

Agreement for Geotechnical and Geological Engineering Support Services

AGREEMENT FOR SERVICES # AGMT 06-1240

THIS AGREEMENT, made and entered into by and between the County of El Dorado, a political subdivision of the State of California (hereinafter referred to as "County"), and Kleinfelder, Inc., a corporation duly qualified to conduct business in the State of California, whose principal place of business is 5015 Shoreham Place, San Diego, California 92122 and whose local office address is 3077 Fite Circle, Sacramento, California 95827 (hereinafter referred to as "Consultant");

RECITALS

WHEREAS, County has determined that it is necessary to obtain a consultant to assist its Department of Transportation with professional geotechnical and geological engineering services, including materials testing and environmental geotechnics during the 2007-2008 construction seasons; and

WHEREAS, Consultant has represented to County that it is specially trained, experienced, expert, and competent to perform the special services required hereunder, and County has determined to rely upon such representations; and

WHEREAS, it is the intent of the parties hereto that such services be in conformity with all applicable federal, state and local laws and ordinances applicable to the work, including compliance with prevailing wage rates and their payment in accordance with California Labor Code, Section 1775; and

WHEREAS, County has determined that the provision of such services provided by Consultant are in the public's best interest, and authorized by El Dorado County Charter, Section 210(b)(6) and/or Government Code Section 31000;

NOW, THEREFORE, County and Consultant mutually agree as follows:

ARTICLE I

Scope of Services:

- A. Consultant shall perform all professional and technical services, work, and tasks required to accomplish the objectives set forth herein, for County's Department of Transportation (DOT), and shall provide and make available Consultant's own personnel, materials, subconsultants, vehicles, and equipment necessary to assist DOT with either complete materials quality control assurance testing support or geotechnical and geological engineering support services, including environmental geotechnics. Services shall be as outlined below and generally include, but shall not be limited to:

1. **General construction geotechnical and geological services, including but not limited to:**
 - Complete geotechnical observation, consultation, investigations and sampling, including final reports.
 - Highway structural section core sampling and design.
 - Fugitive and asbestos dust monitoring/mitigation and related summary reports, including air monitoring for naturally occurring asbestos in accordance to El Dorado County AQMD rules.
 - Groundwater investigations and monitoring.
 - Environmental geotechnics and geosynthetics sampling and testing, including site assessment analysis.
 - Specialized inspections for welding, concrete, asphalt and soils.
 - Geophysical methods such as ground penetrating radar, seismic refraction, etc.
 - Exploration of geological conditions, including slope stability analysis, subsurface exploration, core sampling and logging, geologic field mapping and report preparation.

2. **Provide complete materials quality control assurance testing on highway improvement construction projects, including but not limited to the following:**
 - Materials testing (ASTM and California Test Methods), including acceptance testing, independent assurance testing, split sampling and witness testing performed to the required frequencies.
 - Utilization of certified testers (when necessary) and calibrated equipment. Within Caltrans right of way testers shall be Caltrans certified and within County right of way testers shall be certified in accordance with DOT's Quality Assurance Program.
 - Complete reports, and summaries of testing and corroboration of test results.

3. **Provide materials testing technicians, field inspectors and geotechnical and environmental geotechnical services for a defined period of time or for a specific constructed item. Duties required may include but are not be limited to the following:**
 - Quality assurance material testing.
 - Specialized inspections such as: welding, concrete, soils, paving.
 - Geotechnical, geological or environmental engineering services.
 - Complete reports and summaries of testing.

4. **Work Schedule, Response and Reporting**
 - Consultant shall provide staff willing and able to work overtime, weekends, and nights as directed by DOT.

- Consultant shall fulfill a request from DOT for an investigation, observation or a materials test within twenty-four (24) hours of the request. Consultant shall fulfill a request for construction inspection within one (1) week of the request.
- Reports on services rendered by Consultant shall be submitted to DOT in accordance with the following format and conditions:
 - a) For geotechnical investigations or observations, the results of Consultant's findings shall be summarized in a report that shall be delivered to DOT within ten (10) working days of completion of the investigation and testing, unless special circumstances of urgency dictate that the report be submitted to DOT within a shorter time frame. Consultant will not be entitled to any premium compensation should DOT require a report on an urgency basis.
 - b) For construction observation and materials testing, reports shall be submitted to DOT on a daily basis for any time periods where the Consultant is performing work on DOT's behalf. Weekly summary reports and other supplemental reporting may be required, dependent upon specific assignments. At the conclusion of each project, Consultant shall prepare and provide a detailed final report, which shall include results of all testing and sampling provided for the project.

B. The specific services for each assignment shall be determined at a meeting or telephone conference between Consultant and County's Contract Administrator, or designee, to discuss the needs, applicable standards, required deliverables, specific Consultant staff, subconsultants (if required), and any necessary permits on a task-by-task basis. Following the meeting, Consultant shall provide the Contract Administrator with a written scope of work, a schedule including a list of tasks with milestone completion dates and a target completion date for the overall scope of work, and a not-to-exceed cost to complete the work (Task Order), which shall require written approval, authorization, and written notification to proceed from County's Contract Administrator, prior to commencement of the work. No payment will be made for any work performed prior to approval of the Task Order, and no payment will be made for amounts in excess of the not-to-exceed amount of the Task Order.

Consultant shall provide the Contract Administrator with the names and titles of Consultant's representatives that are authorized to bind Consultant by signing Task Orders and Task Order Amendments on Consultant's behalf. Consultant's notification of individuals authorized to execute Task Orders and Task Order Amendments on Consultant's behalf shall be communicated to County in accordance with the provisions of Article XVII, Notice to Parties, of this Agreement.

The period of performance for Task Orders shall be in accordance with dates specified in each Task Order. No payment will be made for any work performed before or after the period of performance in the Task Order, unless County's Contract Administrator and Consultant amend the Task Order. No Task Order will be written which extends beyond the expiration date of this Agreement, nor the cumulative total of the not-to-exceed Contract amount.

- C. County shall review Consultant's progress at key points as specified in each Task Order. Milestone reviews shall be performed for the specific products and deliverables listed in each Task Order. Milestones may only be changed by written agreement between County's Contract Administrator and Consultant's Project Manager.
- D. If a submittal is required to be an electronic file, Consultant shall produce the file in Microsoft Word 2003, Microsoft Excel 2003, and other engineering software used for analytical purposes. Newer versions of software may be used if approved by the County Contract Administrator or designee. Failure to submit the requested deliverables in the format required shall be grounds for termination of the Agreement, as provided in Article XVI.
- E. County shall provide a work order number and task code for each Task Order.
- F. Consultant's Project Manager shall be responsible for all matters related to Consultant's personnel, subconsultants, and operations, including, but not limited to:
1. Assigning qualified personnel to perform the required Task Order work and to prepare the deliverables required by the Task Orders.
 2. Reviewing, monitoring, training and directing Consultant's personnel and any subconsultants authorized herein.

All of the tasks included in this Article are the responsibility of Consultant, unless specifically described as a task or item of work to be provided by County. Consultant shall be responsible for the supervision, administration and work performed by any subconsultants for services rendered under this Agreement.

ARTICLE II

Term: This Agreement shall become effective when fully executed by both parties hereto and shall expire two (2) years thereafter.

ARTICLE III

Compensation for Services:

- A. For services provided herein, including all deliverables described in individual Task Orders, County agrees to pay Consultant within thirty (30) days following County receipt and approval of itemized invoices and progress reports detailing services rendered. For the purposes hereof, the billing rates shall be in accordance with Exhibit A, marked "Fee Schedule," incorporated herein and made by reference a part hereof. The hourly rates listed on Exhibit A, Fee Schedule are inclusive of vehicles (including mileage), cellular phones (including monthly charges), and computers. The total amount payable by County for an individual Task Order shall not exceed the amount agreed to in the Task Order, unless County's Contract Administrator and Consultant's Project Manager amend the Task Order.

The total amount of this Agreement, inclusive of all costs and Task Orders, and inclusive of all work of subconsultants and expenses shall not exceed \$500,000.00.

- B. Travel costs (i.e., overnight lodging, meals, parking, airfare, bridge tolls, etc.) will not be reimbursed for any services performed under this Agreement by Consultant or any authorized subconsultants.
- C. Itemized invoices shall follow the format specified by County and shall reference this Agreement number, the County-supplied work order number and Task Order number both on their faces and on any enclosures or back-up documentation. Consultant shall bill County for only one Task Order per invoice. Consultant shall attach a copy of each notification to proceed required under the provisions of Article I, Scope of Services, and copies of any progress reports required under the provisions of Article V, Progress Reports, that relate to the services being billed, as backup documentation to any invoices submitted for payment under the terms of this Agreement. Copies of documentation attached to invoices shall reflect Consultant's charges for the specific services billed on those invoices. Invoices shall be mailed to County at the following address:

County of El Dorado
Department of Transportation
2850 Fairlane Court
Placerville, California 95667
Attn: Administration Division – Accounts Payable

or to such other location as County directs.

- D. In the event that Consultant fails to deliver, in the format specified, the deliverables required in this Agreement, County at its sole option may delay the monthly payment for the period of time of the delay, cease all payments until such time as the required deliverables are received, or proceed as set forth in Article XVI.

ARTICLE IV

Standards for Work: Services rendered under this Agreement shall be performed in accordance with the guidelines set forth in the *Caltrans Construction Manual*, *Caltrans Independent Assurance Manual*, *Caltrans Local Assistance Procedures Manual*, the El Dorado County Department of Transportation's Quality Assurance Program, ASTM testing procedures, and all other applicable Caltrans, Federal Highway Administration (FHWA), federal, state and local laws, County guidelines and accepted industry standards, and shall be performed in a safe, professional, skillful and workmanlike manner.

ARTICLE V

Progress Reports: Upon issuance of a Task Order, Consultant shall submit progress reports to the Contract Administrator at intervals that are commensurate with the requirements of the tasks and the items of work being performed and based upon a mutually agreeable schedule. At a minimum, Consultant shall submit progress reports once a month. The reports shall be sufficiently detailed for the Contract Administrator, or designee, to determine if Consultant is performing to expectations and is on schedule, to provide communication of interim findings, and to afford occasions for airing difficulties or special circumstances encountered so that remedies can be developed. County's review

of these reports will ensure that Consultant's work meets a level of acceptability as determined by the Contract Administrator and Consultant shall be required to modify its work as necessary to meet that level of acceptability as defined by the Contract Administrator. Separate detail shall be provided for each ongoing Task Order. Progress reports shall include the total number of hours worked by Consultant and any authorized subconsultants and shall include descriptions of the tasks and work performed, including a description of any deliverables submitted during the reporting period and the anticipated tasks, work and deliverables proposed for the subsequent reporting period. Any invoices submitted by Consultant for payment under the terms of this Agreement shall include copies of the progress reports that relate to the services being billed on those invoices.

ARTICLE VI

Licenses: Consultant represents that it and any and all subconsultants employed under this Agreement are duly licensed in good standing by the State of California to perform the services contemplated under this Agreement, and that Consultant and all subconsultants shall maintain said licenses in good standing throughout the term of this Agreement.

ARTICLE VII

Ownership of Data: Upon completion or earlier termination of all services under this Agreement, ownership and title to all reports, documents, plans, maps, specifications, estimates, compilations and any and all other materials or data produced or obtained as part of this Agreement will automatically be vested in County without restriction or limitation on their use, and no further agreement will be necessary to transfer ownership to County. Copies may be made for Consultant's records, but shall not be furnished to others without written authorization from County's Contract Administrator. Such deliverables shall be deemed works made for hire and all rights in copyright therein shall be retained by County. Consultant shall furnish County all necessary copies of data, including data stored in electronic format, needed to complete the review and approval process of the services provided under this Agreement.

ARTICLE VIII

Consultant's Project Manager: Consultant designates Gayle Paddock, Regional Manager, Northern California as its Project Manager for this Agreement. Consultant's Project Manager, or County-approved designee, shall be accessible to County's Contract Administrator, or designee, during normal County working hours and shall respond within twenty-four (24) hours to County inquiries or requests. Consultant's Project Manager shall be responsible for all matters related to Consultant's personnel, operations and any subconsultants authorized under individual Task Orders issued including, but not limited to (1) assigning qualified personnel to perform the work and to prepare the deliverables required by the Task Orders; and (2) reviewing, monitoring, training and directing Consultant's personnel and any subconsultants authorized herein.

ARTICLE IX

Changes to Agreement: This Agreement may be amended by mutual consent of the parties hereto. Said amendments shall become effective only when in writing and fully executed by duly authorized officers of the parties hereto. There shall be no change in Consultant's Project Manager or subconsultants, which shall be established at the issuance of individual Task Orders, without prior written approval by County's Contract Administrator.

ARTICLE X

Consultant to County: It is understood that the services provided under this Agreement shall be prepared in and with cooperation from County and its staff. It is further agreed that in all matters pertaining to this Agreement, Consultant shall act as Consultant only to County and shall not act as Consultant to any other individual or entity affected by this Agreement nor provide information in any manner to any party outside of this Agreement that would conflict with Consultant's responsibilities to County during term hereof.

ARTICLE XI

Confidentiality:

- A. All financial, statistical, personal, technical or other data and information relative to County's operations, which are designated confidential by County and made available to Consultant in order to carry out services pursuant to this Agreement, shall be protected by Consultant from unauthorized use and disclosure.
- B. Permission to disclose information on one occasion, or at public hearings held by County relating to the Contract, shall not authorize Consultant to further disclose such information, or to disseminate the same on any other occasion.
- C. Consultant shall not comment publicly to the press or any other media regarding this Agreement or County's actions on the same, except to County's staff, Consultant's own personnel involved in the performance of this Contract, at public hearings or in response to questions from a legislative committee.
- D. Consultant shall not issue any news release or public relations item of any nature, whatsoever, regarding work performed or to be performed under this Contract without prior review of the contents thereof by County, and receipt of the Contract Administrator's written permission.

ARTICLE XII

Assignment and Delegation: Consultant is engaged by County for its unique qualifications and skills as well as those of its personnel. Consultant shall not subcontract, delegate, or assign services to be provided, in whole or in part, to any other person or entity without prior written consent of County. Notwithstanding this Article, Consultant is authorized to utilize any subconsultants authorized in individual Task Orders issued pursuant to this Agreement for the particular tasks, work and deliverables identified therein. At no time shall County be obligated to pay separately for subconsultant services. Consultant shall require each subconsultant, to the extent of the work to be performed by the subconsultant, to be bound to Consultant by the terms of this Agreement and to assume toward Consultant all the obligations and responsibilities that Consultant, by this Agreement, assumes toward County.

ARTICLE XIII

Independent Consultant/Liability: Consultant is, and shall be at all times, deemed independent and shall be wholly responsible for the manner in which it performs services required by terms of this Agreement. Consultant exclusively assumes responsibility for acts of its employees, associates, and subconsultants, if any are authorized herein, as they relate to services to be provided under this Agreement during the course and scope of their employment.

Consultant shall be responsible for performing the work under this Agreement in a safe, professional, skillful, and workmanlike manner and shall be liable for its own negligence and negligent acts of its employees and subconsultants. County shall have no right of control over the manner in which work is to be done and shall, therefore, not be charged with responsibility of preventing risk to Consultant or its employees or subconsultants.

ARTICLE XIV

Prevailing Wage: County requires Consultant's Services on public works project(s) involving local, State and/or Federal funds to which prevailing wage requirements may apply. As a consequence, Consultant shall comply with all applicable State and Federal prevailing wage rates, statutes, rules and regulations then in effect. In the event of conflict between applicable Federal and State provisions, the higher prevailing wage rate will apply. Consultant shall use the general prevailing wage rates determined by the Director of Industrial Relations for the county in which the work is to be done, which are available at the offices of the District Director of Transportation for the district in which the work is situated. Changes, if any, to the general prevailing wage rates will be available at the same location. The Federal minimum wage rates are determined by the United States Secretary of Labor and may be examined at the office described above. Future effective general prevailing wage rates which have been predetermined and are on file with the California Department of Industrial Relations are referenced but not printed in the general prevailing wage rates.

Contractor shall comply with all wage requirements, as set forth in Labor Code Sections 1770 et seq., 1773.2, 1775, 1776, 1810, & 1813. In accordance with the provisions of Labor Code Section 1810, eight (8) hours of labor shall constitute a legal day's work upon all work done hereunder, and Contractor and any subcontractor authorized under this Contract shall also conform to and be bound by the provisions of Labor Code Sections 1810 through 1815.

ARTICLE XV

Fiscal Considerations: The parties to this Agreement recognize and acknowledge that County is a political subdivision of the State of California. As such, County is subject to the provisions of Article XVI, Section 18 of the California Constitution and other similar fiscal and procurement laws and regulations and may not expend funds for products, equipment, or services not budgeted in a given year. It is further understood that in the normal course of County business, County will adopt a proposed budget prior to a given fiscal year, but that the final adoption of a budget does not occur until after the beginning of the fiscal year.

Notwithstanding any other provision of this Agreement to the contrary, County shall give notice of cancellation of this Agreement in the event of adoption of a proposed budget that does not provide for funds for the services, products, or equipment subject herein. Such notice shall become effective upon the adoption of a final budget, which does not provide funding for this Agreement. Upon the effective date of such notice, this Agreement shall be automatically terminated and County released from any further liability hereunder.

In addition to the above, should the Board of Supervisors during the course of a given year for financial reasons reduce or order a reduction in the budget for any County department for which services were contracted to be performed, pursuant to this paragraph in the sole discretion of County, this Agreement may be deemed to be canceled in its entirety subject to payment for services performed prior to cancellation.

ARTICLE XVI

Default, Termination, and Cancellation:

A. **Default:** Upon the occurrence of any default of the provisions of this Agreement, a party shall give written notice of said default to the party in default (notice). If the party in default does not cure the default within ten (10) days of the date of notice (Time to Cure), then such party shall be in default. The Time to Cure may be extended in the discretion of the party giving notice. Any extension of Time to Cure must be in writing, prepared by the party in default for signature by the party giving notice, and must specify the reason(s) for the extension and the date in which the extension of Time to Cure expires.

Notice given under this section shall specify the alleged default and the applicable Agreement provision and shall demand that the party in default perform the provisions of this Agreement within the applicable period of time. No such notice shall be deemed a termination of this Agreement unless the party giving notice so elects in this notice, or the party giving notice so elects in a subsequent written notice after the Time to Cure has expired.

B. **Bankruptcy:** This Agreement, at the option of County, shall be terminable in the case of bankruptcy, voluntary or involuntary, or insolvency of Consultant.

C. **Ceasing Performance:** County may terminate this Agreement in the event Consultant ceases to operate as a business, or otherwise becomes unable to substantially perform any term or condition of this Agreement.

D. **Termination or Cancellation without Cause:** County may terminate this Agreement in whole or in part upon seven (7) calendar days written notice by County for any reason. If such prior termination is effected, County will pay for satisfactory services rendered prior to the effective dates, as set forth in the Notice of Termination provided to Consultant, and for such other services which County may agree to in writing as necessary for contract resolution. In no event, however, shall County be obligated to pay more than the total amount of the contract. Upon receipt of a Notice of Termination, Consultant shall promptly discontinue all services affected, as of the effective date of termination set forth in such Notice of Termination, unless the Notice directs otherwise. In the event of termination for default, County reserves the right to take over and complete the work by contract or by any other means.

ARTICLE XVII

Notice to Parties: All notices to be given by the parties hereto shall be in writing and served by depositing same in the United States Post Office, postage prepaid and return receipt requested. Notices to County shall be in duplicate and addressed as follows:

To County:

County of El Dorado
Department Of Transportation
2850 Fairlane Court
Placerville, California 95667

Attn.: Robert S. Slater,
Deputy Director, Engineering

With a Copy to:

County of El Dorado
Department Of Transportation
2850 Fairlane Court
Placerville, California 95667

Attn: Tim C. Prudhel,
Contract Services Officer

or to such other location as County directs.

Notices to Consultant shall be addressed as follows:

Kleinfelder, Inc.
3077 Fite Circle
Sacramento, California 95827

Attn.: Mr. Gale Paddock,
Regional Manager, Northern California

or to such other location as Consultant directs.

ARTICLE XVIII

Indemnity: To the fullest extent allowed by law, Consultant shall defend, indemnify, and hold harmless the County and its officers, agents, employees and representatives from and against any and all claims, actions, losses, injuries, damages or expenses of every name, kind, and description, including litigation costs and reasonable attorney's fees incurred, brought for or on account of, injury to or death of any person, including but not limited to workers, County employees, and the public, or damage to property, which arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of Consultant, its officers, agents, employees, volunteers, representatives, contractors and subcontractors. This duty of Consultant includes the duty of defense, inclusive of that set forth in California Civil Code Section 2778. Each party shall notify the other party immediately in writing of any claim or damage related to activities performed under this Agreement. The parties shall cooperate with each other in the investigation and disposition of any claim arising out of the activities under this Agreement.

ARTICLE XIX

Insurance: Consultant shall provide proof of a policy of insurance satisfactory to County's Risk Management Division and documentation evidencing that Consultant maintains insurance that meets the following requirements:

- A. Full Workers' Compensation and Employers' Liability Insurance covering all employees of Consultant as required by law in the State of California.
- B. Commercial General Liability Insurance of not less than \$1,000,000 combined single limit per occurrence for bodily injury and property damage.
- C. Automobile Liability Insurance of not less than \$1,000,000 is required in the event motor vehicles are used by Consultant in performance of the Agreement.
- D. In the event Consultant is a licensed professional and is performing professional services under this Agreement, Professional Liability Insurance is required with a limit of liability of not less than \$1,000,000.
- E. Consultant shall furnish a certificate of insurance satisfactory to County's Risk Management Division as evidence that the insurance required above is being maintained.
- F. The insurance will be issued by an insurance company acceptable to County's Risk Management Division, or be provided through partial or total self-insurance likewise acceptable to the Risk Management Division.

- G.** Consultant agrees that the insurance required herein shall be in effect at all times during the term of this agreement. In the event said insurance coverage expires at any time or times during the term of this contract, Consultant shall immediately provide a new certificate of insurance as evidence of the required insurance coverage. In the event Consultant fails to keep in effect at all times insurance coverage as herein provided, County may, in addition to any other remedies it may have, terminate this contract upon the occurrence of such event. New certificates of insurance are subject to the approval of County's Risk Management Division, and Consultant agrees that no work or services shall be performed prior to the giving of such approval.
- H.** The certificate of insurance must include the following provisions stating that:
- 1.** The insurer will not cancel the insured's coverage without 30-day prior written notice to County; and
 - 2.** The County of El Dorado, its officers, officials, employees, and volunteers are included as additional insured, but only insofar as the operations under this Agreement are concerned. This provision shall apply to all general and excess liability insurance policies.
- I.** Consultant's insurance coverage shall be primary insurance as respects the County, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by County, its officers, officials, employees, or volunteers shall be in excess of Consultant's insurance and shall not contribute with it.
- J.** Any deductibles or self-insured retentions must be declared to, and approved, by County. At the option of County, either: The insurer shall reduce or eliminate such deductibles or self-insured retentions as respects County, its officers, officials, employees, and volunteers; or Consultant shall procure a bond guaranteeing payment of losses and related investigations, claim administration, and defense expenses.
- K.** Any failure to comply with the reporting provisions of the policies shall not affect coverage provided to the County, its officers, officials, employees, or volunteers.
- L.** The insurance companies shall have no recourse against the County of El Dorado, its officers and employees or any of them for payment of any premiums or assessments under any policy issued by any insurance company.
- M.** Consultant's obligations shall not be limited by the foregoing insurance requirements and shall survive the expiration of this Agreement.
- N.** In the event Consultant cannot provide an occurrence policy, Consultant shall provide insurance covering claims made as a result of performance of this Agreement for not less than three (3) years following completion of performance of this Agreement.
- O.** The certificate of insurance shall meet such additional standards as may be

determined by the contracting County department, either independently or in consultation with County's Risk Management Division as essential for protection of County.

In addition, Consultant shall ensure that all subconsultants maintain Workers' Compensation, general liability, auto liability and professional liability insurance as specified above and shall provide County with proof of same.

ARTICLE XX

Interest of Public Official: No official or employee of County who exercises any functions or responsibilities in review or approval of services to be provided by Consultant under this Agreement shall participate in or attempt to influence any decision relating to this Agreement which affects personal interest or interest of any corporation, partnership, or association in which he/she is directly or indirectly interested; nor shall any such official or employee of County have any interest, direct or indirect, in this Agreement or the proceeds thereof.

ARTICLE XXI

Interest of Consultant: Consultant covenants that Consultant presently has no personal interest or financial interest, and shall not acquire same in any manner or degree, in either: 1) any other contract connected with or directly affected by the services to be performed by this Agreement; or, 2) any other entities connected with or directly affected by the services to be performed by this Agreement. Consultant further covenants that in the performance of this Agreement no person having any such interest shall be employed by Consultant.

ARTICLE XXII

California Residency (Form 590): All independent Consultants providing services to County must file a State of California Form 590, certifying their California residency or, in the case of a corporation, certifying that they have a permanent place of business in California. Consultant will be required to submit a Form 590 prior to execution of this Agreement, or County shall withhold seven (7) percent of each payment made to Consultant during the term of this Agreement. This requirement applies to any agreement/contract exceeding \$1,500.

ARTICLE XXIII

Taxpayer Identification Number (Form W-9): All independent contractors or corporations providing services to County must file a Department of the Treasury Internal Revenue Service Form W-9, certifying their Taxpayer Identification Number.

ARTICLE XXIV

California Forum and Law: Any dispute resolution action arising out of this Agreement, including, but not limited to, litigation, mediation, or arbitration, shall be brought in El Dorado County, California, and shall be resolved in accordance with the laws of the State of California.

ARTICLE XXV

Year 2000 Compliance: Consultant agrees that all hardware and software developed, distributed, installed, programmed, or employed as a result of this order will comply with ISO 9000 date format to correctly manipulate and present date-sensitive data.

Upon delivery of product and thereafter, the date and date logic component shall effectively and efficiently operate using a four-digit year.

Upon written notification by County of any hardware or software failure to comply with ISO 9000 date format, Consultant will replace or correct the failing component with compliant hardware or software immediately, at no cost to County.

ARTICLE XXVI

Contract Administrator: The County Officer or employee with responsibility for administering this Agreement is Robert S. Slater, Deputy Director, Engineering, Department of Transportation, or successor.

ARTICLE XXVII

Authorized Signatures: The parties to this Agreement represent that the undersigned individuals executing this Agreement on their respective behalf are fully authorized to do so by law or other appropriate instrument and to bind upon said parties the obligations set forth herein.

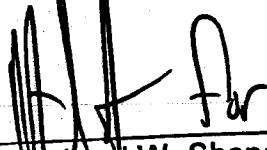
ARTICLE XXVIII

Partial Invalidity: If any provision of the Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions will continue in full force and effect without being impaired or invalidated in any way.

ARTICLE XXIX

Entire Agreement: This document and the documents referred to herein or exhibits hereto are the entire Agreement between the parties, and they incorporate or supersede all prior written or oral agreements or understandings.

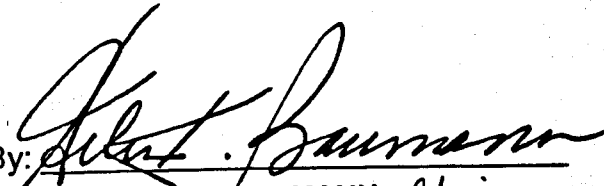
Requesting Department Concurrence:

By: 
Richard W. Shepard, P.E.
Director of Transportation

Dated: 1-24-07


IN WITNESS WHEREOF, the parties have executed this Agreement on the dates indicated below, the latest of which shall be deemed to be the effective date of this Agreement.

-- COUNTY OF EL DORADO --

By: 
HELEN K. BAUMANN, Chairman
Board of Supervisors
"County"

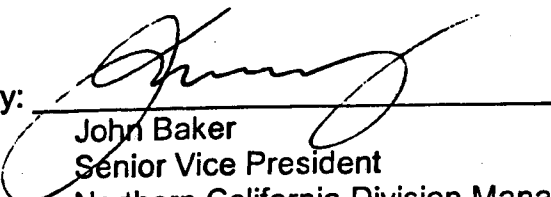
Dated: 3-13-07

Attest:
Cindy Keck
Clerk of the Board of Supervisors

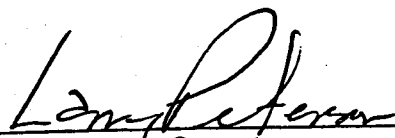
By: 
Deputy Clerk

Dated: 3-13-07

-- KLEINFELDER, INC. --

By: 
John Baker
Senior Vice President
Northern California Division Manager
"Consultant"

Dated: 2/2/07

By: 
Asst. Corporate Secretary

Dated: 2/8/07

**KLEINFELDER 2007/2008 FEE SCHEDULE FOR
ENVIRONMENTAL, CONSTRUCTION MANAGEMENT AND
GEOTECHNICAL/GEOLOGICAL/MATERIALS TESTING SERVICES**

EXHIBIT A

Kleinfelder is a consulting firm which provides services in geotechnical engineering, materials engineering and testing, engineering geology, hydrogeology, environmental engineering, geochemistry, industrial health and safety, mining engineering, water resources, construction management and agricultural engineering. Since 1961, the firm has provided consulting services to industries, governmental agencies, commercial firms, developers, and other design professionals.

OFFICES AND TESTING LABORATORIES

ARIZONA

1335 West Auto Drive
Tempe, AZ 85284
(480) 763-1200

6451 South Country Club Road, #131
Tucson, AZ 85706
(520) 628-7769

CALIFORNIA

1370 Valley Vista Drive, Suite 150
Diamond Bar, CA 91765
(909) 396-0335

780 Chadbourne Road, Suite D
Fairfield, CA 94534
(707) 429-4070

1410 F Street
Fresno, CA 93706
(559) 486-0750

8 Pasteur, Suite 190
Irvine, CA 92618
(949) 727-4466

620 West 16th Street, Unit F
Long Beach, CA 90813
(562) 432-1696

121 Heron Way, Suite D
Merced, CA 95340
(209) 384-7552

1224 6th Street
Modesto, CA 95354
(209) 577-4333

1970 Broadway, Suite 710
Oakland, CA 94612
(510) 628-9000

981 Garcia Avenue, Suite A
Pittsburg, CA 94565
(925) 427-6477

7133 Koll Center Parkway, Suite 100
Pleasanton, CA 94566
(925) 484-1700

1220 Research Drive, Suite B
Redlands, CA 92374
(909) 793-2691

3077 Fite Circle
Sacramento, CA 95827
(916) 366-1701

365 Victor Street, Suite L
Salinas, CA 93907
(831) 755-7900

5015 Shoreham Place (Corp. HQ)
San Diego, CA 92122
(858) 320-2000

2011 North Capitol Avenue
San Jose, CA 95132
(408) 586-7611

2240 Northpoint Parkway
Santa Rosa, CA 95407
(707) 571-1883

2825 East Myrtle Street
Stockton, CA 95205
(209) 948-1345

43174 Business Park Drive, Suite 103
Temecula, CA 92590
(951) 506-1488

CALIFORNIA (continued)

1534 Callens Road
Ventura, CA 93003
(805) 477-0485

18374 Readiness Street
Building 728, Suite 15
Victorville, CA 92394
(760) 530-0825

6430 Variel Avenue, Suite 103
Woodland Hills, CA 91367
(818) 226-6900

COLORADO

4815 List Drive, Unit #115
Colorado Springs, CO 80919
(719) 632-3593

611 Corporate Circle, Suite C
Golden, CO 80401
(303) 237-6601

10044 Granite Hill Drive
Parker, CO 80134
(303) 840-4571

3010 Granada Boulevard
Pueblo, CO 81005
(719) 546-1150

CONNECTICUT

99 Lamberton Road, Suite 201
Windsor, CT 06095
(860) 683-4200

IDAHO

2315 S. Cobalt Point Way
Meridian, ID 83642
(208) 893-9700

KANSAS

7802 Barton
Lenexa, KS 66214
(913) 962-0909

1601 S. W. 41st Street
Topeka, KS 66609
(785) 267-7131

MARYLAND

8350 Bristol Court, Suite 103
Jessup, MD 20794
(301) 362-7300

MASSACHUSETTS

30 Porter Road
Littleton, MA 01460
(978) 486-0060

MISSOURI

2812 Hunter Drive
Blue Springs, MO 64015
(816) 228-2555

NEBRASKA

9312 G Court
Omaha, NE 68127
(402) 331-2260

NEVADA

3140 Research Way, Suite 71
Carson City, NV 89706
(775) 884-3886

6380 South Polaris Avenue
Las Vegas, NV 89118
(702) 736-2936

4875 Longley Lane, Suite 100
Reno, NV 89502
(775) 689-7800

NEW JERSEY

1 AAA Drive, Suite 203
Hamilton, NJ 08691
(609) 584-5271

NEW MEXICO

8300 Jefferson NE, Suite B
Albuquerque, NM 87113
(505) 344-7373

NEW YORK

One Corporate Drive, Suite 201
Bohemia, NY 11716
(631) 218-0612

484 Temple Hill Road, Suite 100
New Windsor, NY 12553
(845) 561-9890

OKLAHOMA

10926 E. 55th Place
Tulsa, OK 74146
(918) 627-6161

OREGON

15050 S.W. Koll Parkway, Suite L
Beaverton, OR 97006
(503) 644-9447

62915 18th Street, Suite A
Bend, OR 97701
(541) 382-4707

PENNSYLVANIA

260 Executive Drive, Suite 500
Cranberry Township, PA 16066
(724) 772-7072

TEXAS

3601 Manor Road
Austin, TX 78723
(512) 926-6650

5002 Ambassador Row
Corpus Christi, TX 78416
(361) 854-4774

6850 Manhattan Boulevard, Suite 300
Fort Worth, TX 76120
(817) 429-6692

2211 Century Center Boulevard,
Suite 101
Irving, TX 75062
(972) 870-0808

4103 East Stan Schlueter Loop
Killeen, TX 76542
(254) 699-1126

8004 W. Highway 80
Midland, TX 79706
(432) 563-1100

2035 Central Circle, Suite 110
McKinney, TX 75069
(972) 542-4362

3570 Rocking J Road, Suite B
Round Rock, TX 78664
(512) 246-8919

2000 South 15th Street
Waco, TX 76706
(254) 754-0369

UTAH

1901 Prospector, Suite 30
Park City, UT 84060
(435) 649-2030

849 West Lavoy Drive, Suite 200
Taylorsville, UT 84123
(801) 261-3340

WASHINGTON

2405 140th Avenue NE, Suite A101
Bellevue, WA 98005
(425) 562-4200

15320 E. Marietta, Suite 2
Spokane, WA 99216
(509) 926-9994

BASIS OF CHARGES

1. Listed herein are typical prices for services most frequently performed by Kleinfelder. Prices for other services provided by the firm or other services not listed will be given upon request, as well as special quotations for programs involving volume work.
2. A two-hour minimum charge will be made for all field services. A four-hour minimum charge will be made for any field services in excess of two hours. A six-hour minimum charge will be made for field services in excess of four hours per day. An eight-hour minimum charge will be made for field services in excess of six hours per day. A one-hour minimum charge per day will be made for any office services.
3. Time worked in excess of 8 hours per day and weekend/holiday work will be charged at 1.5 times the hourly rate. Time worked in excess of 12 hours per day will be charged at 2 times the hourly rate.
4. Outside services and authorized subconsultants will include a 10% markup unless otherwise noted.
5. All non-environmental and uncontaminated samples may be disposed of at Kleinfelder's discretion 30 days after submission of final report, unless prior arrangements are made. All environmental samples may be returned to clients at Kleinfelder's discretion 30 days after submission of final report, unless prior arrangements are made.
6. Proper disposal or handling of soil boring cuttings, well development and purge waters, decontamination solutions, and other contaminated/potentially contaminated materials is the responsibility of the client. Kleinfelder can provide containers for onsite containment and can advise the client regarding proper handling procedures.

**KLEINFELDER 2007/2008 FEE SCHEDULE FOR
ENVIRONMENTAL, CONSTRUCTION MANAGEMENT AND
GEOTECHNICAL/GEOLOGICAL/MATERIALS TESTING SERVICES**

EXHIBIT A

PROFESSIONAL STAFF RATES*

Construction Inspector I	\$ 105 / hour
Construction Inspector II	\$ 116 / hour
Professional I	\$ 121 / hour
Professional II	\$ 133 / hour
Construction Engineer	\$ 144 / hour
Staff Professional I	\$ 144 / hour
Staff Professional II / Project Manager I	\$ 156 / hour
Construction Manager	\$ 156 / hour
Office Engineer	\$ 156 / hour
Assistant Resident Engineer	\$ 156 / hour
Resident Engineer	\$ 162 / hour
Senior Construction Manager	\$ 162 / hour
Project Professional / Project Manager II	\$ 167 / hour
Project Executive	\$ 190 / hour
Senior Professional / Senior Project Manager	\$ 190 / hour
CM Program Manager	\$ 202 / hour
Principal Professional	\$ 213 / hour
Program/Client Manager I	\$ 213 / hour
Program/Client Manager II	\$ 226 / hour
Senior Principal Professional	\$ 226 / hour
Senior Program/Client Manager	\$ 237 / hour

ADMINISTRATIVE/TECHNICAL STAFF RATES

Project Administrator	\$ 66 / hour
Materials Testing Inspector	\$ 75 / hour*
Construction Inspector	\$85-\$95/hour**
Construction Manager and Resident Engineer	\$95-130/hour**
Project Manager	\$ 135 / hour
Draftsperson.....	\$ 98 / hour
CADD Operator.....	\$ 116 / hour
Designer	\$ 128 / hour
Minimum Charges for Office Time Per Day	One Hour at Applicable Rate

* Prevailing wage rates will be \$90/hour should they apply to the job.

**The actual rate will depend on the particular staff person selected for the assignment.

Rates are inclusive of vehicles, including mileage, cellular phones (including monthly charges), and computers.

SAMPLING, TESTING AND EQUIPMENT CHARGES**COMPUTER SERVICES**

COLOR LASER PRINT/COPY (11X17)	\$2.75
COLOR LASER PRINT (8-1/2 X 11)	\$1.65
COMPUTER EQUIPMENT (HPC V500) (PER MONTH)	\$90.00
COMPUTER GEOTECHNICAL ANALYSIS	\$11.00
CUSTOM CD-ROM	\$17.00
GENDER CHANGER	\$11.90
GIS WORKSTATION BEYOND LABOR COSTS (PER DAY)	\$55.00
HOODS - PRINTER	\$12.45
IN-HOUSE CD	\$3.30
COMPUTER (LAPTOP) & SOFTWARE (PER MONTH)	\$227.00
LONG LINK - PRINTER ADAPTER	\$185.00
MICROCOMPUTER & SUPPORT. HDWR. (PER HOUR)	\$23.30
MISCELLANEOUS COMPUTER EQUIP.	\$119.00
MISC. CONNECTORS/FASTENERS	\$2.25
MODEM	\$190.00
NETWORK CARD	\$119.00
PERSONAL COMPUTER W/BASIC SOFTWARE (PER HOUR)	\$18.15
PDA FOR FIELD LOGGING (PER DAY)	\$55.00
PLOTS - 11 X 17	\$6.80
PLOTS - 24 X 36	\$17.00
PLOTS - 8 1/2 X 11	\$3.40
PLOTS - OVERSIZE	\$23.95
POWER STRIP	\$21.55
PARALLEL/SERIAL PRINTER CABLE	\$27.25
SEISMIC SITE CLASSIFICATION	\$1,650.00
SERIAL PORT	\$36.25
SURGE PROTECTOR	\$90.00
TELCO CABLE	\$4.55

DRILLING COSTS

45 UM WATER FILTERS	\$30.80
BECKER DIESEL HAMMER 200-500FT (PER FOOT)	\$41.90
CME-75 DRILL RIG (PER HOUR)	\$66.00
DIAMOND BIT CORING (NX SIZE)/PER FOOT	\$11.35
DIAMOND BIT CORING (PER HOUR)	\$226.00
DRILL RIG W/ OPER. & HELPER (PER HOUR)	\$124.00
DRILL RIG W/ OPERATOR (PER HOUR)	\$113.00
EN CORE SAMPLER	\$11.00
HAND CARRIED EQUIPMENT (PER HOUR)	\$59.00
HOLLOW STEM AUGER	\$18.15
INSTALLATION OF WELL(S)	\$24.20
J-PLUG, 2 INCH	\$23.65
J-PLUG, 4 INCH	\$29.45
WELL ABANDONMENT 2" (PER WELL)	\$715.00
WELL ABANDONMENT 4" (PER WELL)	\$935.00

SAMPLING, TESTING AND EQUIPMENT CHARGES

EQUIPMENT & SUPPLIES

1 X 1/2" THICK PIPE INSULATION	\$4.90
2" GROUND PUMP AND CONTROLLER (PER DAY)	\$124.00
2"X5' PVC BLANK	\$12.10
2"X5' PVC SCREEN	\$20.90
3" SUBMERSIBLE PUMP (PER DAY)	\$95.00
4" X 4" X 5' MONUMENT	\$132.00
55 GALLON DRUM	\$63.00
7' DIPSTICK FLUID SAMPLER	\$39.60
7" WELL MANHOLE COVER	\$49.85
8" DIAMETER WELL BOXES	\$88.00
ABATEMENT EQUIPMENT/SUPPLIES	\$594.00
ACOUSITC WATER LEVEL INDICATOR (PER DAY)	\$138.00
AEROTECH 6 SAMPLER (MOLD) / PER DAY	\$22.00
ELECTRIC AIR BLOWER WITH FLEX. 8" DUCT (PER DAY)	\$27.50
AIR FORCED OVEN (PER MONTH)	\$35.10
AIR-O-CELL AIR SAMPLING CASSETTE (MOLD)	\$10.55
ANCHOR BOLT TESTING DEVICE (PER DAY)	\$154.00
ANDERSON AIR SAMPLER (MOLD)/PER DAY	\$38.50
AQUISTAR DATALOGGER/4 TRANS (PER MONTH)	\$1,881.00
AQUISTAR DATALOGGER/4 TRANS (PER WEEK)	\$381.00
AQUISTAR DATALOGGER/4 TRANS (PER DAY)	\$60.00
BULK SAMPLING BAG (ASBESTOS)/10 BAGS	\$1.30
BULK SAMPLING CORES, BRASS (ASBESTOS)	\$1.30
ASPHALT SAMPLE BOXES	\$1.15
ASPHALT CONTENT/IGNITION OVEN (PER DAY)	\$71.50
BAILERS (PER DAY)	\$53.25
BATTERY POWERED PUMP (PER DAY)	\$95.00
GRANULATED BENTONITE 50# SACK2	\$60.00
BENTONITE HOLE PLUG	\$12.45
BENTONITE PELLETS 50# BUCKET 2	\$136.00
BINDER COMBS AND COVERS	\$3.30
BINDER SECTION TABS	\$1.10
BINDER, 0.5 INCH	\$2.65
BINDER, 1.5 INCH	\$4.35
BINDER, 2.5 INCH	\$7.25
BINDER, 4.0 INCH	\$19.15
BINDER, 5.0 INCH	\$39.60
RESIST METER/BISON MD. #2390 (PER DAY)	\$187.00
BIT 2" DIAMETER ASPHALT (PER INCH)	\$2.20
BIT 2" DIAMETER CONCRETE/MASONRY (PER INCH)	\$2.20
BIT 3" DIAMETER ASPHALT (PER INCH)	\$3.30
BIT 3" DIAMETER CONCRETE/MASONRY (PER INCH)	\$3.30
BIT 4" DIAMETER ASPHALT (PER INCH)	\$4.40
BIT 4" DIAMETER CONCRETE/MASONRY (PER INCH)	\$4.40



SAMPLING, TESTING AND EQUIPMENT CHARGES

BIT 6" DIAMETER ASPHALT (PER INCH)	\$6.60
BIT 6" DIAMETER CONCRETE/MASONRY (PER INCH)	\$6.60
BLAST/VIBRATION MONITOR/OPER. (PER HOUR)	\$95.00
2 X 6 BRASS TUBES	\$9.50
CALIBRATION GAS (PER DAY)	\$9.65
CALIPER CALIBRATION	\$66.00
CAMERA & FILM (PER MONTH)	\$79.00
CAMERA AND FILM (PER DAY)	\$36.30
CAMERA AND FILM (PER WEEK)	\$23.95
CARBON ABSORPTION TRAILER (PER DAY)	\$660.00
CASING PVC CAP 2"	\$18.15
CASING PVC PLUG 4"	\$29.45
CD BINDER SHEETS	\$1.70
CD CASES	\$0.15
CD LABELS	\$0.75
CELLULAR PHONE	\$1.15
CENTRIFUGAL WATER PUMP (PER DAY)	\$89.00
CLAR/BUNTON COMPASS (PER DAY)	\$60.00
CO2/O2 METER (PER DAY)	\$53.50
COLD PATCH ASPHALT (PER BAG)	\$11.35
COMBUSTIBLE GAS ANALYZER (PER DAY)	\$71.50
COMBUSTIBLE GAS ANALYZER (PER MONTH)	\$761.00
COMBUSTIBLE GAS ANALYZER (PER WEEK)	\$249.00
COMMERCIAL HAULER (PER MONTH)	\$714.00
COMPRESSION CALIBRATION	\$275.00
COMPRESSION MACHINE (FORNEY) /PER MONTH	\$167.00
CONCRETE FIELD EQUIPMENT (PER DAY)	\$6.80
CONCRETE BAGS - 50 LBS	\$7.15
CONCRETE CORE BARREL	\$170.00
CONDUCT BASED WATER LEVEL INDICATOR (PER DAY)	\$60.00
CONDUCTIVITY/PH/TEMP MONITOR (PER WEEK)	\$110.00
CONDUCTIVITY/PH/TEMP MONITOR (PER DAY)	\$60.00
CORING MACHINE WITH GENERATOR (PER DAY)	\$167.00
CRACK MONITOR	\$22.00
CYLINDER MOLDS	\$3.00
DIAL GAUGE CALIBRATION	\$49.50
DIGITAL CAMERA (PER DAY)	\$27.25
DIPSTICK 2272 FLOOR PROFILOGRAPH / DAY	\$197.00
DIPSTICK 2272 FLOOR PROFILOGRAPH / WEEK	\$880.00
DISSOLVED OXYGEN METER (PER DAY)	\$59.00
DISSOLVED OXYGEN METER (PER WEEK)	\$220.00
DISPOSABLE BAILERS	\$18.15
DISTILLED WATER (PER GALLON)	\$3.00
FIELD RHEOMETER AND MUD TESTING KIT / DAY	\$110.00
DUAL PHASE EXTRACTION SYSTEM (PER MONTH)	\$1,744.00
DUAL PHASE EXTRACTION TRAILER (PER DAY)	\$341.00

SAMPLING, TESTING AND EQUIPMENT CHARGES

DYNAMIC CONE PENETROMETER (PER DAY)	\$238.00
DYNAMIC CONE PENETROMETER (PER HOUR)	\$29.50
FERROSCAN (OPERATOR & EQUIP.) /PER HOUR	\$136.00
FERROSCAN EQUIPMENT (PER DAY)	\$275.00
FIELD LAB (PER WEEK)	\$499.00
FIELD SUPPLIES (PER MAN/DAY)	\$11.90
FILM & PROCESSING	\$5.50
FILTERS	\$18.15
FLOOR FLATNESS TESTING, PER SQ FT	\$0.10
FLOOR FLATNESS TESTING DEVICE (PER DAY)	\$108.00
FLOOR PRO (PER DAY)	\$77.00
GLOBAL WATER GL 400, PER DAY	\$132.00
GLOBAL WATER GL 400, PER MONTH	\$2,640.00
GLOBAL WATER GL 400, PER WEEK	\$660.00
FREE PRODUCT RECOVERY PUMP (PER MONTH)	\$825.00
FYRITE O2 INDICATOR (PER DAY)	\$18.15
FYRITE O2 INDICATOR (PER WEEK)	\$41.80
GAUGE, DRY, 0-60 PSI	\$10.60
GAUGE, LIQUID FILLED, 0"-30" HG VACUUM	\$34.20
GEOKON GK403 READOUT (PER DAY)	\$33.00
GPS (PER DAY)	\$119.00
GPS (PER WEEK)	\$539.00
GRAVEL (PER BAG)	\$10.20
GROUND WATER DEPRESSION PUMP (PER MONTH)	\$1,133.00
GROUND WATER SAMPLING TRAILER (PER DAY)	\$635.00
GROUNDWATER SAMP TRUCK/TRAILER (PER HOUR)	\$89.00
HAND AUGER AND SOIL SAMPLER (PER DAY)	\$77.00
AIR FLOW METER BY TSE (PER DAY)	\$55.00
HDPE SAMPLE VALVE, 1" DIAMETER	\$26.15
HDPE SAMPLE VALVE, 5/8" DIAMETER	\$19.90
HDPE TUBING, 1" DIA/LF	\$0.60
HDPE TUBING, 5/8" DIA/LF	\$0.30
HERMIT 2000 DATA LOGGER (PER DAY)	\$619.00
HI-VOLUME AIR SAMPLER (PER DAY)	\$89.00
HNU (PER DAY)	\$161.00
IGNITION FURNACE CALIBRATION	\$110.00
INDEX MAKER TABS (5-TAB SET)	\$1.00
INDEX MAKER TABS (8-TAB SET)	\$1.10
INSTRUMENT TOOL BOX (PER MONTH)	\$29.45
INTERFACE PROBE	\$71.50
KNEADING COMPACTOR CALIBRATION	\$275.00
LANDFILL GAS FLARE (PER WEEK)	\$1,155.00
LANTEC GA-90 GAS ANALYZER (PER DAY)	\$190.00
LANTEC GEM2000 (PER DAY)	\$190.00
LASER RANGEFINDER SURVEY EQUIPMENT	\$66.00
LEAD PAINT ANALYZER (PER DAY)	\$110.00



SAMPLING, TESTING AND EQUIPMENT CHARGES

LEL/O2/H2S/CO MONITOR (PER WEEK)	\$500.00
LEL/O2/H2S/CO MONITOR (PER DAY)	\$155.00
LEVEL & ROD (PER DAY)	\$101.00
AUTOMATIC LEVEL, TRIPOD & ROD (PER MONTH)	\$204.00
LEVEL OR TRANSIT AND ROD (PER DAY)	\$108.00
LINE/CABLE LOCATER (PER DAY)	\$116.00
LOCKING STEEL WELL COVER	\$108.00
LOCKS	\$8.35
LYSIMETER SAMPLING EQUIPMENT (PER DAY)	\$44.00
MAGNEHELIC GAUGE (PER MONTH)	\$155.00
MAGNEHELIC GAUGE (PER WEEK)	\$53.25
MAGNET/PORT PROTON-GEO MD 6816 (PER DAY)	\$215.00
MANOMETER GAUGE (PER DAY)	\$110.00
MASON JARS (PER CASE)	\$24.00
MEASURING WHEEL (PER DAY)	\$18.15
RESIST METER/ MEGGER EARTH TEST (PER DAY)	\$119.00
METAL DETECTOR	\$18.15
WEATHER MONITORING EQUIP & TRIPOD (PER DAY)	\$110.00
MICRON SPARGE POINTS (PER DAY)	\$71.50
MISCELLANEOUS EQUIPMENT (PER DAY)	\$17.05
MISC. SUPPLIES/EXPENDABLES (PER MONTH)	\$124.00
MOBE/DEMOBE SAMPLING TRUCK (PER HOUR)	\$18.15
MOISTURE TRANSMISSION TEST/FLOOR/SLAB RMA	\$60.00
SPEEDY MOISTURE METER CALIBRATION	\$110.00
MOLD CULTURE PLATES (MEA, ETC.)	\$4.00
MATERIALS TESTING TRAILER (PER MONTH)	\$754.00
MULTI RAE PGM-50 W/ PID & LOG	\$209.00
NUCLEAR MOISTURE/DENSITY GAUGE (PER DAY)	\$66.00
NITROGEN REGULATOR (PER DAY)	\$10.80
METROSONICS 3080 NOISE MONITOR (PER DAY)	\$66.00
NUCLEAR GAUGE - W/O VEHICLE (PER DAY)	\$53.25
NUCLEAR DENSOMETER (PER MONTH)	\$748.00
NUCLEAR GAUGE (DENSOMETER), PER TEST	\$4.40
NUCLEAR DENSITY GAUGE, PER HR	\$5.50
NUCLEAR GAUGE (PER WEEK)	\$238.00
OIL CANS	\$2.30
OIL/WATER INTERFACE PROBE (PER DAY)	\$166.00
ORGANIC VAPOR ANA STR CH REC (PER DAY)	\$250.00
ORG. VAPOR ANALYZER/PHOTOION DETECTOR (PER DAY)	\$220.00
ORG. VAPOR ANALYZER/PHOTOION DETECTOR (PER MO)	\$2,323.00
ORG. VAPOR ANALYZER/PHOTOION DETECTOR (PER WEEK)	\$668.00
ORGANIC VAPOR CARTRIDGES (PER SET)	\$18.15
OSHNA/NIOSH AIR SAMPLING (PER DAY)	\$16.50
OVEN CALIBRATION (SINGLE PT.)	\$55.00
PACHOMETER (PER TEST)	\$12.45
PADLOCKS	\$18.15

SAMPLING, TESTING AND EQUIPMENT CHARGES

PARAGON 500 CFM VES (PER MONTH)	\$3,570.00
PERCOLATION TEST PIPE (PER FOOT)	\$2.30
PERISTALTIC PUMP (PER DAY)	\$89.00
PERISTALTIC PUMP (PER MONTH)	\$714.00
PUMP FOR OSHNA/NIOSH AIR SAMPLING (PER DAY)	\$33.00
PH METER (PER DAY)	\$29.45
PHOTO IONIZATION DETECTOR (PER DAY)	\$190.00
OUTDOOR PIPING HEAT TRACE, ELECTRICAL	\$3.90
PNEUMATIC PIEZOMETER INDICATOR (PER DAY)	\$204.00
POINT LOAD TESTER APPARATUS 77-0110 (PER DAY)	\$83.00
POLYFILM/VISQUEEN (PER ROLL)	\$89.00
POLYPROPYLENE ROPE (PER FOOT)	\$0.10
PORTABLE GENERATOR (> 4KW) (PER DAY)	\$136.00
PORTABLE GENERATOR (1.5 TO 4KW) (PER DAY)	\$108.00
PORTABLE GENERATOR (PER DAY)	\$47.60
PORTABLE RADIO (PER HOUR)	\$1.15
PORTABLE AIR COMPRESSOR (PER DAY)	\$29.45
PORTLAND CEMENT 94# SACK (PER BAG)	\$9.10
PRESSURE METER (PER DAY)	\$550.00
PRESSURE METER CALIBRATION	\$83.00
PROBE DRIVING TIP	\$41.90
PROVING RING CALIBRATION	\$138.00
PURGE PUMP (PER DAY)	\$36.30
QED FILTERS	\$23.95
R METER/PACHOMETER (PER DAY)	\$77.00
RECORDING THERMOMETER CALIBRATION	\$22.00
REDIMIX CONCRETE	\$5.70
REDOX (ORP) METER (PER DAY)	\$23.10
REMEDICATION EQUIPMENT RENTAL (PER DAY)	\$119.00
REMEDICATION EQUIPMENT RENTAL (PER WEEK)	\$833.00
REPORT BINDER - 3 RING - 1"	\$8.55
REPORT BINDER - 3 RING - 2"	\$18.15
REPORT BINDER - 3 RING - 3"	\$18.15
RESPIRATOR CARTRIDGES (PER PAIR)	\$12.10
RITE IN THE RAIN FIELD BOOK	\$3.65
RITE IN THE RAIN PAPER (5 SHEETS)	\$0.60
RITE IN THE RAIN PEN	\$7.45
ROLLER METER (PER MONTH)	\$23.90
SAMPLE PACKING ICE (SET OF 3 BAGS)	\$3.40
SAMPLE PRESSURE VESSEL	\$9.35
SAMPLING KIT (PER DAY)	\$18.15
SAND 100# BAG	\$36.30
SCALE (HP-20K) /PER MONTH	\$110.00
SCALE CALIBRATION	\$55.00
SCHMIDT HAMMER (PER DAY)	\$77.00
SEALED DOUBLE RING INFILTROMETER	\$27.50

SAMPLING, TESTING AND EQUIPMENT CHARGES

SECURITY TOPS	\$274.00
SEISMO/12 CH NIMBUS ES-1210F (PER DAY)	\$561.00
SHELBY TUBE	\$12.10
SIEVE SHAKER (PER MONTH)	\$66.00
SKIDMORE WILHELM BOLT TENSION CALIBRATION (PER DAY)	\$47.60
SKIDMORE CALIBRATION	\$138.00
SLC SVE AIRSPARGE SYSTEM (PER MONTH)	\$595.00
SLOPE INCLINOMETER (PER DAY)	\$124.00
SLOPE INDICATOR (4 HR. MIN.)	\$53.25
SOIL BEARING VERIFICATION	\$165.00
SOIL FIELD CLASSIFICATION CHART	\$23.65
SOIL SAMPLE BAGS	\$1.15
SOIL VAPOR PROBE EQUIPMENT (PER DAY)	\$442.00
SOILCORE DISCRETE SAMPLER	\$13.15
SPILL KIT (PER DAY)	\$11.00
SPILL KIT (PER MONTH)	\$66.00
SPILL KIT (PER WEEK)	\$33.00
STEAMCLEANER (PER DAY)	\$88.00
STEREOSCOPE (PER DAY)	\$36.25
SUCTION HOSE (PER FT)	\$1.65
SUCTION PUMP (PER DAY)	\$47.58
SUMMA MANIFOLD (PER DAY)	\$16.50
SURFACE SOIL SAMPLING EQUIP. (PER DAY)	\$124.00
SV/AS REMEDIATION EQUIP TRAILR (PER MONTH)	\$781.00
SV/A-S REMEDIATION EQUIP. SKID (PER MONTH)	\$2,974.00
SWAGELOK QUICK CONNECT	\$71.50
TEDLAR BAG	\$16.50
TEM, PCM AIR SAMPLING CASSETTE (ASBESTOS)	\$1.30
TEST TRAILER (PER DAY)	\$453.00
TEST TRAILER (PER WEEK)	\$1,643.00
THERMAL OXIDIZER - 100 CFM (PER MONTH)	\$1,190.00
THERMAL OXIDIZER - 300 CFM (PER MONTH)	\$1,428.00
THERMOMETER CALIBRATION	\$16.50
THIN LIFT ASPHALT GAUGE (PER DAY)	\$84.00
TORQUE WRENCH (PER DAY)	\$47.60
TRAFFIC SAFETY SIGNS (PER DAY)	\$22.70
TRAILER -MOUNTED FOR SUB PUMP/REEL ASSMBLY (PER DAY)	\$428.00
TURBIDITY METER (PER DAY)	\$66.00
TYVEK SUITS	\$18.15
ULTRASONIC TESTING EQUIPMENT (PER DAY)	\$53.25
ULTRASONIC TESTING EQUIPMENT (PER MONTH)	\$300.00
VACUUM PUMP (PER DAY)	\$36.30
AIR VELOCITY METER (PER DAY)	\$44.00
VERIFY CALIBRATION	\$83.00
VIDEO CAMERA (PER DAY)	\$84.00
WALKIE TALKIE SET (PER DAY)	\$29.45

SAMPLING, TESTING AND EQUIPMENT CHARGES

WATER LEVEL METER	\$16.50
WATER QUAL METER PH, EC, T, DO, TR (PER DAY)	\$108.00
WATER STORAGE TANK - 500 GAL (PER DAY)	\$9.65
WATERBATH CALIBRATION	\$55.00
WATERRA PUMP (GAS) / PER DAY	\$220.00
WELL DEVELOPMENT TOOL (PER DAY)	\$71.50
WELL PURGE TUBING (PER FOOT)	\$0.65
WIND SPEED DIRECTION INDICATOR (PER WEEK)	\$465.00
WINDSOR PROBE (PER SHOT)	\$23.95
WATER LEVEL PRESSURE TRANSDUCER (PER DAY)	\$33.00
WATER LEVEL PRESSURE TRANSDUCER (PER MO)	\$880.00
WATER LEVEL PRESSURE TRANSDUCER (PER WK)	\$220.00

IN-HOUSE TESTING SERVICES

COMP TEST 10X8X16 PRISMS OR SM	\$110.00
12X12X24 MASONRY PRISM	\$154.00
12X16X16 PRISMS, COMPRESSION TEST	\$165.00
COMP TEST 12X8X16 PRISMS OR SM	\$121.00
505 TENSILE TEST	\$88.00
6" DIAM CH FIX WALL PERM 1 PT	\$311.00
COMP TEST 8X8X16 PRISMS OR SM	\$99.00
MODIFIED 4" AASHTO T-180 A,C	\$190.00
MODIFIED 6" AASHTO T-180 B,D	\$215.00
CHECK POINT - AASHTO T272	\$33.00
AASHTO T303, SHORT TERM REACTIVITY (1-2 SMPLS)	\$1,045.00
AASHTO T303, SHORT TERM REACTIVITY (3-5 SMPLS)	\$935.00
AASHTO T303, SHORT TERM REACTIVITY (6-9 SMPLS)	\$825.00
STANDARD 4" AASHTO T-99 A,C	\$179.00
STANDARD 6" AASHTO T-99 B,D	\$190.00
ABSON METHOD-ASPHALT RECOVERY	\$334.00
ABSORPTION, ROOF TILE UBC 3212	\$71.50
ACID SOLUBILITY	\$66.00
AGGREGATE BASE MIX DESIGN REVIEW	\$209.00
AIR VOIDS DETERMINATION CTM367	\$51.00
ASPHALT MIX DESIGN REVIEW	\$210.00
MICROWAVE ASPHALT MOIST CONTNT	\$23.95
ASTM 1260, SHORT TERM REACTIVITY (1-2 SMPLS)	\$1,045.00
ASTM 1260, SHORT TERM REACTIVITY (3-5 SMPLS)	\$935.00
ASTM 1260, SHORT TERM REACTIVITY (6-9 SMPLS)	\$825.00
ASTM C114, RAPID CHLORIDE (10+ SMPLS)	\$220.00
ASTM C114, RAPID CHLORIDE TEST	\$385.00
ASTM 1202/CHLORIDE PERM (1-2 SMPLS)	\$385.00
ASTM 1202/CHLORIDE PERM (3+ SMPLS)	\$330.00
ASTM C1293 LENGTH CHANGE ASR (1-2 SMPLS)	\$2,090.00
ASTM C1293 LENGTH CHANGE ASR (3-5 SMPLS)	\$1,870.00
ASTM C1293 LENGTH CHANGE ASR (6-9 SMPLS)	\$1,650.00

SAMPLING, TESTING AND EQUIPMENT CHARGES

ASTM C1324 EXAM & CHEMICAL, MASONRY	\$2,090.00
ASTM C227, LONG TERM REACTIVITY (1-2 SMPLS)	\$2,090.00
ASTM C227, LONG TERM REACTIVITY (3-5 SMPLS)	\$1,870.00
ASTM C227, LONG TERM REACTIVITY (6-9 SMPLS)	\$1,650.00
ASTM C295 - GRAVEL/CRUSHED	\$2,200.00
ASTM C403 TIME OF SETTING 6 HRS	\$476.00
ASTM C457, AIR-VOID SYSTEM (10+ SMPLS)	\$550.00
ASTM C457, AIR-VOID SYSTEM (1-2 SMPLS)	\$660.00
ASTM C457, AIR-VOID SYSTEM (2-4 SMPLS)	\$605.00
ASTM C457, AIR-VOID SYSTEM (5-9 SMPLS)	\$578.00
ASTM C641 - AGG STAINING, CHEMICAL	\$330.00
ASTM C641 - AGG STAINING, VISUAL	\$220.00
ASTM C642/DENS, ABSORP, VOIDS IN CONC (1-2 SMPLS)	\$143.00
ASTM C642/DENS, ABSORP, VOIDS IN CONC (3-5 SMPLS)	\$132.00
ASTM C642/DENS, ABSORP, VOIDS IN CONC (6-9 SMPLS)	\$121.00
ASTM C856 (1-2 SAMPLES)	\$1,045.00
ASTM C856/RUSH (1-2 SAMPLES)	\$1,650.00
ASTM C856 (3-5 SAMPLES)	\$990.00
ASTM C856/RUSH (3-5 SAMPLES)	\$1,540.00
ASTM C856 (6-9 SAMPLES)	\$935.00
ASTM C856/RUSH (6-9 SAMPLES)	\$1,430.00
ASTM C856, 10+ SAMPLES	\$550.00
ADDITIONAL FRACTIONS (ASTMC88)	\$29.50
ASTM C977 PH, LIME TREATED SOIL	\$132.00
ASTM D-1557 METHOD A	\$198.00
ASTM D-1557 METHOD B,C AND D	\$215.00
ASTM D-4867/TSR	\$1,246.00
ASTM D4992, EVALUATION OF ROCK (1-2 SMPLS)	\$880.00
ASTM D4992, EVALUATION OF ROCK (3-5 SMPLS)	\$770.00
ASTM D4992, EVALUATION OF ROCK (6-9 SMPLS)	\$660.00
AC RECOV, ROTOVAPOR/ASTM D5404	\$363.00
COHESION/ADHESION (ASTM E736)	\$65.00
ASTM 1202, AASHTO T277 (4X8)	\$495.00
ASTM 1202, AASHTO TT277 (OTHER SIZES)	\$715.00
BEND ONLY	\$38.50
BORING LOGS (GINT) AND REPORT REVIEW	\$516.00
BOUYUCOS HYDROMETER	\$47.60
BREAKING LOAD, ROOF UBC3212	\$44.00
BRICK FLEXURAL STRENGTH, MODULUS OF RUPTURE, SET OF 5	\$71.50
MORTAR STRENGTH, C-109	\$26.40
LIGHTWEIGHT PIECES/AGGRE C123	\$330.00
ABSORPTION, GRAVEL C-127	\$60.00
SPECIFIC GRAVITY C127/8 D-854	\$94.00
ABSORPTION, SAND C-128	\$99.00
COMP TEST, MASONRY UNITS C140	\$60.00
CLAY LUMPS/FRIABLE PART C-142	\$110.00

SAMPLING, TESTING AND EQUIPMENT CHARGES

SPECIFIC GRAVITY C-188	\$84.00
SAND EQUIVALENT C217 (AVG. OF 2)	\$84.00
SAND EQUIVALENT C217 (AVG. OF 3)	\$105.00
POTENTIAL REACTIVITY TEST C-28	\$165.00
UNIT WEIGHT C-29	\$66.00
C29 UNIT WEIGHT (AVERAGE OF 3)	\$71.50
INJURIOUS ORGANIC MATTER C-40	\$60.00
FINENESS(325 SIZE) C-430	\$84.00
C469 MODULUS ELASTICITY 6X12 CONC CYL	\$238.00
AB TEST/BRICK/5HR. COEF C-67	\$110.00
COMPRESSION STRENGTH/BRICK C67	\$60.00
MORTAR MAKING PROP OF SAND C87	\$550.00
GROUT STRENGTH, C-942	\$26.40
CRUSHED PART/SIEVE SAMP/CAL205	\$110.00
REL. MORTAR STRENGTH, CAL 515 (PER SET)	\$550.00
RESISTIVITY/SOIL CAL532, 643	\$160.00
CALIFORNIA IMPACT CAL-216 WET	\$171.00
CALIF. IMPACT CAL216F - DRY	\$215.00
CAL216-F MOISTURE DENSITY ANALYSIS	\$185.00
CLEANNESS TEST (REFEREE)CAL227	\$149.00
CENTRIFUGE KERO EQUIV CAL303	\$237.00
HVEEM MAX DENSITY CAL-304 (SET)	\$275.00
MOIST VAPOR SUSCEPT/CAL307 STA	\$248.00
STABIL TEST/MIX SAMP CAL-366	\$275.00
STABIL TEST/PREMIX SAMP CAL366	\$154.00
CHECK POINT CAL-373	\$330.00
LIME TREATED COMP TEST CAL373	\$935.00
CAL375 - MAXIMUM DENSITY (SET OF 5)	\$275.00
CALTRANS - MAXIMUM DENSITY (D-1557)	\$1.15
EXTRACTION % BITUMEN (CALTRANS	\$154.00
FTMD (CALTRANS)	\$158.00
ASPHALT MIX DESIGN (CALTRANS)	\$2,266.00
SAND EQUIVALENT (CALTRANS)	\$1.15
SIEVE ANALYSIS (CALTRANS)	\$1.15
SIEVE/COARSE (#4)(CALTRANS)	\$1.15
STABILOMETER (CALTRANS)	\$23.95
SWELL (CALTRANS)	\$29.45
CD SATURATED (3 POINT STAGED)	\$657.00
CD SATURATED (PER POINT)	\$358.00
STANDARD 6" MOLD CE-55	\$173.00
ASTM C940/C953 BLEED OF CEMENT	\$138.00
CEMENT CONTENT BY TITRATION	\$147.00
CHARPY V-NOTCH, SET	\$176.00
CHECK POINT	\$110.00
CHEMICAL HEAVE	\$138.00
CHLORIDE ANALYSIS TESTING	\$36.30

SAMPLING, TESTING AND EQUIPMENT CHARGES

COATING THICKNESS VERIFICATION, BOLT	\$49.50
COATING THICKNESS VERIFICATION, NUT	\$49.50
COATING THICKNESS VERIFICATION, WASHER	\$49.50
COLLAPSE POTENTIAL	\$116.00
COMP JOINT PEN TEST	\$275.00
COMP TEST/CORED SPECIMENS C42	\$60.00
COMPLETE DESIGN - OPEN GRADED	\$571.00
COMPRESSIVE STRENGTH OF SOIL	\$197.00
COMPRESSION/EXPANSION OF SOILS	\$300.00
COMPRESSION TEST SPECIMEN-HOLD	\$29.50
CONCRETE MIX DESIGN OR REVIEW	\$209.00
CONCRETE COMPRESS TEST - RUSH	\$36.30
CONCRETE COMP TEST C-39	\$26.40
CONCRETE COMPRESSION TEST C-39 (SET)	\$66.00
CONCRETE CORE ABSORPTION	\$29.45
CONSOL-ADDITIONAL LOADS,TR,TIME (PER DAY)	\$53.25
CONSOLIDATION WITH 1 TIME RATE	\$356.00
CONSOLIDATION, TWO TIME RATES	\$402.00
CONSOLIDATION W/O TIME RATE/6 LD D2435	\$314.00
CONTAMINATED SOIL HANDLING	\$8.80
CORING LOGS ON GINT & REVIEW	\$340.00
CORR OVERSIZE MATL IN SAMPLE CAL301	\$71.50
CONCRETE PERMEABILITY CRD-C48	\$1,320.00
CREEP OF CONCRETE, ASTM C512	\$1,100.00
SOIL CEMENT, CTB MIX DESIGN	\$33.00
EXPANSION/CONTRACTION OF MORTAR (CTM 527)	\$539.00
CU SATURATED/PORE WATER PRESSURE (PER POINT)	\$413.00
CU SATURATED (3 POINT STAGED)	\$725.00
CU SATURATED (PER POINT)	\$286.00
CUTTING, TRIMMING CORES (SAMPLE PREP)	\$27.50
CYLINDER-CURED BUT NOT TESTED	\$23.95
CYLINDER PICKUP	\$144.00
INDEX/RETAINED STRENGTH D-1075	\$1,100.00
DUCTILITY OF BITUMINOUS/D113	\$110.00
MOISTURE CONTENT (XYLENE) D1461	\$221.00
MARSHALL STAB/FLOW, FIELD MIX (SET OF 3)	\$352.00
MARSHALL STAB/FLOW (ONE) D 1559	\$124.00
MARSHALL STAB/FLOW D-1559 (SET OF 3)/LAB	\$451.00
CTB COMP TEST D1633, CAL312	\$935.00
EXTRACT/BITUMEN D1856,2172,310	\$154.00
CBR 100% COMPACTION D1883,T180	\$583.00
CBR OTHER COMPACTION EFF/D1883	\$770.00
MAX THEORETICAL SPECIFIC GRAVITY D-2041	\$143.00
KINEMATIC VISCOSITY/ASTM D2170	\$110.00
ABSOLUTE VISCOSITY @140F D2171	\$190.00
SAND EQUIVALENT - D2419 (3PTS)	\$96.00

SAMPLING, TESTING AND EQUIPMENT CHARGES

UNIT WT OF CORE-D2726 OR D1188	\$49.50
WEIGHT/ASP CORE/COMP SAM D2726	\$49.50
D2829, QUANTITATIVE ANALYSIS	\$385.00
D2850 - UU SATURATED (PER POINT)	\$237.00
D2850 - QUICK PER POINT	\$137.00
ORGANIC CONTENT/SOILS D2974	\$99.00
D3549 THICK/HT ASPHALT	\$13.20
SHRINKAGE FACTORS (D427)	\$121.00
LIQUID LIMIT D-4318	\$110.00
PLASTICITY INDEX D-4318	\$165.00
PINHOLE/DISPERSIVE SOIL D4647	\$275.00
STANDARD 4" MOLD D-698 METHOD A	\$198.00
STANDARD 6" MOLD D-698 METHOD B, C	\$215.00
DENSITY SAMPLE OF FIREPROOFING	\$71.50
DIAGRAM OF SAMPLE	\$110.00
DIELECTRIC CONSTANT	\$56.50
DIMENSION VERIFICATION, BOLT	\$49.50
DIMENSION VERIFICATION, NUT	\$49.50
DIMENSION VERIFICATION, PT STRAND	\$49.50
DIMENSION VERIFICATION, WASHER	\$49.50
DIMENSION VERIFICATION, HIGH STRENG. ROD	\$49.50
DIRECT SHEAR (2 POINT STAGED)	\$238.00
DIRECT SHEAR (3 POINT STAGED)	\$314.00
DIRECT SHEAR/D3080 (PER POINT)	\$121.00
DIRECT SHEAR (RESID) PER POINT	\$127.00
DISINTEGRATION OF QUARRY AGGREGATES	\$74.00
DMSO ACCELERATED WEATHERING	\$220.00
DRYING SHRINKAGE (SET OF 3) C-157,CAL-530	\$440.00
DURABILITY INDEX/C & F/CAL-229	\$275.00
DURABILITY, COARSE	\$182.00
DURABILITY, FINE	\$110.00
EPOXY COATING BEND TEST	\$22.00
EPOXY COATING HOLIDAY TEST	\$22.00
EPOXY COATING THICKNESS TEST	\$22.00
EXTRACTION WITH GRADATION	\$264.00
ASPHALT EXTRACTION - RUSH	\$179.00
FEDERAL ASPHALT DESIGN	\$3,300.00
FILM STRIPPING	\$116.00
FLAT/ELONG PART/SIEVECE119,120	\$110.00
FLEXURAL STRENGTH/CONC BEAM C78,C293	\$105.00
FLEXIBLE WALL, CONSTANT HEAD	\$487.00
FLEXIBLE WALL, FALLING HEAD	\$358.00
FOAM ASPHALT MIX DESIGN	\$2,750.00
FRACTURE TEST	\$38.50
FREEZE/THAW OF SOIL CEMENT (SET OF 2)	\$476.00
GENERAL TESTING - FIELD LAB, PER WK	\$440.00

SAMPLING, TESTING AND EQUIPMENT CHARGES

GNRL TSTNG - FLD LAB W/NCAT OVEN /PER WK	\$660.00
GNRL TESTING - FLD LAB, SUPERPAVE/PER WK	\$1,650.00
GROUT/MORTAR SPEC C942, C109	\$26.40
COMPRESSION TEST, GUNITE	\$66.00
GUNITE/SHOTCRETE COMPRESSION (SET OF 6)	\$253.00
ROCKWELL HARDNESS, BOLT	\$49.50
ROCKWELL HARDNESS, BRIDGE PIN	\$49.50
ROCKWELL HARDNESS, HIGH-STRENGTH ROD	\$49.50
ROCKWELL HARDNESS, NUT	\$49.50
ROCKWELL HARDNESS, WASHER	\$49.50
HARVARD MINIATURE	\$179.00
HIGH STRENGTH ROD TENS. TEST OVER 2.25"	\$138.00
HIGH STRENGTH ROD TENS. TEST UP TO 2.25"	\$77.00
COMPLETE DESIGN WEARING SURFACE - HVEEM METHOD	\$1,246.00
HVEEM MIX DESIGN WITH RAP	\$1,570.00
HVEEM STABILITY - SET OF 3	\$154.00
HYDRAULIC CONDUCTIVITY, D5084	\$358.00
HYDROMETER TEST OF PERCENT CLAY ONLY	\$66.00
HYDROMETER WITH SIEVE ANALYSIS	\$253.00
HYDROMETER W/O SIEVE ANALYSIS	\$165.00
IDAHO DEGRADATION T-15-95	\$284.00
IGNITION OVEN CALIBRATION	\$284.00
IGNITION OVEN CORRELATION	\$171.00
INITIAL & FINAL SET	\$77.00
ITD NCAT IGNITION OVEN EXT/GRA	\$132.00
ITD SIEVE - 3/4"	\$105.00
ITD SIEVE - 3/4" +	\$187.00
ITD SIEVE & FLAT & ELONGATED	\$83.00
ITD SIEVE & FRACTURED FACE	\$83.00
ITD SIEVE & SAND EQUIVALENT	\$83.00
ITD SOURCE APPROVAL PLANT MIX	\$660.00
ITD SOURCE APPROVAL - ALL	\$2,640.00
ITD SOURCE APPROVAL - BASE/BOR	\$1,210.00
ITD SOURCE APPROVAL - CONCRETE	\$1,320.00
LA RATTLER TEST CAL211, C131	\$171.00
LA RATTLER TEST CAL211, C535	\$220.00
LAB TRIAL BATCH/COMP TEST 6 SPEC	\$594.00
LAB TEST MAX. DENSITY, LTMD (SET OF 3)	\$284.00
LIME MIX DESIGN	\$2,750.00
LIQUID LIMIT	\$110.00
LOTTMAN TESTS	\$309.00
COMP TEST/LIGHTWEIGHT INSUL C-495	\$55.00
MACROETCH TEST	\$110.00
ASTM C939 FLOW OF GROUT	\$82.50
MARSHALL STABIL & FLOW - RUSH	\$417.00
MARSHALL MIX DESIGN WITH RAP	\$2,068.00

SAMPLING, TESTING AND EQUIPMENT CHARGES

COMPLETE DESIGN WEARING SURFACE - MARSHALL METHOD	\$1,757.00
MARSHALL UNIT WT - D2726/D1188	\$49.50
MARSHALL UNIT WT. (SET OF 3)	\$84.00
ABSORP/RECEIVED MOISTURE, MASONRY C140	\$71.50
LINEAL SHRINKAGE, MASONRY C-426,21	\$165.00
MAX DEN/MIX/MARSHALL METHOD (SET OF 3)	\$204.00
MAX THEORETICAL S.G. - RUSH	\$143.00
MAX. THEOR. SG (SET OF 2)	\$107.00
METHYLENE BLUE TEST (AASHTO TP57)	\$116.00
MICRO HARDNESS (MOH'S SCALE)	\$110.00
MICROWAVE MOISTURE TEST	\$18.15
MIXING AND PROCESSING (PER HOUR)	\$71.50
MODIFIED COMPACTION 4" CURVE - RUSH	\$262.00
MODIFIED COMPACTION 6" CURVE - RUSH	\$273.00
MOH HARDNESS TEST	\$77.00
MOISTURE CONTENT MEASUREMENTS	\$23.90
MOIST DETERMINATION/UNIT WEIGHT	\$49.50
MOISTURE VAPOR TRANSMISSION TEST	\$33.00
MOISTURE DETERMINATION ONLY	\$22.00
MOMENT FRAME JOINT TEST	\$680.00
CLEANNES VALUE - NEV T228A	\$185.00
NUCLEAR ASPHALT CONTENT GAUGE (PER DAY)	\$110.00
NUCLEAR ASPHALT CONTENT	\$77.00
NUCLEAR DENSITY TEST	\$36.30
NUKE AC CONTENT (A") VALUE"	\$550.00
FRACTURED FACES - NEV. T230C	\$124.00
ODOT AGGREGATE QA/QC	\$396.00
OIL CONTENT BY IGNITION OVEN	\$130.00
OPER PERFORM & PROCED TESTS	\$110.00
ODOT INDIRECT TENSILE	\$578.00
OREGON AIR DEGREDATN	\$160.00
ORGANIC IMPURITIES	\$60.00
OTHER ASPHALT TESTS	\$110.00
PLASTICITY INDEX - NON-PLASTIC	\$95.00
PAINT FILTER TEST	\$27.50
PAINT THICKNESS TEST	\$10.75
PAN WEIGHT (LBS/CU.YD)	\$38.50
PENETRATION OF BITUMEN/ASTM D5	\$60.00
PERCENT FREE SWELL	\$41.80
PERM - ADDITIONAL CELL TIME (PER DAY)	\$53.25
PERM TRIAXIAL CU/PP (3 PT STAGED)	\$952.00
PERMEABILITY TEST	\$124.00
PERMEABILITY TEST REMOD.	\$333.00
PERMEABILITY TEST UNDISTURBED	\$310.00
PERMEABILITY, ROOF TILE	\$121.00
PH C977	\$132.00

SAMPLING, TESTING AND EQUIPMENT CHARGES

DETERMINATION OF PH OF CONCRETE	\$110.00
PH TEST (LAB MEASUREMENT)	\$55.00
PLASTIC LIMIT	\$71.50
PLASTICITY INDEX	\$165.00
PLASTICITY INDEX - SINGLE PT.	\$95.00
PLY TYPE IDENTIFICATION	\$83.00
POROSITY TEST	\$36.30
PREPARED MASONRY COUPON COMP.	\$21.45
PRESTRESS STRANDS/TEN/EL A416	\$143.00
PRISM SET	\$538.00
PROCTOR WITH ROCK CORRECTION	\$297.00
PROOF LOAD, BOLT	\$49.50
PROOF LOAD, HIGH STRENGTH ROD	\$49.50
PROOF LOAD, NUT	\$49.50
PT STRAND TENSILE TEST	\$143.00
R-VALUE RUSH	\$333.00
REBAR COUPLER SLIPPAGE TEST	\$127.00
REBAR COUPLER TENSILE TEST	\$77.00
90 DEGREE ANGLE REBAR PULL TEST	\$284.00
REBAR SPLICE TENSILE TEST (ULTIMATE)	\$77.00
REBAR STRAIN TEST	\$11.00
TENSILE REBAR/BARLOCK, BAR SIZE #10 & UP	\$165.00
TENSILE REBAR/BARLOCK, BAR SIZE #3 TO #9	\$132.00
REDUCED SECTION TENS TEST > 2.25 SQ IN	\$94.00
RELATIVE DENSITY (MAX/MIN) D4253, D4254	\$325.00
REMOLDED SAMPLE	\$71.50
RIGID WALL PERMEAMETER	\$182.00
RIGID WALL, CONSTANT HEAD, D2434	\$179.00
ROCKWELL HARDNESS TEST	\$49.50
ROCKWELL HARDNESS (SET OF 3)	\$121.00
RUBBER BALLOON DENSITY TEST	\$41.92
R-VALUE SAMPLE PREPARATION CRD	\$55.00
R-VALUE CEMENT/LIME/LAB MIX/CAL301	\$314.00
R-VALUE UNTREATED MATERIAL/FIELD SAMPLE CAL301	\$264.00
SAMPLE PREPARATION MATERIALS	\$71.50
SAMPLE PREP-GRIND & POLISH	\$41.80
SAMPLE PREPARATION - SPLITTING	\$27.50
SAND CONE DENSITY TEST	\$41.80
SAND EQUIVALENT - RUSH	\$131.00
SAND EQUIV. ONE POINT METHOD	\$77.00
SHEAR TEST MASONRY/BRICK CORE CAL644	\$55.00
SHELBY TUBE CLEANING/EXTRUDING	\$6.60
SHOTCRETE	\$66.00
SHRINKAGE BAR MOLD	\$220.00
SIEVE ANALYSIS, COARSE (#4) C-136	\$83.00
SIEVE ANALYSIS, FINE INC WASH C136	\$116.00

SAMPLING, TESTING AND EQUIPMENT CHARGES

SIEVE ANALYSIS INC WASH (#200) C-117	\$83.00
SIEVE ANALYSIS	\$138.00
SIEVE ANALYSIS, COARSE & FINE	\$138.00
SIEVE ANALYSIS, C&F W/WASH RUSH	\$143.00
SIEVE ANALYSIS, WASH ONLY - RUSH	\$95.00
SINGLE FRACTURE FACE WAQTC TM1	\$74.00
SLURRY SEAL WET TRACK ABRASION	\$272.00
SOFTENING POINT - RING & BALL	\$253.00
SOIL TEST SERIES	\$410.00
SOLUBILITY TEST	\$78.00
CHEMICAL TEST (SOLUBLE SALT)	\$77.00
SPECIFIC GRAVITY COARSE	\$101.00
SPECIFIC GRAVITY	\$94.00
SPLITTING TENSILE STRENGTH C496	\$77.00
STANDARD COMPACTION CURVE 4" - RUSH	\$227.00
STANDARD COMPACTION CURVE 6" - RUSH	\$261.00
STRIP TENSION TEST	\$108.00
SULFATE SOUND (5) SIEVE SZ C88	\$99.00
SULPHATE ANALYSIS	\$36.30
SUPERPAVE MIX DESIGN SA-95-003	\$3,080.00
SWELL - ASPHALT	\$127.00
SWELL PRESSURE PER POINT	\$110.00
SWELL TEST FHA SPECIFICATION	\$166.00
SWELL TEST - UBC 18-2	\$165.00
T BEND TEST	\$38.50
INDIRECT TENSILE OF AC T-283	\$1,246.00
TENSILE/BEND/.5 TO 1.8 IN AREA	\$99.00
TENSILE/.5 TO 1.8 IN AREA	\$83.00
TENSILE/UP TO .5 IN AREA	\$71.50
TENSILE/BEND/UP TO .5 IN AREA	\$88.00
TENSILE TEST (REDUCED SECTION)	\$71.50
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