58.21	\$74.81	\$91.41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$85.03	\$101.63	\$118.23	7/1/2015	6/30/2016	Local 3	\$ 33.20	
		\$33.20	\$49.80	\$66.40	\$25.01	\$58.21	\$74.81	\$91.41	\$33.20	\$49.80	\$66.40	\$25.01	\$58.21	\$74.81	\$91.41	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$85.03	\$101.63	\$118.23	7/1/2016	6/30/2017	Local 3	\$ 33.20	
Apprentice 5  Prevailing Wage Work-Night Shift (Non-Exempt)	FIELD	\$37.33	\$56.00	\$74.66	\$23.41	\$60.74	\$79.41	\$98.07	\$37.33	\$56.00	\$74.66	\$23.41	\$60.74	\$79.41	\$98.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$95.61	\$114.27	\$132.94	7/1/2013	6/30/2014	Local 3	\$ 37.33	N/A	
		\$37.33	\$56.00	\$74.66	\$25.01	\$62.34	\$81.01	\$99.67	\$37.33	\$56.00	\$74.66	\$25.01	\$62.34	\$81.01	\$99.67	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$95.61	\$114.27	\$132.94	7/1/2014	6/30/2015	Local 3	\$ 37.33		
		\$37.33	\$56.00	\$74.66	\$25.01	\$62.34	\$81.01	\$99.67	\$37.33	\$56.00	\$74.66	\$25.01	\$62.34	\$81.01	\$99.67	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$95.61	\$114.27	\$132.94	7/1/2015	6/30/2016	Local 3	\$ 37.33		
		\$37.33	\$56.00	\$74.66	\$25.01	\$62.34	\$81.01	\$99.67	\$37.33	\$56.00	\$74.66	\$25.01	\$62.34	\$81.01	\$99.67	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$95.61	\$114.27	\$132.94	7/1/2016	6/30/2017	Local 3	\$ 37.33		

- Note employees/classifications that are subject to prevailing wage requirements with an asterisk (\*). Prevailing Wage specified is based on current DIR determination/Local 3 contract. Any future DIR/Local3 contract escalation of prevailing wage rate will be reflected in the loaded rates
- "NC" denotes No Charge for work more than 8 hours per day and for weekends and holidays for this contract only.
- The billing rates shown in this cost proposal for field staff entitled for PW rates are calculated with estimated fringe benefits of the staff. The actual billing rates to be used in the invoices will be calculated by using the actual PW fringe benefits of the individual staff in accordance with the certified benefits statement submitted with each invoice.
- The employees' actual hourly rates shown in this cost proposal are the rates that were effective on 07/01/13. Caltrans Contract Manager's pre-approval is required for addition of staff not previously listed on the cost proposal. The billing rates for these employees, including those that fall under general classifications, will be calculated and reimbursed based on their actual hourly rates on 07/01/13. Hourly rates for new employees hired after the date of this cost proposal will not exceed (or shall be in line with) the rates of similar personnel listed on this cost proposal having similar experience.
- Travel Time Charges:  
**For Managers:** On weekdays up to a maximum of 8 hours will be charged for work time, travel time or any combination of travel and work time. Billing Rate = Loaded Rate Formula "C" above.  
**For Exempt staff:** During regular work day, actual travel time not to exceed 8 hours in any one day or one way travel will be billed as follow:  
 Billing rate for travel time = Loaded Rate Formula "C" above.  
  
**For Non-Exempt Employees:** Travel time will be billed in accordance with local 3 agreement.
- Provisional overhead rate used for the contract is based on data from financial fiscal year ending December 28, 2012. This rate is subject to review and approval by C.T. audit.
- All provisions of Operating Engineers Local 3 contract will apply including Section 4 Working Rules, which provide hourly minimums for partial shifts.

<b>Loaded Rate Calculation</b>
<b>Non Exempt Employee Loaded Billing Rates</b>
A) Straight Time = Actual Hourly Rate * (1 + Field O.H.) * (1 + Fee) + Delta Base * (Applicable Multiplier Delta Base) + Delta Fringe * (Applicable Multiplier Delta Fringe)
B) 1.5X or 2.0X Overtime = (Actual Hourly Rate) * (1 + Field O.H.) * (1 + Fee) +.5X or 1.0X (Actual Hourly Rate) + Delta Base * (Applicable Multiplier Delta Base) + Delta Fringe * (Applicable Multiplier Delta Fringe)
<b>Exempt Employee Loaded Billing Rates</b>
C) Straight Time or 1.5X or 2.0X Overtime = Actual Hourly Rate * (1 + Field O.H.) * (1 + Fee) + Delta Base * (Applicable Multiplier Delta Base) + Delta Fringe * (Applicable Multiplier Delta Fringe)

<b>Home Office Personnel:</b>	Fringe Benefit %	Overhead %	General Administration %	Combined %
NORMAL	45.00% +	100.00% +	0.00%	= 145.00%
OVERTIME	45.00% +	100.00% +	0.00%	= 145.00%
<b>Field Office Personnel:</b>	Fringe Benefit %	Overhead %	General Administration %	Combined %
NORMAL	45.00% +	100.00% +	0.00%	= 145.00%
OVERTIME	45.00% +	100.00% +	0.00%	= 145.00%
	Fee			= 6.90%
	Applicable Multiplier Delta Base (Field)			= 2.450
	Applicable Multiplier Fringe (Field)			= 0.000

The PW differentials Delta Base and Delta Fringe shown in the formulas above for Loaded Billing Rates are applicable only when performing services covered under DIR determinations.

Name/Classification	Home Office Personnel Field Office Personnel	Prevailing Wage Rate established by State DIR (only applicable for prevailing wage work)						Employee Actual Rate (fringe benefits vary year over year)						Applicable DELTA (TOTAL) = Employee Total - DIR Total			Applicable DELTA Base = DIR Rate - Employee Base Rate			Applicable DELTA FRINGE = DELTA TOTAL - DELTA BASE (Employee - DIR)			Loaded Hourly Billing Rates			Effective Date of Hourly Rate		% Escalation Increase	Actual Hourly Rate and/or Average Hourly Rate	Hourly Range for Class								
		Base Salary			Fringe Benefits	Total Base Salary + Fringe Benefits			Base Salary			Estimate Fringe	Total = Base + Fringe			Straight	1.5 OT	2.0 OT	Straight	1.5 OT	2.0 OT	Straight	1.5 OT	2.0 OT	Straight	OT (1.5x)	OT (2x)				From	To						
		Straight	1.5 OT	2.0 OT		Straight	1.5 OT	2.0 OT	Straight	1.5 OT	2.0 OT		Straight	1.5 OT	2.0 OT																		Straight	1.5 OT	2.0 OT			
Gary Parikh Project Manager (See Note 7) Non-Prevailing Wage Work (Exempt)	OFFICE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$188.26	NC	NC	7/1/2013	6/30/2014	2.00%	\$ 71.88	N/A					
																										\$192.03	NC	NC	7/1/2014	6/30/2015	2.00%	\$ 73.32						
																											\$195.88	NC	NC	7/1/2015	6/30/2016	2.00%		\$ 74.79				
																											\$199.81	NC	NC	7/1/2016	6/30/2017	2.00%		\$ 76.29				
Prav Dayah Sr. Lab Technician Non-Prevailing Wage Work (Exempt)	OFFICE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$114.14	NC	NC	7/1/2013	6/30/2014	2.00%	\$ 43.58	N/A					
																										\$116.42	NC	NC	7/1/2014	6/30/2015	2.00%	\$ 44.45						
																											\$118.75	NC	NC	7/1/2015	6/30/2016	2.00%		\$ 45.34				
																											\$121.13	NC	NC	7/1/2016	6/30/2017	2.00%		\$ 46.25				
Dharmesh Dayah Lab Technician Non-Prevailing Wage Work (Non-Exempt)	OFFICE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$72.60	\$86.46	\$100.32	7/1/2013	6/30/2014	2.00%	\$ 27.72	N/A						
																										\$74.04	\$88.18	\$102.31	7/1/2014	6/30/2015	2.00%		\$ 28.27					
																											\$75.53	\$89.95	\$104.37	7/1/2015	6/30/2016		2.00%	\$ 28.84				
																											\$77.05	\$91.76	\$106.47	7/1/2016	6/30/2017		2.00%	\$ 29.42				
Virgil Santos Material Tester Group 3 Non-Prevailing Wage Work (Exempt)	FIELD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$105.91	NC	NC	7/1/2013	6/30/2014	DIR	\$ 40.44	N/A						
																										\$108.04	NC	NC	7/1/2014	6/30/2015	DIR		\$ 40.44					
																											\$110.21	NC	NC	7/1/2015	6/30/2016		DIR	\$ 40.44				
																											\$112.41	NC	NC	7/1/2016	6/30/2017		DIR	\$ 40.44				
Virgil Santos Material Tester Group 3 Prevailing Wage Work-Regular Shift (Non-Exempt)	FIELD	\$32.92	\$49.38	\$65.84	\$25.66	\$58.58	\$75.04	\$91.50	\$40.44	\$60.66	\$80.88	\$10.63	\$51.07	\$71.29	\$91.51	(\$7.51)	(\$3.75)	\$0.00	\$0.00	\$0.00	\$0.00	(\$7.51)	(\$3.75)	\$0.00	\$105.91	\$126.13	\$146.35	7/1/2013	6/30/2014	DIR	\$ 40.44	N/A						
																											\$105.91	\$126.13	\$146.35	7/1/2014	6/30/2015		DIR	\$ 40.44				
																												\$105.91	\$126.13	\$146.35	7/1/2015		6/30/2016	DIR	\$ 40.44			
																												\$105.91	\$126.13	\$146.35	7/1/2016		6/30/2017	DIR	\$ 40.44			
Virgil Santos Material Tester Group 3 Prevailing Wage Work-Night Shift (Non-Exempt)	FIELD	\$37.04	\$55.56	\$74.08	\$25.66	\$62.70	\$81.22	\$99.74	\$40.44	\$60.66	\$80.88	\$10.63	\$51.07	\$71.29	\$91.51	(\$11.63)	(\$9.93)	(\$8.23)	\$0.00	\$0.00	\$0.00	(\$11.63)	(\$9.93)	(\$8.23)	\$105.91	\$126.13	\$146.35	7/1/2013	6/30/2014	DIR	\$ 40.44	N/A						
																												\$105.91	\$126.13	\$146.35	7/1/2014		6/30/2015	DIR	\$ 40.44			
																													\$105.91	\$126.13	\$146.35		7/1/2015	6/30/2016	DIR	\$ 40.44		
																													\$105.91	\$126.13	\$146.35		7/1/2016	6/30/2017	DIR	\$ 40.44		
Ignacio Arechiga Material Tester Group 3 Non-Prevailing Wage Work (Exempt)	FIELD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$76.90	NC	NC	7/1/2013	6/30/2014	DIR	\$ 29.36	N/A						
																											\$78.44	NC	NC	7/1/2014	6/30/2015		DIR	\$ 29.36				
																												\$80.01	NC	NC	7/1/2015		6/30/2016	DIR	\$ 29.36			
																												\$81.61	NC	NC	7/1/2016		6/30/2017	DIR	\$ 29.36			
Ignacio Arechiga Material Tester Group 3 Prevailing Wage Work-Regular Shift (Exempt)	FIELD	\$32.92	\$49.38	\$65.84	\$25.66	\$58.58	\$75.04	\$91.50	\$29.36	\$44.04	\$58.72	\$6.09	\$35.45	\$50.13	\$64.81	(\$23.13)	(\$24.91)	(\$26.69)	(\$3.56)	(\$5.34)	(\$7.12)	(\$19.57)	(\$19.57)	(\$19.57)	\$85.62	\$104.66	\$123.70	7/1/2013	6/30/2014	DIR	\$ 29.36	N/A						
																													\$85.62	\$104.66	\$123.70		7/1/2014	6/30/2015	DIR	\$ 29.36		
																														\$85.62	\$104.66		\$123.70	7/1/2015	6/30/2016	DIR	\$ 29.36	
																														\$85.62	\$104.66		\$123.70	7/1/2016	6/30/2017	DIR	\$ 29.36	
Ignacio Arechiga Material Tester Group 3 Prevailing Wage Work-Night Shift (Exempt)	FIELD	\$37.04	\$55.56	\$74.08	\$25.66	\$62.70	\$81.22	\$99.74	\$29.36	\$44.04	\$58.72	\$6.09	\$35.45	\$50.13	\$64.81	(\$27.25)	(\$31.09)	(\$34.93)	(\$7.68)	(\$11.52)	(\$15.36)	(\$19.57)	(\$19.57)	(\$19.57)	\$95.71	\$119.80	\$143.89	7/1/2013	6/30/2014	DIR	\$ 29.36	N/A						
																														\$95.71	\$119.80		\$143.89	7/1/2014	6/30/2015	DIR	\$ 29.36	
																															\$95.71		\$119.80	\$143.89	7/1/2015	6/30/2016	DIR	\$ 29.36
																															\$95.71		\$119.80	\$143.89	7/1/2016	6/30/2017	DIR	\$ 29.36

- Note employees/classifications that are subject to prevailing wage requirements with an asterisk (\*). Prevailing Wage specified is based on current DIR determination NC63-3-9-2012-2. Any future DIR escalation of prevailing wage rate will be reflected in the loaded rates.
- "NC" denotes No Charge for work more than 8 hours per day and for weekends and holidays for this contract only.
- The billing rates shown in this cost proposal for field staff entitled for PW rates are calculated with estimated fringe benefits of the staff. The actual billing rates to be used in the invoices will be calculated by using the actual PW fringe benefits of the individual staff in accordance with the certified benefits statement submitted with each invoice.
- The employees' actual hourly rates shown in this cost proposal are the rates that were effective on 07/01/13. Caltrans Contract Manager's pre-approval is required for addition of staff not previously listed on the cost proposal. The billing rates for these employees, including those that fall under general classifications, will be calculated and reimbursed based on their actual hourly rates on 07/01/13. Hourly rates for new employees hired after the date of this cost proposal will not exceed (or shall be in line with) the rates of similar personnel listed on this cost proposal having similar experience.
- Travel Time Charges:  
 For Managers: On weekdays up to a maximum of 8 hours will be charged for work time, travel time or any combination of travel and work time. Billing Rate = Loaded Rate Formula "C" above.  
 For Exempt staff: During regular work day, actual travel time not to exceed 8 hours in any one day or one way travel will be billed as follow:  
 Billing rate for travel time = Loaded Rate Formula "C" above.  
 All travel time, outside of the regular work day, will be billed without the application of overhead rate as follow: Billing Rate = (Actual Hourly Rate) (1+ Fee) + (Delta Base + Delta Fringe)  
 For Non-Exempt Employees: Travel time will be billed in accordance with local 3 agreement.
- Provisional overhead rate used for this contract is a voluntary reduction from the audited overhead rate, from financial fiscal year ending January 31, 2012. This rate is subject to review and approval by C.T. audit.
- This is a voluntary reduction of the actual hourly rate for this contract only.



SCHEDULE OF OTHER DIRECT COST ITEMS							
SIGNET (PRIME)		PARIKH (SUBCONSULTANT)					
DESCRIPTION OF ITEMS	UNIT	COST	DESCRIPTION OF ITEMS	UNIT	COST		
<b>Vehicle Expenses</b>			<b>Special Tooling</b>				
A. Full Size Pickup-Leased only, Charges to be billed on prorated monthly rate bases.	MO.	\$ 1,300.00	A. NA	Mo.			
B. Full Size Pickup- Signet owned, Charges to be limited to mileage charges based on the average fuel cost per mile for work related miles only as substantiated by milage logs.	EA.	\$ 0.262	B.				
<b>Communications</b>			C.				
A. Cellular Phones	EA	N/A	<b>Travel</b>				
<b>Miscellaneous</b>			A. Personal vehicle mileage	mile	Note 5		
A. Nuclear Density Gauge	EA	N/A	B. Project specific bridge tolls		Note 5		
			<b>Deliver, Printing and Reproduction</b>				
			A. External Services		Note 1		
			B.				
			C.				

**IMPORTANT NOTES:**

- Actual costs must be preapproved by the Caltrans Contract Manager, competitive in their respective industries, supported with appropriate documentations, and detailed in executed task orders.
- 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.
- Items when incurred for the same purpose, in like circumstance, should not be included in any indirect cost pool or in the overhead rate.
- Items such as special tooling, will be reimbursed at actual cost with supporting documentation (invoice)
- Travel related costs must be pre-approved by the Caltrans contract manager, is reimbursed in accordance to Caltrans Travel and Expense Claims Guidelines for Consultants detailed in executed task orders.
- If an item needs to be listed here as "tools of the trade" that is part of indirect cost and not applicable as a direct cost, note as Not Applicable (NA).
- Commuting cost will not be reimbursed by Caltrans.

State of California, Department of Transportation (Caltrans)

AGREEMENT NO. \_\_\_\_\_ TASK ORDER NO. \_\_\_\_\_

DATE:

CONSULTANT FIRM:

PROJECT TITLE:

PROJECT ID:

**I. Task Order Description**

(Describe Project. If the Agreement is for a firm fixed price, state whether the task order is for “Additional Design Services” or for “Additional Construction Support Services.”)

**II. Scope of Services**

(Include task order scope of work, expected results, and task order deliverables.)

**III. Reports and/or Meetings**

Shall be in accordance with Exhibit A of the Agreement.

**IV. Period of Performance**

Work under this Task Order shall begin on (Date) and terminate on (Date)

**V. Task Schedule**

(Outline here or attach as separate page.)

**VI. Cost**

A. The Consultant will be paid in accordance with Exhibit A, Item II - Task Orders; Exhibit B, Item II, - Compensation & Payments; the Consultant’s Cost Proposal referenced as Attachment 2 to this Agreement No. (Insert No.), and with the attached Task Order Cost Estimate.

B. In addition, the Consultant will be paid for actual direct costs, other than salary costs, that are identified in the attached cost estimate pursuant to Exhibit B, Item II, – Compensation and Payments, Paragraph B, and the Consultant’s Cost Proposal referenced as Attachment 2 of this Agreement No. (Insert No.).

State of California, Department of Transportation (Caltrans)

AGREEMENT NO. \_\_\_\_\_ TASK ORDER NO. \_\_\_\_\_

C. The total amount payable by the State under this Task Order shall not exceed \$  
*(AMOUNT)*.

**VII. Project Coordinator**

The Project Coordinator from the Department for this Task Order will be

\_\_\_\_\_.

**VIII. Conflict of Interest Certification**

Department personnel signing below certify that they have read, understand, and will comply with Deputy Directive DD-09-R3 and Government Code 19990 regarding incompatible activities and conflict of interest by State employees.

**IX. Approval Signatures**

I certify that this Task Order and attachments comply with the provisions of Agreement No. (insert no.) and are necessary for the satisfactory completion of the product(s) contracted for, and that sufficient funding has been encumbered to pay for this work.

\_\_\_\_\_

*(Type name)*

CALTRANS CONTRACT MANAGER

I certify that this Task Order and any Attachments are within the scope of the project and are necessary for the successful completion of the project.

\_\_\_\_\_

*(Type name)*

CALTRANS PROJECT MANAGER

I certify that this Task Order and any Attachments are within the scope of the project and are necessary for the successful completion of the project, and the appropriate Project Manager approval has been obtained.

\_\_\_\_\_

*(Type name)*

CALTRANS FUNCTIONAL MANAGER

State of California, Department of Transportation (Caltrans)

AGREEMENT NO. \_\_\_\_\_ TASK ORDER NO. \_\_\_\_\_

I, **type name**, certify by signing below that I have read the “Description of Services” for this Agreement and in my expert opinion:

1. The work described in this Task Order is included in the required services and
2. The work described in this Task Order is an Architectural and Engineering (A&E) service, as defined in Government Code 4525 (d) through (f).

IN WITNESS WHEREOF, this Task Order has been executed under the provisions of Agreement No. **(Insert No.)** between the State of California, Department of Transportation, and **(Consultant Name)**. By signature below, the parties hereto agree that all terms and conditions of this Task Order No. **(Insert No.)** and Agreement No. **(Insert No.)** shall be in full force and effect.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**(CONSULTANT’S BUSINESS NAME)**

By: \_\_\_\_\_  
**(Type Name)**

By: \_\_\_\_\_  
**(Type Name)**

Title: \_\_\_\_\_

Title: \_\_\_\_\_

- CALTRANS SUPERVISING OR PRINCIPAL TRANSPORTATION ENGINEER
- CALTRANS SUPERVISING OR PRINCIPAL BRIDGE ENGINEER
- CALTRANS SUPERVISING TRANSPORTATION ELECTRICAL ENGINEER
- CALTRANS SUPERVISING TRANSPORTATION SURVEYOR
- CALTRANS SUPERVISING OR PRINCIPAL LANDSCAPE ARCHITECT
- CALTRANS SUPERVISING EQUIPMENT ENGINEER
- CALTRANS SUPERVISING MECHANICAL & ELECTRICAL ENGINEER
- CALTRANS SUPERVISING TELECOMMUNICATIONS ENGINEER
- CALTRANS SUPERVISING ENGINEERING GEOLOGIST
- CALTRANS SUPERVISING ENVIRONMENTAL PLANNER
- CALTRANS SUPERVISING TRANSPORTATION PLANNER

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

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

**TASK ORDER REQUEST**

Contract Number: \_\_\_\_\_ Date: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Proposed Consultant: \_\_\_\_\_

Project Description \_\_\_\_\_

C0-RTE-KP \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Project(s) ID: \_\_\_\_\_

**Personnel Needed**

_____	Date Needed _____	How long? _____
(Classification)		
Total hours per Consultant _____	Straight Time _____	Overtime _____

_____	Date Needed _____	How long? _____
(Classification)		
Total hours per Consultant _____	Straight Time _____	Overtime _____

_____	Date Needed _____	How long? _____
(Classification)		
Total hours per Consultant _____	Straight Time _____	Overtime _____

_____	Date Needed _____	How long? _____
(Classification)		
Total hours per Consultant _____	Straight Time _____	Overtime _____

Who will supervise the listed personnel? \_\_\_\_\_

Where do the listed personnel report? \_\_\_\_\_

Special Conditions or Comments  
\_\_\_\_\_  
\_\_\_\_\_

Requested by:

_____	_____
Name and Title	Date

Approval Recommended:

_____	_____
Name and Title	Date

Approved by:

_____	_____
Name and Title	Date

DEPARTMENT OF TRANSPORTATION CONSULTANT PERSONNEL REQUEST

Date \_\_\_\_\_ Contract No. \_\_\_\_\_ Task Order No. \_\_\_\_\_

From: \_\_\_\_\_  
Consultant Firm

\_\_\_\_\_  
Name/Title of Requestor

To: \_\_\_\_\_  
Caltrans Contract Manager Name/Title

The Consultant named above hereby requests the Department of Transportation (Caltrans) Contract Manager's approval for the staff actions listed below. A Standard Form 330, or a Resume for each individual listed is attached.

EMPLOYEE NAME	TITLE/ CLASSIFICATION	HOURLY RATE	LOADED RATE	TO	FROM	HOURS	ACTIVITY

REASON:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

APPROVALS

\_\_\_\_\_  
CONSULTANT CONTRACT MANAGER

\_\_\_\_\_  
DATE

\_\_\_\_\_  
CALTRANS CONTRACT MANAGER

\_\_\_\_\_  
DATE

**NOTE: THE APPROVED FORM SHALL BE INCLUDED WITH YOUR INVOICE COST DECLARATIONS**



STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

**DISADVANTAGED BUSINESS ENTERPRISES UTILIZATION REPORT**

ADM-3069 A&E (NEW 01/2013)

**ADA Notice**  
 For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 654-6410 or TDD (916) 654-3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

CONTRACT NUMBER	INVOICE NUMBER	TASK ORDER NUMBER (if applicable)	ADMINISTERING AGENCY Department of Transportation Division of Procurement and Contracts	CONTRACT START DATE	CONTRACT COMPLETION DATE
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PRIME CONSULTANT NAME (PRINT)	BUSINESS ADDRESS	TOTAL CONTRACT AMOUNT: \$
PRIME CONSULTANT REPRESENTATIVE NAME (PRINT)		Contract Manager Must Complete This Section: Total Federal Share Amount \$ OR %

ITEM NO.	DESCRIPTION OF WORK PERFORMED AND MATERIEL PROVIDED	COMPANY NAME AND BUSINESS ADDRESS	DBE CERTIFICATION NUMBER	GENDER	OWNERSHIP CODES(S)	CONTRACT PAYMENTS		DATE WORK COMPLETE	PAYMENT DATE
						NON-DBE	DBE		
						\$	\$		
						\$	\$		
						\$	\$		
						\$	\$		
						\$	\$		
						\$	\$		
						\$	\$		
						\$	\$		
						\$	\$		
						\$	\$		

ORIGINAL COMMITMENT	<b>OWNERSHIP CODES:</b> 1= Black American 2= Hispanic American 3= Native American 4= Asian Pacific American 5= Subcontinent Asian American 6= Caucasian 7= Woman 8= Other 9= Not Applicable	TOTAL	\$	\$	Comments
\$ OR % UDBE		\$ OR % DBE	\$	\$	

List all Subconsultants and Disadvantaged Business Enterprises (DBEs) regardless of tier, whether or not the firms were originally listed for goal credit. If actual DBE utilization (or item of work) was different than that approved at the time of award, provide comments. List actual amount paid to each entity.

I CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND CORRECT

CONSULTANT REPRESENTATIVE'S SIGNATURE	BUSINESS PHONE NUMBER	DATE
---------------------------------------	-----------------------	------

TO THE BEST OF MY INFORMATION AND BELIEF, THE ABOVE INFORMATION IS COMPLETE AND CORRECT

CONTRACT MANAGER'S SIGNATURE	BUSINESS PHONE NUMBER	DATE
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COPY DISTRIBUTION (Required): (1) Original: Contract Manager  
 (2) Copy: Office of Business and Economic Opportunity, Email: to smallbusinessadvocate@dot.ca.gov or FAX to 916-324-1949

## DISADVANTAGED BUSINESS ENTERPRISES UTILIZATION REPORT

ADM-3069 A&E (NEW 01/2013)

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### Consultant Instructions:

The Disadvantaged Business Enterprises Utilization Report (ADM-3069 A&E) must be completed and submitted to the Caltrans Contract Manager with each invoice. Enter the Contract Number, Invoice Number, Task Order Number (if applicable), Contract Start Date, Completion Date (Expiration Date), Prime Consultant Name, Prime Consultant Business Address, Total Contract Amount (as written on the STD. 213).

This ADM-3069 A&E has two columns for entering the dollar value for the item(s) of work performed or provided by the firm. The Non-DBE column is used to enter the dollar value of work performed by subcontracting firms who are not certified DBE. The DBE column is used to enter the dollar value of work performed only by certified DBE firms.

DBE Prime Consultants are required to show the corresponding dollar value of work performed by their own forces.

To confirm the certification status of a DBE, access the Department of Transportation, Office of Business and Economic Opportunity website at [http://www.dot.ca.gov/hq/bep/find\\_certified.htm](http://www.dot.ca.gov/hq/bep/find_certified.htm) or call toll free (866) 810-6346 or (916) 324-1700.

If a Consultant is performing work as a DBE becomes decertified and still performs work after the decertification date, enter the total value performed by this Consultant in the DBE column for the certification period and the remaining work or services (after decertification) in the Non-DBE column. If a Subconsultant performing work as a non-DBE on the project becomes certified as a DBE, enter the dollar value of all work performed after certification as a DBE in the appropriate column.

**Date Work Complete** Column: Enter the date the work and/or Task order was completed for the respective pay period.

**Date of Payment column:** Enter the date when the Prime Consultant made the payment to the firm for the portion of work listed as being completed. DBE Prime Consultants are required to show the date of work performed by their own forces.

Consultant's Signature: Consultant certifies that the information on the ADM-3069 A&E is complete and correct.

### Contract Manager's Instructions:

Review the ADM-3069 A&E as submitted by the Consultant to ensure the form is complete and accurate. Once you receive the ADM-3069 A&E from the Consultant, enter the total (or percent) of **Federal (only) dollars** (being used in the Agreement) on the form, then sign, date, and Email to [smallbusinessadvocate@dot.ca.gov](mailto:smallbusinessadvocate@dot.ca.gov) or FAX to 916-324-1949. All completed ADM-3069 A&E need to be submitted to small business advocate @dot.ca.gov not less than twice a year, mid-April for October 1 through March 30 of each year and mid-October for April 1 through September 30 of each year.

CA130029 MOD 9 REVISED 06/07/13 CA29  
 \*\*\*\*\* THIS WAGE DETERMINATION WAS REPLACED ON 06/07/13\*\*\*\*\*  
 General Decision Number: CA130029 05/31/2013

Superseded General Decision Number: CA20120029

State: California

Construction Types: Building, Heavy (Heavy and Dredging) and Highway

Counties: Alameda, Calaveras, Contra Costa, Fresno, Kings, Madera, Mariposa, Merced, Monterey, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Stanislaus and Tuolumne Counties in California.

BUILDING CONSTRUCTION PROJECTS; DREDGING PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include water well drilling); HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	01/04/2013
1	01/18/2013
2	02/08/2013
3	03/01/2013
4	03/08/2013
5	03/22/2013
6	04/05/2013
7	04/12/2013
8	05/10/2013
9	05/31/2013

\* ASBE0016-001 01/01/2013

AREA 1: ALAMEDA, CONTRA COSTA, LAKE, MARIN, MENDOCINO, MONTEREY, NAPA, SAN BENITO, SAN FRANCISCO, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, & SONOMA COUNTIES

AREA 2: ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LASSEN, MADERA, MARIPOSA, MERCED, MODOC, MONO, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN JOAQUIN, SHASTA, SIERRA, SISKIYOU, STANISLAU, SUTTER, TEHEMA, TRINITY, TULARE, TUOLUMNE, YOLO, & YUBA COUNTIES

	Rates	Fringes
Asbestos Workers/Insulator (Includes the application of all insulating materials, Protective Coverings, Coatings, and Finishes to all types of mechanical systems)		
Area 1.....	\$ 52.65	20.52
Area 2.....	\$ 42.45	18.47

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 ASBE0016-004 01/01/2013

	Rates	Fringes
Asbestos Removal worker/hazardous material handler (Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials from mechanical systems, whether they contain asbestos or not)....	\$ 31.13	6.95

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 BOIL0549-001 01/01/2009

AREA 1: ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO & SANTA CLARA COUNTIES

AREA 2: REMAINING COUNTIES

	Rates	Fringes
BOILERMAKER		
Area 1.....	\$ 40.17	22.32
Area 2.....	\$ 37.01	22.25

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 BRCA0003-001 06/01/2011

	Rates	Fringes
MARBLE FINISHER.....	\$ 28.02	12.22

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BRCA0003-003 06/01/2011

	Rates	Fringes
MARBLE MASON.....	\$ 39.22	18.68

BRCA0003-005 05/01/2011

	Rates	Fringes
<b>BRICKLAYER</b>		
( 1) Fresno, Kings, Madera, Mariposa, Merced....	\$ 34.11	19.34
( 7) San Francisco, San Mateo.....	\$ 39.85	22.00
( 8) Alameda, Contra Costa, San Benito, Santa Clara.....	\$ 39.63	19.92
( 9) Calaveras, San Joaquin, Stanislaus, Tuolumne.....	\$ 35.11	18.99
(16) Monterey, Santa Cruz...	\$ 35.91	22.42

BRCA0003-008 06/01/2011

	Rates	Fringes
TERRAZZO FINISHER.....	\$ 30.30	13.77
TERRAZZO WORKER/SETTER.....	\$ 39.30	21.20

BRCA0003-011 01/01/2011

AREA 1: Alameda, Contra Costa, Monterey, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz

AREA 2: Calaveras, San Joaquin, Stanislaus, Tuolumne

AREA 3: Fresno, Kings, Madera, Mariposa, Merced

	Rates	Fringes
<b>TILE FINISHER</b>		
Area 1.....	\$ 21.44	12.31
Area 2.....	\$ 21.26	12.44
Area 3.....	\$ 21.01	11.58
Tile Layer		

Area 1.....	\$ 38.61	13.73
Area 2.....	\$ 34.41	13.68
Area 3.....	\$ 29.78	13.10

CARP0022-001 07/01/2012

San Francisco County

	Rates	Fringes
<b>Carpenters</b>		
Bridge Builder/Highway Carpenter.....	\$ 38.50	25.68
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 38.65	25.68
Journeyman Carpenter.....	\$ 38.50	25.68
Millwright.....	\$ 38.60	27.27

CARP0034-001 07/01/2012

	Rates	Fringes
<b>Diver</b>		
Assistant Tender, ROV Tender/Technician.....	\$ 37.75	28.88
Diver standby.....	\$ 42.53	28.88
Diver Tender.....	\$ 41.53	28.88
Diver wet.....	\$ 85.06	28.88
Manifold Operator (mixed gas).....	\$ 46.53	28.88
Manifold Operator (Standby).....	\$ 41.53	28.88

DEPTH PAY (Surface Diving):

050 to 100 ft	\$2.00 per foot
101 to 150 ft	\$3.00 per foot
151 to 220 ft	\$4.00 per foot

SATURATION DIVING:

The standby rate shall apply until saturation starts. The saturation diving rate applies when divers are under pressure continuously until work task and decompression are complete. The diver rate shall be paid for all saturation hours.

DIVING IN ENCLOSURES:

Where it is necessary for Divers to enter pipes or tunnels, or other enclosures where there is no vertical ascent, the following premium shall be paid: Distance traveled from entrance 26 feet to 300 feet: \$1.00 per foot. When it is necessary for a diver to enter any pipe, tunnel or other enclosure less than 48" in height, the premium will be \$1.00 per foot.

WORK IN COMBINATION OF CLASSIFICATIONS:

Employees working in any combination of classifications within the diving crew (except dive supervisor) in a shift are paid in the classification with the highest rate for that shift.

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 CARP0034-003 07/01/2012

	Rates	Fringes
Piledriver.....	\$ 37.75	28.88

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 CARP0035-007 07/01/2012

AREA 1: Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara counties

AREA 2: Monterey, San Benito, Santa Cruz Counties

AREA 3: Calaveras, Fresno, Kings, Madera, Mariposa, Merced, San Joaquin, Stanislaus, Tuolumne Counties

	Rates	Fringes
Modular Furniture Installer		
Area 1		
Installer I.....	\$ 22.61	16.71
Installer II.....	\$ 19.18	16.71
Lead Installer.....	\$ 26.06	17.21
Master Installer.....	\$ 30.28	17.21
Area 2		
Installer I.....	\$ 19.96	16.71
Installer II.....	\$ 17.01	16.71
Lead Installer.....	\$ 22.93	17.21
Master Installer.....	\$ 26.56	17.21
Area 3		
Installer I.....	\$ 19.01	16.71

Installer II.....	\$ 16.24	16.71
Lead Installer.....	\$ 21.81	17.21
Master Installer.....	\$ 25.23	17.21

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 CARP0035-008 08/01/2012

AREA 1: Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara counties

AREA 2: Monterey, San Benito, Santa Cruz Counties

AREA 3: San Joaquin

AREA 4: Calaveras, Fresno, Kings, Madera, Mariposa, Merced, Stanislaus, Tuolumne Counties

	Rates	Fringes
Drywall Installers/Lathers:		
Area 1.....	\$ 38.50	26.12
Area 2.....	\$ 32.62	26.12
Area 3.....	\$ 33.12	26.12
Area 4.....	\$ 31.77	26.12
Drywall Stocker/Scrapper		
Area 1.....	\$ 19.25	15.03
Area 2.....	\$ 16.31	15.03
Area 3.....	\$ 16.56	15.03
Area 4.....	\$ 15.88	15.03

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 CARP0152-001 07/01/2012

Contra Costa County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 38.50	25.68
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 38.65	25.68
Journeyman Carpenter.....	\$ 38.50	25.68
Millwright.....	\$ 38.60	27.27

CARP0152-002 07/01/2012

San Joaquin County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 38.50	25.68
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 32.77	25.68
Journeyman Carpenter.....	\$ 32.62	25.68
Millwright.....	\$ 35.12	27.27

CARP0152-004 07/01/2012

Calaveras, Mariposa, Merced, Stanislaus and Tuolumne Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 38.50	25.68
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 31.42	25.68
Journeyman Carpenter.....	\$ 31.27	25.68
Millwright.....	\$ 33.77	27.27

CARP0217-001 07/01/2012

San Mateo County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 38.50	25.68
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw		

Filer.....	\$ 38.65	25.68
Journeyman Carpenter.....	\$ 38.50	25.68
Millwright.....	\$ 38.60	27.27

CARP0405-001 07/01/2012

Santa Clara County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 38.50	25.68
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 38.65	25.68
Journeyman Carpenter.....	\$ 38.50	25.68
Millwright.....	\$ 38.60	27.27

CARP0405-002 07/01/2012

San Benito County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 38.50	25.68
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 32.77	25.68
Journeyman Carpenter.....	\$ 32.62	25.68
Millwright.....	\$ 35.12	27.27

CARP0505-001 07/01/2012

Santa Cruz County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 38.50	25.68

Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....\$ 32.77	25.68	
Journeyman Carpenter.....\$ 32.62		25.68
Millwright.....\$ 35.12	27.27	

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 CARP0605-001 07/01/2012

Monterey County

Rates Fringes

Carpenters		
Bridge Builder/Highway Carpenter.....\$ 38.50	25.68	
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....\$ 32.77	25.68	
Journeyman Carpenter.....\$ 32.62		25.68
Millwright.....\$ 35.12	27.27	

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 CARP0701-001 07/01/2012

Fresno and Madera Counties

Rates Fringes

Carpenters		
Bridge Builder/Highway Carpenter.....\$ 38.50	25.68	
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....\$ 31.42	25.68	
Journeyman Carpenter.....\$ 31.27		25.68
Millwright.....\$ 33.77	27.27	

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 CARP0713-001 07/01/2012

Alameda County

Rates Fringes

Carpenters		
Bridge Builder/Highway Carpenter.....\$ 38.50	25.68	
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....\$ 38.65	25.68	
Journeyman Carpenter.....\$ 38.50		25.68
Millwright.....\$ 38.60	27.27	

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 CARP1109-001 07/01/2012

Kings County

Rates Fringes

Carpenters		
Bridge Builder/Highway Carpenter.....\$ 38.50	25.68	
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....\$ 31.42	25.68	
Journeyman Carpenter.....\$ 31.27		25.68
Millwright.....\$ 33.77	27.27	

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 ELEC0006-001 12/01/2011

ALAMEDA, CONTRA COSTA, MONTEREY, SAN BENITO, SAN MATEO, SANTA CLARA, AND SANTA CRUZ COUNTIES

Rates Fringes

Sound & Communications		
Installer.....\$ 30.12	3%+13.70	
Technician.....\$ 34.29	3%+13.70	

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed

in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

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 ELEC0006-004 12/01/2011

SAN FRANCISCO COUNTY

Rates Fringes

Sound & Communications  
 Installer.....\$ 30.62 3%+14.20  
 Technician.....\$ 38.16 3%+14.20

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

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 ELEC0006-007 06/01/2012

SAN FRANCISCO COUNTY

Rates Fringes

ELECTRICIAN.....\$ 54.87 25.595

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 ELEC0006-008 12/01/2011

CALAVERAS, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS AND TUOLUMNE COUNTIES

Rates Fringes

Communications System

Installer.....\$ 30.12 3%+13.70  
 Technician.....\$ 34.29 3%+13.70

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

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 ELEC0100-002 06/01/2012

FRESNO, KINGS, AND MADERA COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 33.35	3%+18.33

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 ELEC0100-005 12/01/2011

FRESNO, KINGS, MADERA

	Rates	Fringes
Communications System		
Installer.....	\$ 26.43	3%+13.70
Technician.....	\$ 30.09	3%+13.70

SCOPE OF WORK

Includes the installation testing, service and maintenance, of the following systems which utilize the transmission and/or transference of voice, sound, vision and digital for commercial, education, security and entertainment purposes for the following: TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call system, radio page, school intercom and sound, burglar alarms, and low voltage master clock systems.

A. SOUND AND VOICE TRANSMISSION/TRANSFERENCE SYSTEMS

Background foreground music, Intercom and telephone interconnect systems, Telephone systems Nurse call systems, Radio page systems, School intercom and sound systems, Burglar alarm systems, Low voltage, master clock systems, Multi-media/multiplex systems, Sound and musical entertainment systems, RF systems, Antennas and Wave Guide,

B. FIRE ALARM SYSTEMS Installation, wire pulling and testing

C. TELEVISION AND VIDEO SYSTEMS Television monitoring and surveillance systems Video security systems, Video entertainment systems, Video educational systems, Microwave transmission systems, CATV and CCTV

D. SECURITY SYSTEMS Perimeter security systems Vibration sensor systems Card access systems Access control systems, Sonar/infrared monitoring equipment

E. COMMUNICATIONS SYSTEMS THAT TRANSMIT OR RECEIVE INFORMATION AND/OR CONTROL SYSTEMS THAT ARE INTRINSIC TO

THE ABOVE LISTED SYSTEMS SCADA (Supervisory Control and Data Acquisition) PCM (Pulse Code Modulation) Inventory Control Systems, Digital Data Systems Broadband and Baseband and Carriers Point of Sale Systems, VSAT Data Systems Data Communication Systems RF and Remote Control Systems, Fiber Optic Data Systems

WORK EXCLUDED Raceway systems are not covered (excluding Ladder-Rack for the purpose of the above listed systems). Chases and/or nipples (not to exceed 10 feet) may be installed on open wiring systems. Energy management systems. SCADA (Supervisory Control and Data Acquisition) when not intrinsic to the above listed systems (in the scope). Fire alarm systems when installed in raceways (including wire and cable pulling) shall be performed at the electrician wage rate, when either of the following two (2) conditions apply:

1. The project involves new or major remodel building trades construction.
2. The conductors for the fire alarm system are installed in conduit.

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 ELEC0234-001 02/25/2013

MONTEREY, SAN BENITO AND SANTA CRUZ COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 41.50	22.45

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 ELEC0302-001 07/02/2012

CONTRA COSTA COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 50.49	24.96
ELECTRICIAN.....	\$ 44.21	24.78

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 ELEC0332-001 12/03/2012

SANTA CLARA COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 58.73	29.292
ELECTRICIAN.....	\$ 51.07	29.062

FOOTNOTES: Work under compressed air or where gas masks are required, or work on ladders, scaffolds, stacks, "Bosun's chairs," or other structures and where the workers are not protected by permanent guard rails at a distance of 40 to 60 ft. from the ground or supporting structures: to be paid one and one-half times the straight-time rate of pay.  
 Work on structures of 60 ft. or over (as described above): to be paid twice the straight-time rate of pay.

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 ELEC0595-001 06/01/2012

ALAMEDA COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 50.63	3%+27.93
ELECTRICIAN.....	\$ 45.00	3%+27.93

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 ELEC0595-002 12/01/2011

CALAVERAS AND SAN JOAQUIN COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 37.13	9.025%+21.74
ELECTRICIAN		
(1) Tunnel work.....	\$ 34.65	9.025%+21.74
(2) All other work.....	\$ 33.00	9.025%+21.74

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 ELEC0617-001 06/01/2011

SAN MATEO COUNTY

	Rates	Fringes
ELECTRICIAN.....	\$ 50.00	3%+23.34

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 ELEC0684-001 01/01/2012

MARIPOSA, MERCED, STANISLAUS AND TUOLUMNE COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 34.60	3%+17.15

CABLE SPLICER = 110% of Journeyman Electrician

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 ELEC1245-001 06/01/2012

	Rates	Fringes
LINE CONSTRUCTION		
(1) Lineman; Cable splicer..	\$ 48.95	14.05
(2) Equipment specialist (operates crawler tractors, commercial motor vehicles, backhoes, trenchers, cranes (50 tons and below), overhead & underground distribution line equipment).....	\$ 39.09	12.97
(3) Groundman.....	\$ 29.91	12.70
(4) Powderman.....	\$ 43.71	13.15

HOLIDAYS: New Year's Day, M.L. King Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and day after Thanksgiving, Christmas Day

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 ELEV0008-001 01/01/2013

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 58.07	25.185

FOOTNOTE:

PAID VACATION: Employer contributes 8% of regular hourly rate as vacation pay credit for employees with more than 5 years of service, and 6% for 6 months to 5 years of service.  
 PAID HOLIDAYS: New Years Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, Friday after Thanksgiving, and Christmas Day.

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 ENGI0003-008 07/01/2012

	Rates	Fringes
Dredging: (DREDGING: CLAMSHELL & DIPPER DREDGING; HYDRAULIC SUCTION DREDGING:) AREA 1:		
(1) Leverman.....	\$ 39.68	25.69
(2) Dredge Dozer; Heavy duty repairman.....	\$ 34.72	25.69

(3) Booster Pump Operator; Deck Engineer; Deck mate; Dredge Tender; Winch Operator.....	\$ 33.60	25.69
(4) Bargeman; Deckhand; Fireman; Leveehand; Oiler..	\$ 33.60	25.69
AREA 2:		
(1) Leverman.....	\$ 41.68	25.69
(2) Dredge Dozer; Heavy duty repairman.....	\$ 36.72	25.69
(3) Booster Pump Operator; Deck Engineer; Deck mate; Dredge Tender; Winch Operator.....	\$ 35.60	25.69
(4) Bargeman; Deckhand; Fireman; Leveehand; Oiler..	\$ 32.30	25.69

AREA DESCRIPTIONS

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2: MODOC COUNTY

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:  
 Area 1: Northernmost part  
 Area 2: Remainder

CALAVERAS COUNTY:  
 Area 1: Remainder  
 Area 2: Eastern part

COLUSA COUNTY:  
 Area 1: Eastern part  
 Area 2: Remainder

ELDORADO COUNTY:  
 Area 1: North Central part  
 Area 2: Remainder

FRESNO COUNTY:  
 Area 1: Remainder  
 Area 2: Eastern part

GLENN COUNTY:  
 Area 1: Eastern part  
 Area 2: Remainder

LASSEN COUNTY:  
 Area 1: Western part along the Southern portion of border with Shasta County  
 Area 2: Remainder

MADERA COUNTY:  
 Area 1: Except Eastern part  
 Area 2: Eastern part

MARIPOSA COUNTY  
 Area 1: Except Eastern part  
 Area 2: Eastern part

MONTERREY COUNTY  
 Area 1: Except Southwestern part  
 Area 2: Southwestern part

NEVADA COUNTY:  
 Area 1: All but the Northern portion along the border of Sierra County  
 Area 2: Remainder

PLACER COUNTY:  
 Area 1: All but the Central portion  
 Area 2: Remainder

PLUMAS COUNTY:  
 Area 1: Western portion  
 Area 2: Remainder

SHASTA COUNTY:  
 Area 1: All but the Northeastern corner  
 Area 2: Remainder

SIERRA COUNTY:  
 Area 1: Western part  
 Area 2: Remainder

SISKIYOU COUNTY:

Area 1: Central part  
 Area 2: Remainder

SONOMA COUNTY:

Area 1: All but the Northwestern corner  
 Area 2: Remainder

TEHAMA COUNTY:

Area 1: All but the Western border with Mendocino & Trinity  
 Counties  
 Area 2: Remainder

TRINITY COUNTY:

Area 1: East Central part and the Northeastern border with  
 Shasta County  
 Area 2: Remainder

TUOLUMNE COUNTY:

Area 1: Except Eastern part  
 Area 2: Eastern part

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 ENGI0003-018 06/25/2012

"AREA 1" WAGE RATES ARE LISTED BELOW

"AREA 2" RECEIVES AN ADDITIONAL \$2.00 PER HOUR ABOVE AREA 1  
 RATES.

SEE AREA DEFINITIONS BELOW

	Rates	Fringes
OPERATOR: Power Equipment (AREA 1:)		
GROUP 1.....	\$ 37.77	25.16
GROUP 2.....	\$ 36.24	25.16
GROUP 3.....	\$ 34.76	25.16
GROUP 4.....	\$ 33.38	25.16
GROUP 5.....	\$ 32.11	25.16
GROUP 6.....	\$ 30.79	25.16
GROUP 7.....	\$ 29.65	25.16
GROUP 8.....	\$ 28.51	25.16
GROUP 8-A.....	\$ 26.30	25.16

OPERATOR: Power Equipment  
 (Cranes and Attachments -  
 AREA 1:)

GROUP 1		
Cranes.....	\$ 38.65	25.16
Oiler.....	\$ 29.39	25.16
Truck crane oiler.....	\$ 31.68	25.16
GROUP 2		
Cranes.....	\$ 36.89	25.16
Oiler.....	\$ 29.18	25.16
Truck crane oiler.....	\$ 31.42	25.16
GROUP 3		
Cranes.....	\$ 35.14	25.16
Hydraulic.....	\$ 30.79	25.16
Oiler.....	\$ 28.90	25.16
Truck Crane Oiler.....	\$ 31.18	25.16

OPERATOR: Power Equipment  
 (Piledriving - AREA 1:)

GROUP 1		
Lifting devices.....	\$ 38.99	25.16
Oiler.....	\$ 29.73	25.16
Truck crane oiler.....	\$ 32.01	25.16
GROUP 2		
Lifting devices.....	\$ 37.17	25.16
Oiler.....	\$ 29.46	25.16
Truck Crane Oiler.....	\$ 31.76	25.16
GROUP 3		
Lifting devices.....	\$ 35.49	25.16
Oiler.....	\$ 29.24	25.16
Truck Crane Oiler.....	\$ 31.47	25.16
GROUP 4		
Lifting devices.....	\$ 33.72	25.16
GROUP 5		
Lifting devices.....	\$ 32.42	25.16
GROUP 6		
Lifting devices.....	\$ 31.08	25.16

OPERATOR: Power Equipment  
 (Steel Erection - AREA 1:)

GROUP 1		
Cranes.....	\$ 39.62	25.16
Oiler.....	\$ 30.07	25.16
Truck Crane Oiler.....	\$ 32.30	25.16
GROUP 2		
Cranes.....	\$ 37.85	25.16
Oiler.....	\$ 29.80	25.16
Truck Crane Oiler.....	\$ 32.08	25.16
GROUP 3		
Cranes.....	\$ 36.37	25.16
Hydraulic.....	\$ 31.42	25.16
Oiler.....	\$ 29.58	25.16

Truck Crane Oiler.....\$ 31.81	25.16
GROUP 4	
Cranes.....\$ 34.35	25.16
GROUP 5	
Cranes.....\$ 33.05	25.16
OPERATOR: Power Equipment (Tunnel and Underground Work - AREA 1:)	
SHAFTS, STOPES, RAISES:	
GROUP 1.....\$ 33.87	25.16
GROUP 1-A.....\$ 36.34	25.16
GROUP 2.....\$ 32.61	25.16
GROUP 3.....\$ 31.28	25.16
GROUP 4.....\$ 30.14	25.16
GROUP 5.....\$ 29.00	25.16
UNDERGROUND:	
GROUP 1.....\$ 33.77	25.16
GROUP 1-A.....\$ 36.24	25.16
GROUP 2.....\$ 32.51	25.16
GROUP 3.....\$ 31.18	25.16
GROUP 4.....\$ 30.04	25.16
GROUP 5.....\$ 28.90	25.16

FOOTNOTE: Work suspended by ropes or cables, or work on a Yo-Yo Cat: \$.60 per hour additional.

**POWER EQUIPMENT OPERATOR CLASSIFICATIONS**

GROUP 1: Operator of helicopter (when used in erection work); Hydraulic excavator, 7 cu. yds. and over; Power shovels, over 7 cu. yds.

GROUP 2: Highline cableway; Hydraulic excavator, 3-1/2 cu. yds. up to 7 cu. yds.; Licensed construction work boat operator, on site; Power blade operator (finish); Power shovels, over 1 cu. yd. up to and including 7 cu. yds. m.r.c.

GROUP 3: Asphalt milling machine; Cable backhoe; Combination backhoe and loader over 3/4 cu. yds.; Continuous flight tie back machine assistant to engineer or mechanic; Crane mounted continuous flight tie back machine, tonnage to apply; Crane mounted drill attachment, tonnage to apply; Dozer, slope brd; Gradall; Hydraulic excavator, up to 3 1/2 cu. yds.; Loader 4 cu. yds. and over; Long reach excavator; Multiple engine scraper (when used as push pull); Power

shovels, up to and including 1 cu. yd.; Pre-stress wire wrapping machine; Side boom cat, 572 or larger; Track loader 4 cu. yds. and over; Wheel excavator (up to and including 750 cu. yds. per hour)

GROUP 4: Asphalt plant engineer/box person; Chicago boom; Combination backhoe and loader up to and including 3/4 cu. yd.; Concrete batch plant (wet or dry); Dozer and/or push cat; Pull- type elevating loader; Gradesetter, grade checker (GPS, mechanical or otherwise); Grooving and grinding machine; Heading shield operator; Heavy-duty drilling equipment, Hughes, LDH, Watson 3000 or similar; Heavy-duty repairperson and/or welder; Lime spreader; Loader under 4 cu. yds.; Lubrication and service engineer (mobile and grease rack); Mechanical finishers or spreader machine (asphalt, Barber-Greene and similar); Miller Formless M-9000 slope paver or similar; Portable crushing and screening plants; Power blade support; Roller operator, asphalt; Rubber-tired scraper, self-loading (paddle-wheels, etc.); Rubber- tired earthmoving equipment (scrapers); Slip form paver (concrete); Small tractor with drag; Soil stabilizer (P & H or equal); Spider plow and spider puller; Tubex pile rig; Unlicensed constuction work boat operator, on site; Timber skidder; Track loader up to 4 yds.; Tractor-drawn scraper; Tractor, compressor drill combination; Welder; Woods-Mixer (and other similar Pugmill equipment)

GROUP 5: Cast-in-place pipe laying machine; Combination slusher and motor operator; Concrete conveyor or concrete pump, truck or equipment mounted; Concrete conveyor, building site; Concrete pump or pumpcrete gun; Drilling equipment, Watson 2000, Texoma 700 or similar; Drilling and boring machinery, horizontal (not to apply to waterliners, wagon drills or jackhammers); Concrete mixer/all; Person and/or material hoist; Mechanical finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types); Mechanical burm, curb and/or curb and gutter machine, concrete or asphalt); Mine or shaft hoist; Portable crusher; Power jumbo operator (setting slip-forms, etc., in tunnels); Screed (automatic or manual); Self-propelled compactor with dozer; Tractor with boom D6 or smaller; Trenching machine, maximum digging capacity over 5 ft. depth; Vermeer T-600B rock cutter or similar

GROUP 6: Armor-Coater (or similar); Ballast jack tamper; Boom- type backfilling machine; Assistant plant engineer;

Bridge and/or gantry crane; Chemical grouting machine, truck-mounted; Chip spreading machine operator; Concrete saw (self-propelled unit on streets, highways, airports and canals); Deck engineer; Drilling equipment Texoma 600, Hughes 200 Series or similar up to and including 30 ft. m.r.c.; Drill doctor; Helicopter radio operator; Hydro-hammer or similar; Line master; Skidsteer loader, Bobcat larger than 743 series or similar (with attachments); Locomotive; Lull hi-lift or similar; Oiler, truck mounted equipment; Pavement breaker, truck-mounted, with compressor combination; Paving fabric installation and/or laying machine; Pipe bending machine (pipelines only); Pipe wrapping machine (tractor propelled and supported); Screed (except asphaltic concrete paving); Self-propelled pipeline wrapping machine; Tractor; Self-loading chipper; Concrete barrier moving machine

GROUP 7: Ballast regulator; Boom truck or dual-purpose A-frame truck, non-rotating - under 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) - under 15 tons; Cary lift or similar; Combination slurry mixer and/or cleaner; Drilling equipment, 20 ft. and under m.r.c.; Firetender (hot plant); Grouting machine operator; Highline cableway signalperson; Stationary belt loader (Kolman or similar); Lift slab machine (Vagtborg and similar types); Maginnes internal full slab vibrator; Material hoist (1 drum); Mechanical trench shield; Pavement breaker with or without compressor combination; Pipe cleaning machine (tractor propelled and supported); Post driver; Roller (except asphalt); Chip Seal; Self-propelled automatically applied concrete curing machine (on streets, highways, airports and canals); Self-propelled compactor (without dozer); Signalperson; Slip-form pumps (lifting device for concrete forms); Tie spacer; Tower mobile; Trenching machine, maximum digging capacity up to and including 5 ft. depth; Truck-type loader

GROUP 8: Bit sharpener; Boiler tender; Box operator; Brakeperson; Combination mixer and compressor (shotcrete/gunite); Compressor operator; Deckhand; Fire tender; Forklift (under 20 ft.); Generator; Gunite/shotcrete equipment operator; Hydraulic monitor; Ken seal machine (or similar); Mixermobile; Oiler; Pump operator; Refrigeration plant; Reservoir-debris tug (self-propelled floating); Ross Carrier (construction site); Rotomist operator; Self-propelled tape machine; Shuttlecar; Self-propelled power sweeper operator (includes vacuum

sweeper); Slusher operator; Surface heater; Switchperson; Tar pot firetender; Tugger hoist, single drum; Vacuum cooling plant; Welding machine (powered other than by electricity)

GROUP 8-A: Elevator operator; Skidsteer loader-Bobcat 743 series or smaller, and similar (without attachments); Mini excavator under 25 H.P. (backhoe-trencher); Tub grinder wood chipper

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#### ALL CRANES AND ATTACHMENTS

GROUP 1: Clamshell and dragline over 7 cu. yds.; Crane, over 100 tons; Derrick, over 100 tons; Derrick barge pedestal-mounted, over 100 tons; Self-propelled boom-type lifting device, over 100 tons

GROUP 2: Clamshell and dragline over 1 cu. yd. up to and including 7 cu. yds.; Crane, over 45 tons up to and including 100 tons; Derrick barge, 100 tons and under; Self-propelled boom-type lifting device, over 45 tons; Tower crane

GROUP 3: Clamshell and dragline up to and including 1 cu. yd.; Cranes 45 tons and under; Self-propelled boom-type lifting device 45 tons and under; Boom Truck or dual purpose A-frame truck, non-rotating over 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) over 15 tons;

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#### PILEDRIVERS

GROUP 1: Derrick barge pedestal mounted over 100 tons; Clamshell over 7 cu. yds.; Self-propelled boom-type lifting device over 100 tons; Truck crane or crawler, land or barge mounted over 100 tons

GROUP 2: Derrick barge pedestal mounted 45 tons to and including 100 tons; Clamshell up to and including 7 cu. yds.; Self-propelled boom-type lifting device over 45 tons; Truck crane or crawler, land or barge mounted, over 45 tons up to and including 100 tons; Fundex F-12 hydraulic pile rig

GROUP 3: Derrick barge pedestal mounted under 45 tons; Self-propelled boom-type lifting device 45 tons and under; Skid/scow piledriver, any tonnage; Truck crane or crawler, land or barge mounted 45 tons and under

GROUP 4: Assistant operator in lieu of assistant to engineer; Forklift, 10 tons and over; Heavy-duty repairperson/welder

GROUP 5: Deck engineer

GROUP 6: Deckhand; Fire tender

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**STEEL ERECTORS**

GROUP 1: Crane over 100 tons; Derrick over 100 tons; Self-propelled boom-type lifting device over 100 tons

GROUP 2: Crane over 45 tons to 100 tons; Derrick under 100 tons; Self-propelled boom-type lifting device over 45 tons to 100 tons; Tower crane

GROUP 3: Crane, 45 tons and under; Self-propelled boom-type lifting device, 45 tons and under

GROUP 4: Chicago boom; Forklift, 10 tons and over; Heavy-duty repair person/welder

GROUP 5: Boom cat

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**TUNNEL AND UNDERGROUND WORK**

GROUP 1-A: Tunnel bore machine operator, 20' diameter or more

GROUP 1: Heading shield operator; Heavy-duty repairperson; Mucking machine (rubber tired, rail or track type); Raised bore operator (tunnels); Tunnel mole bore operator

GROUP 2: Combination slusher and motor operator; Concrete pump or pumpcrete gun; Power jumbo operator

GROUP 3: Drill doctor; Mine or shaft hoist

GROUP 4: Combination slurry mixer cleaner; Grouting Machine operator; Motorman

GROUP 5: Bit Sharpener; Brakeman; Combination mixer and compressor (gunite); Compressor operator; Oiler; Pump operator; Slusher operator

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**AREA DESCRIPTIONS:**

**POWER EQUIPMENT OPERATORS, CRANES AND ATTACHMENTS, TUNNEL AND UNDERGROUND** [These areas do not apply to Piledrivers and Steel Erectors]

**AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES**

**AREA 2 - MODOC COUNTY**

**THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:**

**ALPINE COUNTY:**

Area 1: Northernmost part  
Area 2: Remainder

**CALAVERAS COUNTY:**

Area 1: Except Eastern part  
Area 2: Eastern part

**COLUSA COUNTY:**

Area 1: Eastern part  
Area 2: Remainder

**DEL NORTE COUNTY:**

Area 1: Extreme Southwestern corner  
Area 2: Remainder

**ELDORADO COUNTY:**

Area 1: North Central part  
Area 2: Remainder

**FRESNO COUNTY**

Area 1: Except Eastern part

Area 2: Eastern part

**GLENN COUNTY:**

Area 1: Eastern part  
 Area 2: Remainder

**HUMBOLDT COUNTY:**

Area 1: Except Eastern and Southwestern parts  
 Area 2: Remainder

**LAKE COUNTY:**

Area 1: Southern part  
 Area 2: Remainder

**LASSEN COUNTY:**

Area 1: Western part along the Southern portion of border  
 with Shasta County  
 Area 2: Remainder

**MADERA COUNTY**

Area 1: Remainder  
 Area 2: Eastern part

**MARIPOSA COUNTY**

Area 1: Remainder  
 Area 2: Eastern part

**MENDOCINO COUNTY:**

Area 1: Central and Southeastern parts  
 Area 2: Remainder

**MONTEREY COUNTY**

Area 1: Remainder  
 Area 2: Southwestern part

**NEVADA COUNTY:**

Area 1: All but the Northern portion along the border of  
 Sierra County  
 Area 2: Remainder

**PLACER COUNTY:**

Area 1: All but the Central portion  
 Area 2: Remainder

**PLUMAS COUNTY:**

Area 1: Western portion  
 Area 2: Remainder

**SHASTA COUNTY:**

Area 1: All but the Northeastern corner  
 Area 2: Remainder

**SIERRA COUNTY:**

Area 1: Western part  
 Area 2: Remainder

**SISKIYOU COUNTY:**

Area 1: Central part  
 Area 2: Remainder

**SONOMA COUNTY:**

Area 1: All but the Northwestern corner  
 Area 2: Reaminder

**TEHAMA COUNTY:**

Area 1: All but the Western border with mendocino & Trinity  
 Counties  
 Area 2: Remainder

**TRINITY COUNTY:**

Area 1: East Central part and the Northeaster border with  
 Shasta County  
 Area 2: Remainder

**TULARE COUNTY;**

Area 1: Remainder  
 Area 2: Eastern part

**TUOLUMNE COUNTY:**

Area 1: Remainder  
 Area 2: Eastern Part

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 ENGI0003-019 06/25/2012

SEE AREA DESCRIPTIONS BELOW

Rates Fringes

OPERATOR: Power Equipment  
 (LANDSCAPE WORK ONLY)

GROUP 1		
AREA 1.....	\$ 28.64	23.75
AREA 2.....	\$ 30.64	23.75
GROUP 2		

AREA 1.....	\$ 25.04	23.75
AREA 2.....	\$ 27.04	23.75
GROUP 3		
AREA 1.....	\$ 20.43	23.75
AREA 2.....	\$ 22.43	23.75

GROUP DESCRIPTIONS:

GROUP 1: Landscape Finish Grade Operator: All finish grade work regardless of equipment used, and all equipment with a rating more than 65 HP.

GROUP 2: Landscape Operator up to 65 HP: All equipment with a manufacturer's rating of 65 HP or less except equipment covered by Group 1 or Group 3. The following equipment shall be included except when used for finish work as long as manufacturer's rating is 65 HP or less: A-Frame and Winch Truck, Backhoe, Forklift, Hydragraphic Seeder Machine, Roller, Rubber-Tired and Track Earthmoving Equipment, Skiploader, Straw Blowers, and Trencher 31 HP up to 65 HP.

GROUP 3: Landscap Utility Operator: Small Rubber-Tired Tractor, Trencher Under 31 HP.

AREA DESCRIPTIONS:

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2 - MODOC COUNTY

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:

Area 1: Northernmost part  
 Area 2: Remainder

CALAVERAS COUNTY:

Area 1: Except Eastern part  
 Area 2: Eastern part

COLUSA COUNTY:

Area 1: Eastern part

Area 2: Remainder

DEL NORTE COUNTY:

Area 1: Extreme Southwestern corner  
 Area 2: Remainder

ELDORADO COUNTY:

Area 1: North Central part  
 Area 2: Remainder

FRESNO COUNTY

Area 1: Except Eastern part  
 Area 2: Eastern part

GLENN COUNTY:

Area 1: Eastern part  
 Area 2: Remainder

HUMBOLDT COUNTY:

Area 1: Except Eastern and Southwestern parts  
 Area 2: Remainder

LAKE COUNTY:

Area 1: Southern part  
 Area 2: Remainder

LASSEN COUNTY:

Area 1: Western part along the Southern portion of border with Shasta County  
 Area 2: Remainder

MADERA COUNTY

Area 1: Remainder  
 Area 2: Eastern part

MARIPOSA COUNTY

Area 1: Remainder  
 Area 2: Eastern part

MENDOCINO COUNTY:

Area 1: Central and Southeastern parts  
 Area 2: Remainder

MONTEREY COUNTY

Area 1: Remainder  
 Area 2: Southwestern part

NEVADA COUNTY:

Area 1: All but the Northern portion along the border of  
 Sierra County  
 Area 2: Remainder

PLACER COUNTY:

Area 1: All but the Central portion  
 Area 2: Remainder

PLUMAS COUNTY:

Area 1: Western portion  
 Area 2: Remainder

SHASTA COUNTY:

Area 1: All but the Northeastern corner  
 Area 2: Remainder

SIERRA COUNTY:

Area 1: Western part  
 Area 2: Remainder

SISKIYOU COUNTY:

Area 1: Central part  
 Area 2: Remainder

SONOMA COUNTY:

Area 1: All but the Northwestern corner  
 Area 2: Reaminder

TEHAMA COUNTY:

Area 1: All but the Western border with mendocino & Trinity  
 Counties  
 Area 2: Remainder

TRINITY COUNTY:

Area 1: East Central part and the Northeaster border with  
 Shasta County  
 Area 2: Remainder

TULARE COUNTY;

Area 1: Remainder  
 Area 2: Eastern part

TUOLUMNE COUNTY:

Area 1: Remainder  
 Area 2: Eastern Part

IRON0377-002 01/01/2013

	Rates	Fringes
Ironworkers:		
Fence Erector.....	\$ 26.58	16.74
Ornamental, Reinforcing and Structural.....	\$ 33.00	25.30

PREMIUM PAY:

\$6.00 additional per hour at the following locations:

China Lake Naval Test Station, Chocolate Mountains Naval  
 Reserve-Niland,  
 Edwards AFB, Fort Irwin Military Station, Fort Irwin Training  
 Center-Goldstone, San Clemente Island, San Nicholas Island,  
 Susanville Federal Prison, 29 Palms - Marine Corps, U.S. Marine  
 Base - Barstow, U.S. Naval Air Facility - Sealey, Vandenberg AFB

\$4.00 additional per hour at the following locations:

Army Defense Language Institute - Monterey, Fallon Air Base,  
 Naval Post Graduate School - Monterey, Yermo Marine Corps  
 Logistics Center

\$2.00 additional per hour at the following locations:

Port Hueneme, Port Mugu, U.S. Coast Guard Station - Two Rock

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 LABO0036-001 07/01/2007

SAN FRANCISCO AND SAN MATEO COUNTIES:

	Rates	Fringes
MASON TENDER, BRICK.....	\$ 26.93	16.50

FOOTNOTES: Underground work such as sewers, manholes, catch  
 basins, sewer pipes, telephone conduits, tunnels and cut  
 trenches: \$5.00 per day additional. Work in live sewage:  
 \$2.50 per day additional.

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 LABO0036-002 07/01/2007

SAN FRANCISCO AND SAN MATEO COUNTIES:

	Rates	Fringes
PLASTER TENDER.....	\$ 26.48	16.23

FOOTNOTES: Work on a suspended scaffold: \$5.00 per day additional. Work operating a plaster mixer pump gun: \$1.00 per hour additional.

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 LABO0067-002 12/01/2012

AREA "A" - ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO AND SANTA CLARA COUNTIES

AREA "B" - ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LAKE, LASSEN, MADERA, MARIPOSA, MENDOCINO, MERCED, MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO AND YUBA COUNTIES

	Rates	Fringes
Asbestos Removal Laborer		
Areas A & B.....	\$ 19.06	8.62
LABORER (Lead Removal)		
Area A.....	\$ 36.25	9.19
Area B.....	\$ 35.25	9.19

ASBESTOS REMOVAL-SCOPE OF WORK: Site mobilization; initial site clean-up; site preparation; removal of asbestos-containing materials from walls and ceilings; or from pipes, boilers and mechanical systems only if they are being scrapped; encapsulation, enclosure and disposal of asbestos-containing materials by hand or with equipment or machinery; scaffolding; fabrication of temporary wooden barriers; and assembly of decontamination stations.

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 LABO0067-003 07/01/2009

AREA A: ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO & SANTA CLARA

AREA B: ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LAKE, LASSEN,

MADERA, MARIPOSA, MENOCINO, MERCED, MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SANCRCMENTO, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, SIERRA, SHASTA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO & YUBA COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person		
Area A.....	\$ 26.89	14.93
Area B.....	\$ 25.89	14.93
Traffic Control Person I		
Area A.....	\$ 27.19	14.93
Area B.....	\$ 26.19	14.93
Traffic Control Person II		
Area A.....	\$ 24.69	14.93
Area B.....	\$ 23.69	14.93

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

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 LABO0067-006 06/28/2010

AREA "A" - ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO AND SANTA CLARA COUNTIES

AREA "B" - ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, EL DORADO, FRESNO, GLENN, KINGS, LASSEN, MADERA, MARIPOSA, MERCED, MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO AND YUBA COUNTIES

	Rates	Fringes
Laborers: (CONSTRUCTION CRAFT LABORERS - AREA A:)		
Construction Specialist		
Group.....	\$ 27.84	15.82

GROUP 1.....	\$ 27.14	15.82
GROUP 1-a.....	\$ 27.36	15.82
GROUP 1-c.....	\$ 27.19	15.82
GROUP 1-e.....	\$ 27.69	15.82
GROUP 1-f.....	\$ 27.72	15.82
GROUP 1-g (Contra Costa County).....	\$ 27.34	15.82
GROUP 2.....	\$ 26.99	15.82
GROUP 3.....	\$ 26.89	15.82
GROUP 4.....	\$ 20.58	15.82

See groups 1-b and 1-d under laborer classifications.

Laborers: (CONSTRUCTION CRAFT  
 LABORERS - AREA B:)

Construction Specialist Group.....	\$ 26.84	15.82
GROUP 1.....	\$ 26.14	15.82
GROUP 1-a.....	\$ 26.36	15.82
GROUP 1-c.....	\$ 26.19	15.82
GROUP 1-e.....	\$ 26.69	15.82
GROUP 1-f.....	\$ 26.72	15.82
GROUP 2.....	\$ 25.99	15.82
GROUP 3.....	\$ 25.89	15.82
GROUP 4.....	\$ 19.58	15.82

See groups 1-b and 1-d under laborer classifications.

Laborers: (GUNITE - AREA A:)

GROUP 1.....	\$ 28.10	15.82
GROUP 2.....	\$ 27.60	15.82
GROUP 3.....	\$ 27.60	15.82
GROUP 4.....	\$ 27.60	15.82

Laborers: (GUNITE - AREA B:)

GROUP 1.....	\$ 27.10	15.82
GROUP 2.....	\$ 26.60	15.82
GROUP 3.....	\$ 26.01	15.82
GROUP 4.....	\$ 25.89	15.82

Laborers: (WRECKING - AREA A:)

GROUP 1.....	\$ 27.14	15.82
GROUP 2.....	\$ 26.99	15.82

Laborers: (WRECKING - AREA B:)

GROUP 1.....	\$ 26.14	15.82
GROUP 2.....	\$ 25.99	15.82

Landscape Laborer (GARDENERS,  
 HORTICULTURAL & LANDSCAPE  
 LABORERS - AREA A:)

(1) New Construction.....	\$ 26.89	15.82
(2) Establishment Warranty Period.....	\$ 20.58	15.82

Landscape Laborer (GARDENERS,

HORTICULTURAL & LANDSCAPE  
 LABORERS - AREA B:)

(1) New Construction.....	\$ 25.89	15.82
(2) Establishment Warranty Period.....	\$ 19.58	15.82

FOOTNOTES:

Laborers working off or with or from bos'n chairs, swinging scaffolds, belts shall receive \$0.25 per hour above the applicable wage rate. This shall not apply to workers entitled to receive the wage rate set forth in Group 1-a below.

LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work; Cast-in- place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and buckler; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter;

Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143 and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder; All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading and placing; High scalars (including drilling of same); Tree topper; Bit grinder

GROUP 1-b: Sewer cleaners shall receive \$4.00 per day above Group 1 wage rates. "Sewer cleaner" means any worker who handles or comes in contact with raw sewage in small diameter sewers. Those who work inside recently active, large diameter sewers, and all recently active sewer manholes shall receive \$5.00 per day above Group 1 wage rates.

GROUP 1-c: Burning and welding in connection with laborers' work; Synthetic thermoplastics and similar type welding

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive \$ .25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

GROUP 1-e: Work on and/or in bell hole footings and shafts thereof, and work on and in deep footings. (A deep footing is a hole 15 feet or more in depth.) In the event the depth of the footing is unknown at the commencement of

excavation, and the final depth exceeds 15 feet, the deep footing wage rate would apply to all employees for each and every day worked on or in the excavation of the footing from the date of inception.

GROUP 1-f: Wire winding machine in connection with guniting or shot crete

GROUP 1-g, CONTRA COSTA COUNTY: Pipelayer (including grade checking in connection with pipelaying); Caulker; Bander; Pipewrapper; Conduit layer; Plastic pipe layer; Pressure pipe tester; No joint pipe and stripping of same, including repair of voids; Precast manhole setters, cast in place manhole form setters

GROUP 2: Asphalt shoveler; Cement dumper and handling dry cement or gypsum; Choke-setter and rigger (clearing work); Concrete bucket dumper and chute; Concrete chipping and grinding; Concrete laborer (wet or dry); Driller tender, chuck tender, nipper; Guinea chaser (stake), grout crew; High pressure nozzle, adductor; Hydraulic monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh chipper and similar type brush shredders; Sloper; Single foot, hand-held, pneumatic tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1-f; Jacking of pipe - under 12 inches

GROUP 3: Construction laborers, including bridge and general laborer; Dump, load spotter; Flag person; Fire watcher; Fence erector; Guardrail erector; Gardener, horticultural and landscape laborer; Jetting; Limber, brush loader and piler; Pavement marker (button setter); Maintenance, repair track and road beds; Streetcar and railroad construction track laborer; Temporary air and water lines, Victaulic or similar; Tool room attendant (jobsite only)

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification "material cleaner" is to be utilized under the following conditions:

- A: at demolition site for the salvage of the material.
- B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.
- C: for the cleaning of salvage material at the jobsite or

temporary jobsite yard.

The material cleaner classification should not be used in the performance of "form stripping, cleaning and oiling and moving to the next point of erection".

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GUNITE LABORER CLASSIFICATIONS

- GROUP 1: Structural Nozzleman
- GROUP 2: Nozzleman, Gunman, Potman, Groundman
- GROUP 3: Reboundman
- GROUP 4: Gunite laborer

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WRECKING WORK LABORER CLASSIFICATIONS

- GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)
- GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

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LABO0067-010 07/01/2010

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1.....	\$ 33.35	16.08
GROUP 2.....	\$ 33.12	16.08
GROUP 3.....	\$ 32.87	16.08
GROUP 4.....	\$ 32.42	16.08
GROUP 5.....	\$ 31.88	16.08
Shotcrete Specialist.....	\$ 33.87	16.08

TUNNEL AND SHAFT CLASSIFICATIONS

- GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlelemen
- GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

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LABO0073-003 07/01/2011

CALAVERAS, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, STANISLAUS AND TUOLUMNE COUNTIES:

	Rates	Fringes
LABORER		
Mason Tender-Brick.....	\$ 30.62	14.43

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LABO0073-005 07/01/2009

CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS & TUOLUMNE

	Rates	Fringes
Plasterer tender.....	\$ 28.37	14.14

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LABO0166-001 07/01/2006

ALAMEDA AND CONTRA COSTA COUNTIES:

	Rates	Fringes
Brick Tender.....	\$ 25.91	14.65

FOOTNOTES: Work on jobs where heat-protective clothing is required: \$2.00 per hour additional. Work at grinders: \$.25 per hour additional. Manhole work: \$2.00 per day additional.

LABO0166-002 07/01/2006

ALAMEDA AND CONTRA COSTA COUNTIES:

	Rates	Fringes
Plasterer tender.....	\$ 30.15	15.90
Gun Man	\$0.75 per hour additional	

LABO0270-001 07/01/2008

SANTA CLARA & SANTA CRUZ COUNTIES

	Rates	Fringes
MASON TENDER, BRICK		
Santa Clara.....	\$ 27.93	13.48
Santa Cruz.....	\$ 26.93	13.48

FOOTNOTE: \$2.00 per hour for refractory work where heat-protective clothing is required.

LABO0270-005 07/01/2007

SANTA CLARA AND SANTA CRUZ COUNTIES

	Rates	Fringes
PLASTER TENDER		
4 Stories and under.....	\$ 27.62	13.73
5 Stories and above.....	\$ 29.54	13.73

LABO0294-001 07/01/2011

FRESNO, KINGS AND MADERA COUNTIES

	Rates	Fringes
LABORER (Brick)		
Mason Tender-Brick.....	\$ 30.62	14.43

LABO0297-001 08/01/2007

MONTEREY AND SAN BENITO COUNTIES

	Rates	Fringes
Plasterer tender.....	\$ 23.70	11.50

FOOTNOTE: Mixer person: \$4.00 per day additional.

PAIN0016-001 01/01/2013

ALAMEDA, CONTRA COSTA, MONTEREY, SAN BENITO, SAN MATEO, SANTA CLARA, AND SANTA CRUZ COUNTIES

	Rates	Fringes
Painters:.....	\$ 33.86	20.26

PREMIUMS:

EXOTIC MATERIALS - \$0.75 additional per hour.  
 SPRAY WORK: - \$0.50 additional per hour.  
 INDUSTRIAL PAINTING - \$0.25 additional per hour  
 [Work on industrial buildings used for the manufacture and processing of goods for sale or service; steel construction (bridges), stacks, towers, tanks, and similar structures]

HIGH WORK:  
 over 50 feet - \$2.00 per hour additional  
 100 to 180 feet - \$4.00 per hour additional  
 Over 180 feet - \$6.00 per hour additional

PAIN0016-003 01/01/2013

AREA 1: ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO & SANTA CLARA COUNTIES

AREA 2: CALAVERAS, MARIPOA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, STANISLAUS & TUOLUMNE COUNTIES

	Rates	Fringes
Drywall Finisher/Taper		
AREA 1.....	\$ 40.37	20.07

AREA 2.....\$ 36.24 18.67

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 PAIN0016-012 01/01/2013

ALAMEDA, CONTRA COSTA, MARIPOSA, MERCED, MONTEREY, SAN BENITO,  
 SAN FRANCISCO, SAN MATEO, SANTA CLARA AND SANTA CRUZ COUNTIES

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 44.87	17.98

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 PAIN0016-015 01/01/2013

CALAVERAS, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS & TUOLUMNE  
 COUNTIES

	Rates	Fringes
PAINTER		
Brush.....	\$ 29.06	15.98

FOOTNOTES:

SPRAY/SANDBLAST: \$0.50 additional per hour.

EXOTIC MATERIALS: \$1.00 additional per hour.

HIGH TIME: Over 50 ft above ground or water level \$2.00  
 additional per hour. 100 to 180 ft above ground or water  
 level \$4.00 additional per hour. Over 180 ft above ground  
 or water level \$6.00 additional per hour.

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 PAIN0016-022 01/01/2013

SAN FRANCISCO COUNTY

	Rates	Fringes
PAINTER.....	\$ 37.48	20.26

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 PAIN0169-001 01/01/2013

FRESNO, KINGS, MADERA, MARIPOSA AND MERCED COUNTIES:

	Rates	Fringes
GLAZIER.....	\$ 32.48	18.20

PAIN0169-005 01/01/2013

ALAMEDA CONTRA COSTA, MONTEREY, SAN BENITO, SAN FRANCISCO, SAN  
 MATEO, SANTA CLARA & SANTA CRUZ COUNTIES

	Rates	Fringes
GLAZIER.....	\$ 41.88	21.59

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 PAIN0294-004 01/01/2013

FRESNO, KINGS AND MADERA COUNTIES

	Rates	Fringes
PAINTER		
Brush, Roller.....	\$ 25.67	15.63
Drywall Finisher/Taper.....	\$ 30.47	16.81

FOOTNOTE:

Spray Painters & Paperhangers receive \$1.00 additional per  
 hour. Painters doing Drywall Patching receive \$1.25  
 additional per hour. Lead Abaters & Sandblasters receive  
 \$1.50 additional per hour. High Time - over 30 feet (does  
 not include work from a lift) \$0.75 per hour additional.

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 PAIN0294-005 01/01/2013

FRESNO, KINGS & MADERA

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 27.83	15.40

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 PAIN0767-001 01/01/2013

CALAVERAS, SAN JOAQUIN, STANISLAUS AND TUOLUMNE COUNTIES:

	Rates	Fringes
GLAZIER.....	\$ 32.24	19.88

PAID HOLIDAYS: New Year's Day, Martin Luther King, Jr. Day,  
 President's Day, Memorial Day, Independence Day, Labor Day,  
 Veteran's Day, Thanksgiving Day, and Christmas Day.

Employee required to wear a body harness shall receive \$1.50 per hour above the basic hourly rate at any elevation.

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 PAIN1176-001 07/01/2011

HIGHWAY IMPROVEMENT

Rates Fringes

Parking Lot Striping/Highway Marking:

GROUP 1.....	\$ 31.35	11.65
GROUP 2.....	\$ 26.65	11.65
GROUP 3.....	\$ 26.96	11.65

CLASSIFICATIONS

GROUP 1: Striper: Layout and application of painted traffic stripes and marking; hot thermo plastic; tape, traffic stripes and markings

GROUP 2: Gamecourt & Playground Installer

GROUP 3: Protective Coating, Pavement Sealing

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 PAIN1237-003 01/01/2013

CALAVERAS; SAN JOAQUIN COUNTIES; STANISLAUS AND TUOLUMNE COUNTIES:

Rates Fringes

SOFT FLOOR LAYER.....	\$ 28.25	16.73
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 PLAS0066-002 08/01/2011

ALAMEDA, CONTRA COSTA, SAN MATEO AND SAN FRANCISCO COUNTIES:

Rates Fringes

PLASTERER.....	\$ 33.13	24.64
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 PLAS0300-001 07/01/2009

Rates Fringes

PLASTERER

AREA 188: Fresno.....	\$ 29.72	14.21
AREA 224: San Benito, Santa Clara, Santa Cruz.....	\$ 34.22	14.08
AREA 295: Calaveras & San Joaquin Counties.....	\$ 32.82	15.10
AREA 337: Monterey County..	\$ 31.01	13.93
AREA 429: Mariposa, Merced, Stanislaus, Tuolumne Counties.....	\$ 32.82	15.30

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 PLAS0300-005 06/28/2010

Rates Fringes

CEMENT MASON/CONCRETE FINISHER..	\$ 28.65	18.56
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 PLUM0038-001 07/01/2012

SAN FRANCISCO COUNTY

Rates Fringes

PLUMBER (Plumber, Steamfitter, Refrigeration Fitter).....	\$ 60.00	39.94
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 PLUM0038-005 07/01/2012

SAN FRANCISCO COUNTY

Rates Fringes

Landscape/Irrigation Fitter (Underground/Utility Fitter).....	\$ 51.00	29.40
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 PLUM0062-001 01/01/2013

MONTEREY AND SANTA CRUZ COUNTIES

Rates Fringes

PLUMBER & STEAMFITTER.....	\$ 41.05	24.19
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 PLUM0159-001 07/01/2012

CONTRA COSTA COUNTY

	Rates	Fringes
Plumber and steamfitter		
(1) Refrigeration.....	\$ 49.33	29.24
(2) All other work.....	\$ 50.22	29.34

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 PLUM0246-001 01/01/2013

FRESNO, KINGS & MADERA COUNTIES

	Rates	Fringes
PLUMBER & STEAMFITTER.....	\$ 35.95	24.44

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 PLUM0246-004 01/01/2013

FRESNO, MERCED & SAN JOAQUIN COUNIES

	Rates	Fringes
PLUMBER (PIPE TRADESMAN).....	\$ 13.00	9.73

PIPE TRADESMAN SCOPE OF WORK:

Installation of corrugated metal piping for drainage, as well as installation of corrugated metal piping for culverts in connection with storm sewers and drains; Grouting, dry packing and diapering of joints, holes or chases including paving over joints, in piping; Temporary piping for dirt work for building site preparation; Operating jack hammers, pavement breakers, chipping guns, concrete saws and spades to cut holes, chases and channels for piping systems; Digging, grading, backfilling and ground preparation for all types of pipe to all points of the jobsite; Ground preparation including ground leveling, layout and planting of shrubbery, trees and ground cover, including watering, mowing, edging, pruning and fertilizing, the breaking of concrete, digging, backfilling and tamping for the preparation and completion of all work in connection with lawn sprinkler and landscaping; Loading, unloading and distributing materials at jobsite; Putting away materials in storage bins in jobsite secure storage area; Demolition of piping and fixtures for remodeling and additions; Setting up and tearing down work benches, ladders and job shacks; Clean-up and sweeping of jobsite; Pipe wrapping and waterproofing where tar or similar material is applied for protection of buried piping; Flagman

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 PLUM0342-001 07/04/2012

ALAMEDA & CONTRA COSTA COUNTIES

	Rates	Fringes
PIPEFITTER		
CONTRA COSTA COUNTY.....	\$ 52.46	32.54
PLUMBER, PIPEFITTER, STEAMFITTER		
ALAMEDA COUNTY.....	\$ 52.46	32.54

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 PLUM0355-004 07/01/2012

ALAMEDA, CALAVERAS, CONTRA COSTA, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, STANISLAUS, AND TUOLUMNE COUNTIES:

	Rates	Fringes
Underground Utility Worker /Landscape Fitter.....	\$ 28.35	8.00

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 PLUM0393-001 07/01/2012

SAN BENITO AND SANTA CLARA COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 55.91	28.08

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 PLUM0442-001 01/01/2013

CALAVERAS, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS & TUOLUMNE COUNTIES

	Rates	Fringes
PLUMBER & STEAMFITTER.....	\$ 36.45	24.29

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 PLUM0467-001 01/01/2013

SAN MATEO COUNTY

	Rates	Fringes
Plumber/Pipefitter/Steamfitter...	\$ 55.20	28.41

ROOF0027-002 09/01/2010

FRESNO, KINGS, AND MADERA COUNTIES

	Rates	Fringes
ROOFER.....	\$ 27.65	8.07

FOOTNOTE: Work with pitch, pitch base of pitch impregnated products or any material containing coal tar pitch, on any building old or new, where both asphalt and pitchers are used in the application of a built-up roof or tear off: \$2.00 per hour additional.

ROOF0040-002 08/01/2012

SAN FRANCISCO & SAN MATEO COUNTIES:

	Rates	Fringes
ROOFER.....	\$ 33.61	12.37

ROOF0081-001 08/01/2011

ALAMEDA AND CONTRA COSTA COUNTIES:

	Rates	Fringes
Roofer.....	\$ 33.16	10.90

ROOF0081-004 08/01/2012

CALAVERAS, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS AND TUOLUMNE COUNTIES:

	Rates	Fringes
ROOFER.....	\$ 29.99	11.82

ROOF0095-002 08/01/2012

MONTEREY, SAN BENITO, SANTA CLARA, AND SANTA CRUZ COUNTIES:

Rates Fringes

ROOFER

Journeyman.....	\$ 36.62	13.16
Kettle person (2 kettles); Bitumastic, Enameler, Coal Tar, Pitch and Mastic worker.....	\$ 38.62	13.16

SFCA0483-001 01/01/2013

ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO AND SANTA CLARA COUNTIES:

Rates Fringes

SPRINKLER FITTER (FIRE).....	\$ 52.16	24.87
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SFCA0669-011 01/01/2013

CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, STANISLAUS AND TUOLUMNE COUNTIES:

Rates Fringes

SPRINKLER FITTER.....	\$ 32.33	19.35
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SHEE0104-001 01/01/2012

AREA 1: ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO, SANTA CLARA

AREA 2: MONTEREY & SAN BENITO

AREA 3: SANTA CRUZ

Rates Fringes

SHEET METAL WORKER

AREA 1: Mechanical Contracts under \$200,000.....	\$ 44.47	31.25
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All Other Work.....	\$ 48.85	31.55
AREA 2.....	\$ 38.00	28.21
AREA 3.....	\$ 40.15	26.06

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 SHEE0104-003 07/01/2012

CALAVERAS AND SAN JOAQUIN COUNTIES:

	Rates	Fringes
SHEET METAL WORKER.....	\$ 34.75	25.35

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 SHEE0104-005 01/01/2013

MARIPOSA, MERCED, STANISLAUS AND TUOLUMNE COUNTIES:

	Rates	Fringes
SHEET METAL WORKER (Excluding metal deck and siding).....	\$ 35.11	27.92

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 SHEE0104-007 07/01/2012

FRESNO, KINGS, AND MADERA COUNTIES:

	Rates	Fringes
SHEET METAL WORKER.....	\$ 33.68	28.49

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 SHEE0104-015 07/01/2012

ALAMEDA, CONTRA COSTA, MONTEREY, SAN BENITO, SAN FRANCISCO, SAN MATEO, SANTA CLARA AND SANTA CRUZ COUNTIES:

	Rates	Fringes
SHEET METAL WORKER (Metal Decking and Siding only).....	\$ 33.11	29.98

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 SHEE0104-018 01/01/2013

CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS AND TUOLUMNE COUNTIES:

Rates	Fringes
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Sheet metal worker (Metal decking and siding only).....	\$ 35.11	27.92
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 TEAM0094-001 07/01/2012

Rates	Fringes
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Truck drivers:		
GROUP 1.....	\$ 27.13	22.49
GROUP 2.....	\$ 27.43	22.49
GROUP 3.....	\$ 27.73	22.49
GROUP 4.....	\$ 28.08	22.49
GROUP 5.....	\$ 28.43	22.49

FOOTNOTES:

Articulated dump truck; Bulk cement spreader (with or without auger); Dumpcrete truck; Skid truck (debris box); Dry pre-batch concrete mix trucks; Dumpster or similar type; Slurry truck: Use dump truck yardage rate. Heater planer; Asphalt burner; Scarifier burner; Industrial lift truck (mechanical tailgate); Utility and clean-up truck: Use appropriate rate for the power unit or the equipment utilized.

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Dump trucks, under 6 yds.; Single unit flat rack (2-axle unit); Nipper truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump machine; Fork lift and lift jitneys; Fuel and/or grease truck driver or fuel person; Snow buggy; Steam cleaning; Bus or personhaul driver; Escort or pilot car driver; Pickup truck; Teamster oiler/greaser and/or serviceperson; Hook tender (including loading and unloading); Team driver; Tool room attendant (refineries)

GROUP 2: Dump trucks, 6 yds. and under 8 yds.; Transit mixers, through 10 yds.; Water trucks, under 7,000 gals.; Jetting trucks, under 7,000 gals.; Single-unit flat rack (3-axle unit); Highbed heavy duty transport; Scissor truck; Rubber-tired muck car (not self-loaded); Rubber-tired truck jumbo; Winch truck and "A" frame drivers; Combination winch truck with hoist; Road oil truck or bootperson; Buggymobile; Ross, Hyster and similar straddle carriers;

Small rubber-tired tractor

GROUP 3: Dump trucks, 8 yds. and including 24 yds.; Transit mixers, over 10 yds.; Water trucks, 7,000 gals. and over; Jetting trucks, 7,000 gals. and over; Vacuum trucks under 7500 gals. Trucks towing tilt bed or flat bed pull trailers; Lowbed heavy duty transport; Heavy duty transport tiller person; Self-propelled street sweeper with self-contained refuse bin; Boom truck - hydro-lift or Swedish type extension or retracting crane; P.B. or similar type self-loading truck; Tire repairperson; Combination bootperson and road oiler; Dry distribution truck (A bootperson when employed on such equipment, shall receive the rate specified for the classification of road oil trucks or bootperson); Ammonia nitrate distributor, driver and mixer; Snow Go and/or plow

GROUP 4: Dump trucks, over 25 yds. and under 65 yds.; Water pulls - DW 10's, 20's, 21's and other similar equipment when pulling Aqua/pak or water tank trailers; Helicopter pilots (when transporting men and materials); Lowbed Heavy Duty Transport up to including 7 axles; DW10's, 20's, 21's and other similar Cat type, Terra Cobra, LeTourneau Pulls, Tournorocker, Euclid and similar type equipment when pulling fuel and/or grease tank trailers or other miscellaneous trailers; Vacuum Trucks 7500 gals and over and truck repairman

GROUP 5: Dump trucks, 65 yds. and over; Holland hauler; Low bed Heavy Duty Transport over 7 axles

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.  
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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).  
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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters, PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rates.

0000/9999: weighted union wage rates will be published annually each January.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union majority rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change

until a new survey is conducted.

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WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material,

etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION